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GENERAL CATALOG OF GALACTIC CARBON STARS BY C. B. STEPHENSON. THIRD EDITION

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Abstract. The catalog is an updated and revised version of Stephenson's Catalogue of Galactic Cool Carbon Stars (2nd edition). It includes 6891 entries. For each star the following information is given: equatorial (2000.0) and galactic coordinates, blue, visual and infrared magnitudes, spectral classification, references, designations in the most significant catalogs and coordinate precision classes. The main catalog is supplemented by remarks containing information for which there was no place in entries of the main part, as well as some occasional notes about the peculiarities of specific stars.

Key words: catalogs – stars: carbon, fundamental parameters

1. INTRODUCTION

Most types of carbon stars are easily recognizable on low resolution blue-green and photographic infrared spectra. Spectral surveys carried out with Schmidt telescopes were the main sources for the search and discovery of galactic carbon stars. The total number of known carbon stars is sufficiently small to keep all of them in a single catalog. B. C. Stephenson of the Warner and Swasey Observatory has maintained a General Catalogue of Cool Carbon Stars for many years. He has published its two paper editions, CCCS and CCGCS (Stephenson 1973, 1989).

At a business meeting of the Working Group on Peculiar Red Giants during IAU Symposium 177 on "The Carbon Star Phenomenon" (May 27–31, 1996) in Antalya, Turkey, it was reported that

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Dr. Stephenson will no longer continue work on the catalog, although there is a need for its updating. A. Alksnis of the Radioastrophysical Observatory, Latvian Academy of Sciences, agreed to consider the possibility of assuming responsibility for updating the catalog (Wing 1997). As a result, a group of astronomers at the Radioastrophysical Observatory of the Latvian Academy of Sciences, now the Astrophysical Observatory of the Institute of Astronomy, University of Latvia, agreed to undertake supplementing and updating of the General Catalogue of Cool Galactic Carbon Stars.

This new printed version of the Catalogue is based on the machine-readable version of the 2nd edition assembled by Charles Knox at the Department of Astronomy, Case Western Reserve University.

The sources of data of new carbon stars and of new data of known objects of this class mainly were the papers published in journals or other astronomical publications.

In comparison with the previous edition of the catalog, the identification criteria of carbon stars were widened. Carbon stars are recognized in the optical spectral region from the Swan bands of the C_2 molecule, from the CN bands in the near-infrared and from the 11.2 μm band of SiC. We have included also stars classified from the 3.1 μm band, and we have added carbon star candidates identified by the N. Epchtein group from the [*12–25*] vs. K–L two-color diagram (Guglielmo et al. 1998 and references therein).

Since the appearance of the 2nd edition of the catalog, the results of the largest surveys of the galactic carbon stars have been based on objective-prism infrared spectra.

Infrared objective-prism surveys of seven low-latitude southern fields between galactic longitudes 245° and 311° were completed using the Curtis Schmidt telescope at Cerro Tololo and of nine low-latitude northern fields between 57° and 136° using the Burrell Schmidt telescope of the Warner and Swasey Observatory at Kitt Peak. These studies have led to 209 new discoveries of carbon stars, many of which were confirmed by slit spectra (Aaronson et al. 1989, 1990).

Four-degree prism infrared spectra of the Kiso 105 cm Schmidt telescope were used to search for cool carbon stars in several areas: in a 240 square-degree area in Cygnus (near ℓ=85°), in a 240 square-degree area in the Serpens-Aquila-Scutum region (near ℓ=32°), in a 235 square-degree area in the Perseus-Camelopardalis region (near

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ℓ=145°), in a 230 square-degree area in the Monoceros region (near ℓ=206°), and in a 230 square-degree area in the Vulpecula region (near ℓ=60°) (Maehara & Soyano 1988, 1990; Soyano & Maehara 1991, 1993, 1999). As a result, 145 new carbon stars were discovered and many known carbon stars were confirmed.

An unpublished list of southern carbon stars, identified by MacConnell (2000) on infrared plates taken with the Curtis Schmidt telescope of the University of Michigan at Cerro Tololo, added 169 new entries to the catalog and improved positions for 257 of the known carbon stars.

Since 1989 red sensitized Kodak F-type plates of the First Byurakan Spectral Sky Survey ($|b| > 30°$, $\delta > -15°$) obtained with the 1 meter Schmidt telescope of the Byurakan Observatory, Armenia, have been used to search for and classify faint late-type stars (Gigoyan et al. 1998 and references therein). Thus 39 new carbon stars were added to the CCGCS, mostly at high galactic latitudes.

The discovery of dwarf carbon stars, seven of them newly added to the Catalogue, has stimulated further search for and study of faint carbon stars at high galactic latitudes.

A color-magnitude diagram based on direct blue and red UKST and POSS survey plates, used by Totten & Irwin (1998) to select faint candidate carbon stars at high galactic latitudes, and follow-up spectrophotometry on the 2.5 meter Isaac Newton Telescope, La Palma, resulted in 28 newly discovered faint high latitude carbon stars.

Medium resolution slit spectra in the wavelength range 450–700 nm obtained with the ESO 3.6 meter telescope confirmed carbon star candidates discovered earlier in eight galactic bulge fields with the Canada-France-Hawaii 3.6 meter telescope (Azzopardi et al. 1991). This resulted in 31 new entries in the Catalogue.

We had to delete the entries Nos. 273, 293, 391, 651, 675, 1077, 1111, 1224, 1260, 5832 and 5920 from CCGCS (each of them actually doubles another entry) and to correct the positions of Nos. 434, 1191, 1259 and 5878, because RA(1950) and DEC(1950) for the stars BC 186 – BC 200 (Platais 1981) were included in CCGCS without reduction to the equinox of 1900.

We have included in the catalog more than 200 infrared carbon star candidates identified through their location in the IRAS color [*12–25*] vs. near-IR color K–L diagram (Guglielmo et al. 1998 and

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references therein). Their spectra are noted by lower case c, as it is used by these authors.

Altogether almost a thousand new carbon stars have been added to the Catalogue. Their surface distribution is shown in Fig. 1 in equatorial coordinates and in Fig. 2 in galactic coordinates. A similar distribution for all known galactic carbon stars is shown in Figs. 3 and 4.

The carbon stars represented in this catalog include mainly optically identified stars corresponding to the R, N or MK classification. The R0–R3 types sometimes are called "warm carbon stars". In the infrared wavelength region we meet "infrared carbon stars", "extreme-" or "dusty carbon stars". A dozen "dwarf carbon stars" or "carbon dwarfs" are known. Evidently, there is no need to call all these types as "cool carbon stars"; a shorter term "carbon stars" is good enough. Thus we can shorten the title of this catalog used in the second edition to the "General Catalogue of Galactic Carbon Stars" (CGCS).

The present catalog includes many Population II carbon stars belonging to the CH type. More complete catalogs of CH and related stars were published by Bartkevičius & Šleivytė (1983), Šleivytė & Bartkevičius (1990) and Bartkevičius (1996).

The positions of all carbon stars were compared with those in the electronic version of the General Catalogue of Variable Stars available at the Sternberg Astronomical Institute home page (http://www.sai.msu.ru) to identify carbon variable stars. A difference up to 2.5 arcmin in both coordinates was used for the selection of possible variable carbon stars, which were then inspected closer individually to confirm or reject the identity. More than a hundred new names of variable stars were included in the column "Designations".

For most of the stars, which are included in the 2nd edition of the Catalog, no new data have been added, and the respective entries in the new edition of the Catalog (Table 1) remain unchanged. The only change is in the equinox of the equatorial coordinates: they are now reduced to the equinox 2000.0. For the new entries we tried to maintain the style of the 2nd edition. Therefore we had to repeat the description of the catalog columns from the 2nd edition, modifying them accordingly. Quotations from the 2nd edition are given in the quotation marks (≪.....≫).

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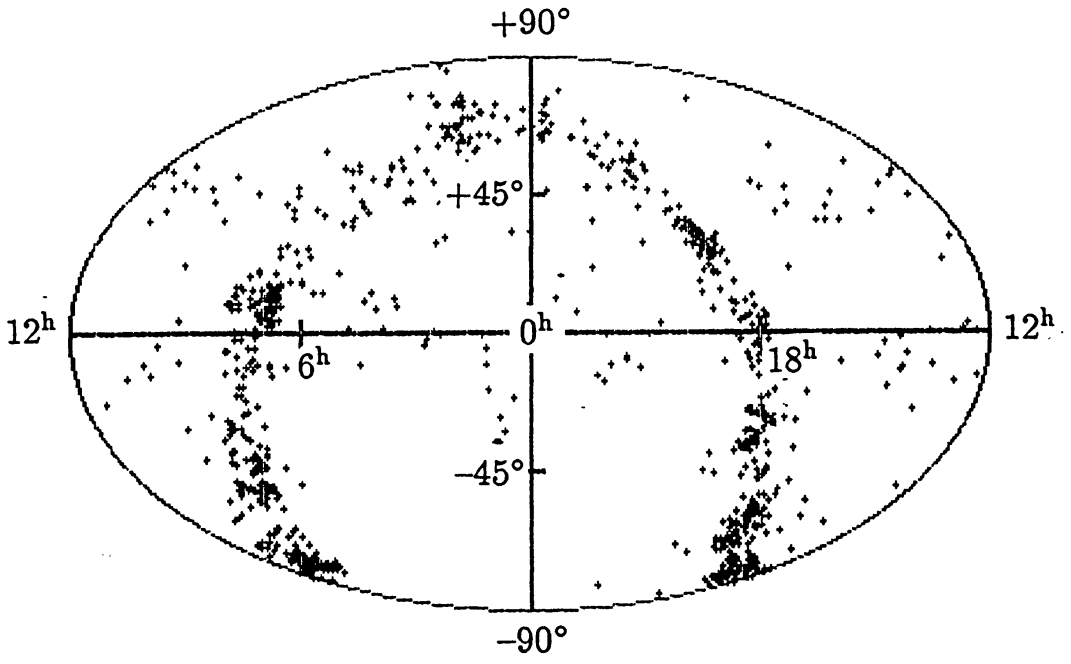


Fig. 1. Surface distribution of new carbon stars in equatorial coordinates.

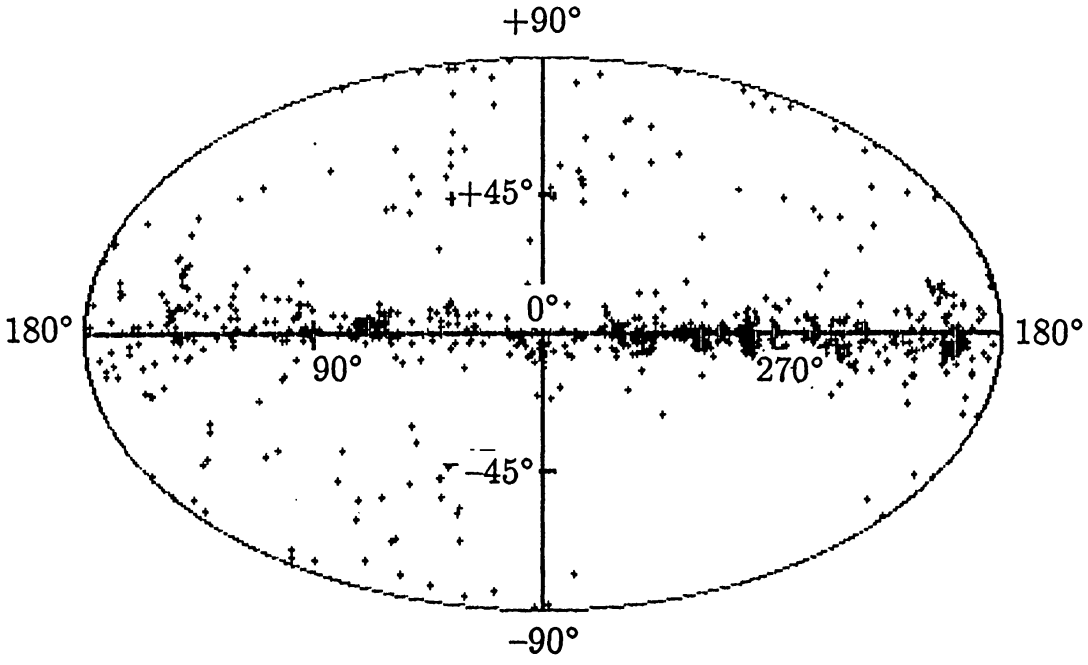


Fig. 2. Surface distribution of new carbon stars in galactic coordinates.

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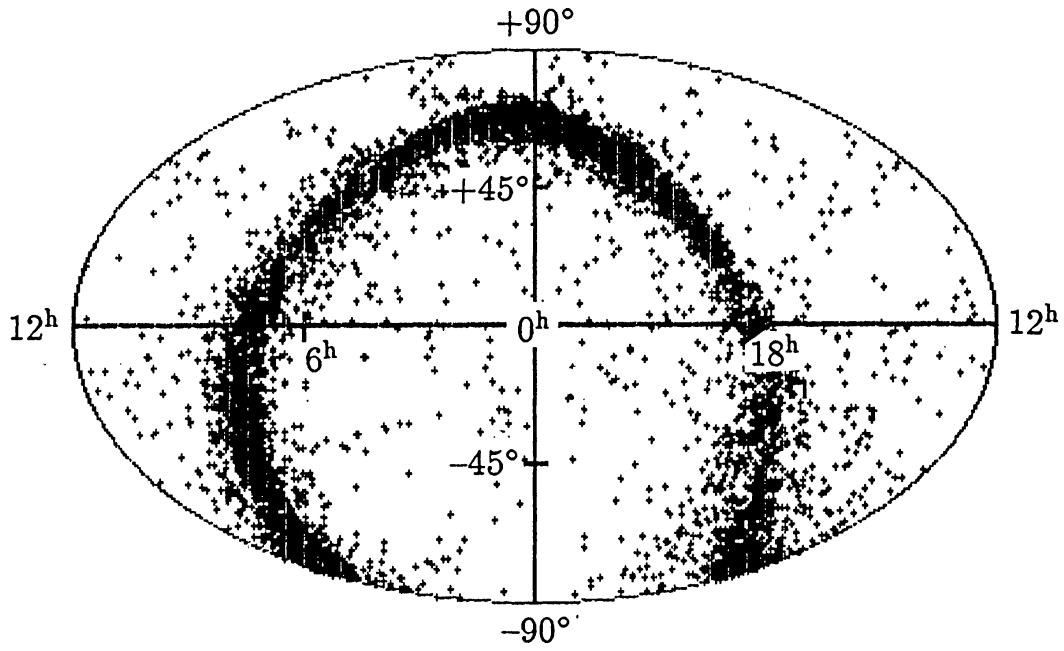


Fig. 3. Surface distribution of all known carbon stars in equatorial coordinates.

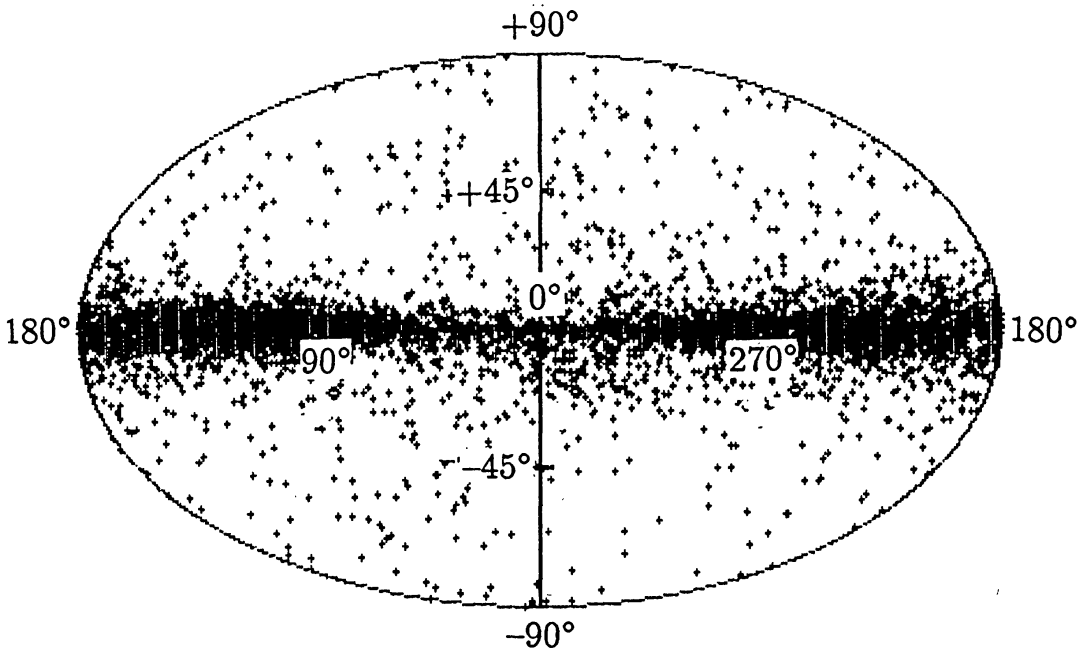


Fig. 4. Surface distribution of all known carbon stars in galactic coordinates.

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2. DESCRIPTION OF THE CATALOG (TABLE 1): COLUMN HEADINGS

RA(2000), DEC(2000). These are the equatorial coordinates, referred to the equinox and equator 2000.

≪ In case of multiple finding lists, the coordinates are averages from multiple sources, heavily weighted in favor of the most accurate, if any. Where Ste is included among the designations, the star has almost invariably been measured for position at the Warner and Swasey Obs. on one or even more objective-prism plates, with a resulting precision of 1–2 arcseconds. The astrometric reduction procedure used by Stephenson is explained in Publs. Warner and Swasey Obs. Vol. 2, No. 4, Sec. II. More than 2000 stars of Table 1 have post-CCCS position determinations done at the Warner and Swasey Observatory.≫

As in the machine-readable version of the CGCCS, the coordinates are given to 0.1 sec in RA and 1 arcsec in DEC, notwithstanding the precision of the position of the object. The estimated precision of the coordinates is indicated in the last column. For many stars of CGCCS the equatorial coordinates have been improved on the basis of new determinations, e.g., by Aaronson et al. (1989, 1990), MacConnell (2000), Maehara & Soyano (1988, 1990), Soyano & Maehara (1991, 1993, 1999).

For more than 300 carbon stars equatorial coordinates were taken from the Hipparcos Catalogue after approximation to the format of this catalog. These stars can be recognized as bright stars with the highest precision class 0 in the last column of the Table.

CGCS. This is the number from the first column (No.) of Table 1 from the 2nd edition (CGCCS). We have not introduced a new running number to avoid overcrowding of identifiers for an object. For new entries the running numbers begin with No. 6001 and are given in the sequence of R.A.(2000).

b, v, i. ≪ These are, as available, blue, visual and infrared magnitudes. The infrared magnitudes are normally the sort defined by a Kodak N-type photographic plate exposed through a filter similar to the Schott RG8 or 695 filter. Such infrared magnitudes are close to the system of Kron & Smith (1951), and have now been published for several thousand carbon stars. For b, v and i alike, the

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magnitudes essentially all come from photographic plates; thousands of them are based only upon an average plate calibration used for an entire survey. Thus the magnitudes are almost never accurate to 0.1 mag, to which they are commonly given, and errors of over a whole magnitude should be common, even discounting variability.≫

For some stars v magnitudes from Paupers et al. (1993) are used. For the newly added stars, especially for the infrared (or dusty) carbon stars, which are observed only in the infrared, column i gives the magnitude in the shortest wavelength band with corresponding notation.

long, lat. ≪ This is galactic longitude and latitude, in the system currently in use.≫ They are computed from RA(2000) and Dec(2000).

Spectrum. ≪ This column displays the earliest more reliable determinations of spectral type in the R/N notation. Here also are classifications in the scheme of Morgan & Keenan (1941); this scheme is still a good compact description of the spectrum. Sources of quoted classifications are coded here in parentheses; most of these are listed in the explanation of the "Designations" column, which is devoted to finding lists. Below we list abbreviations for papers consisting mainly of re-observation of stars selected from finding lists. We also include here the abbreviations HD and HDE which are occasionally cited under the "Spectrum" column.≫ However, these abbreviations are omitted in the "Designations" column where a pure HD or HDE number is given. These abbreviations are as follows.

Bidun	Bidelman, unpublished.
De	Dean (1976).
HD, HDE	Henry Draper Catalogue and the first extension, Harvard Annals 91–100. The second extension, HA 112, is cited as CannMay49.
Her52	Herbig (1952).
IRAS C	Little-Marenin et al. (1987).
K-M	Keenan & Morgan (1941).
Lund21	Lundmark (1921).
San41	Sanford (1941).
San	Sanford (1944).

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Sh Shane (1928).
War Warner (1963).
WPB Bidelman (1954).
Yam Yamashita (1972, 1975).

Designations. ≪ This gives the star's occurence in various finding lists, including unpublished ones. Some CCCS stars repeated here are still called unpublished, which means only that I had no reference to a separate publication when the CCCS went to press. For some of those stars, the CCCS is the only place they have been published; for others, they have since appeared in separate lists by their discoverers. In the latter case I have sometimes changed the discoverer designation to reflect separate subsequent publication, and sometimes not; in the great majority of cases, CCCS stars there called unpublished have since been confirmed in other surveys.

There are finding lists with no special concentration on carbon stars. These are the Bright Star Catalog number, cited, as in all editions of the Bright Star Catalog, as an HR number (and usually put at the head of the list); HD or HDE numbers (listed as a number without other characters); BD or CD numbers in a notation close to the usual one; and the GCVS designation. The intent was to give CD numbers only if the CD magnitude is 9.5 or brighter. Any CPD (Cape Photographic Durchmusterung) nos. in Table 1 are inadvertent unless spelled out as such, a fact due to the circumstance that carbon stars are red stars and the CD is red-biased, not only relative to the CPD but even, though this does not appear to be widely known, relative to the BD.

Other finding lists; an explanation for the coding of these follows. The largest unpublished ones are by Stephenson (Ste), a combination of stars now published in the CCCS and infrared survey products appearing in the present catalog; Sanduleak (Sndlk), whose entries are almost exclusively confined to CCCS stars; Victor Blanco (VB); and MacConnell (MacCon). Although there are several published MacConnell lists cited here, some of the "MacCons" may have since become separately published; but see also the special note under MacCon in the table to follow.

Coding: Whenever a number appears separated from the initial part of the designation by a blank space, the number is a published one assigned by the corresponding discoverer, hyphens if any separating table numbers from numbers within tables. Numbers following

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alphabetic abbreviations without a blank space represent the year of publication where this was for some reason helpful to me (generally, where the same author has produced more than one paper). So W58 1 means star No. 1 in a table of carbon stars in Westerlund (1958). ≫

The abbreviations mean the following:

Aar89	Aaronson, Blanco, Cook and Schechter (1989).
Aar90	Aaronson, Blanco, Cook, Olszewski, Schechter (1990).
AbrGig89a	Abramyan and Gigoyan (1989a).
AbrGig89b	Abramyan and Gigoyan (1989b).
AbrGig90	Abramyan and Gigoyan (1990).
AbrGig93	Abramyan and Gigoyan (1993).
AbrGig94	Abramyan and Gigoyan (1994).
Ack	Ackermann (1970).
AFGL=CRL	Infrared sky survey, U.S. Air Force, Hanscom Field, MA.
AGHA97	Abramyan, Gigoyan, Hambaryan and Azzopardi (1997).
AGSh95	Abramyan, Gigoyan and Shakhbazyan (1995).
Akyol	Akyol et al. (1974).
Alb	Albers (1967).
Alks72	Alksne and Ozolina (1972).
All77	Allen, Hyland, Longmore, Caswell, Goss and Haynes (1977).
ALR	Azzopardi et al. (1985).
ALRW91	Azzopardi, Lequeur, Rebeirot and Westerlund (1991).
Balz56	Balz (1956).
Barb70	Barbier (1970).
BC	Baldone carbon star number, assigned at Baldone, Latvia:
BC 10 – BC 33	Alksne and Ozolina (1974).
BC 34 – BC 39	Daube and Ozolina (1974).
BC 40 – BC 49	Alksne and Ozolina (1975).
BC 50 – BC 62	Alksne and Ozolina (1976).
BC 63 – BC 77	Alksnis, Alksne, Ozolina and Eglitis (1976).
BC 78 – BC 109	Alksnis, Alksne and Ozolina (1977).

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BC 110 – BC 184	Alksnis, Alksne, Ozolina and Platais (1978).
BC 185	Platais (1979).
BC 186 – BC 200	Platais (1981).
BC 201 – BC 217	Alksne and Alksnis (1981).
BC 218 – BC 234	Alksne, Alksnis and Eglitis (1981).
BC 235 – BC 245	Alksnis, Alksne and Eglitis (1983).
BC 246 – BC 255	Alksnis and Ozolina (1983).
BC 256 – BC 272	Alksnis, Alksne, Platais and Ozolina (1987).
BC 273 – BC 310	Alksnis, Alksne, Ozolina and Platais (1988).
BC 311 – BC 318	Alksnis, Alksne, Ozolina and Platais (1988).
BC 1 – BC 318	Alksne, Alksnis, Ozolina and Platais (1989).
Bid80	Bidelman (1980).
BidMac	Bidelman and MacConnell (1973).
Blanc55	Blanco, Nassau et al. (1955).
B-M	Blanco and Munch (1955).
Bon75	Bond (1975).
Boes	Boeshaar, unpublished.
Bot91	Bothun, Elias, Macalpine, Matthews, Mould, Neugebauer, Reid (1991).
BSD	The Bergedorfer Spektral-Durchmusterung (Schwassmann and Van Rhijn 1935).
C	The Case infrared surveys at low galactic latitudes (Nassau and Blanco 1954, 1957; Blanco 1958). The carbon star numbers are continuous.
Cann21	Cannon (1921).
Cann22	Cannon (1922).
Cann26	Cannon (1926).
CannMay38	Cannon and Mayall (1938).
CannMay49	Cannon and Mayall (1949). The Annie J. Cannon Memorial.
Catchp68	Catchpole (1968).
CCCS	Catalogue of Cool Carbon Stars, 1st edition (Stephenson 1973).
CCGCS	A General Catalogue of Cool Galactic Carbon Stars, 2nd edition (Stephenson 1989)

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CH96 Cohen and Hitchon (1996).

CK77 Cohen and Kuhi (1977).

CohKuh Cohen and Kuhi (1976).

Crg61 Cregg (1961).

Cut89 Cutri, Low, Kleinmann, Olszewski, Willner, Campbell and Gillett (1989).

CWWVS Cohen, Wainscoat, Walker, Volk and Schwartz (1989).

CWWV96 Cohen, Wainscoat, Walker and Volk (1996).

D The Dearborn Observatory objective-prism surveys for red stars (Lee et al. 1940–44). The carbon stars thus found were abstracted as lists of exclusively carbon stars, in the papers just cited, and were duplicated in longer lists containing all red stars found; the D numbers given in Table 1 refer to the short lists, with one or two exceptions spelled out in the notes to the table. The notes also refer in other contexts to the "longer" Dearborn lists, with the meaning just explained. The "short" list numbers for carbon stars are continuous from paper to paper.

Daub71 Daube (1971).

DLKSH77 Dahn, Liebert, Kron, Spinrad and Hintzen (1977).

Dol62 Dolidze (1962).

Dol68 Dolidze (1968).

Dol71a Dolidze (1971a).

Dol71b Dolidze (1971b).

Dril72 Drilling (1972).

Epc87 Epchtein, Le Bertre, Lepine, Margues dos Santos, Matsuura and Picazzio (1987).

Epc90 Epchtein, Le Bertre and Lepine (1990).

Esp Espin (1924).

Fea97 Feast (1997).

Feast77 Feast et al. (1977).

Flem12 Fleming (1912).

Fou92 Fouque, Le Bertre, Epchtein, Guglielmo and Kerchbaum (1992).

Fr75 Frogel, Dickinson and Hyland (1975).

Fuen Fuenmayor (1981).

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FueSto95 Fuenmayor and Stock (1995).

GAA Gigoyan, Hambaryan and Azzopardi (1998).

GAM Gigoyan, Azzopardi and Muratorio (1999).

GBE98 Guglielmo, Le Betre and Epchtein (1998).

GEAS97 Guglielmo, Epchtein, Arditti and Sevre (1997).

GCVS General Catalogue of Variable Stars Volumes I–III, 4th edition (1999).

GGHCG Grasdalen, Gehrz, Hackwell, Castelaz and Gullison (1983).

GH76 Gehrz and Hackwell (1976).

GigAmb Gigoyan and Hambaryan (1996).

GJ93 Groenewegen and de Jong (1993).

GJB93 Groenewegen, de Jong and Baas (1993).

GJBSW Groenewegen, de Jong, van der Bliek, Slijkhuis and Willems (1992).

GJG94 Groenewegen, de Jong and Geballe (1994).

GMAC Green, Margon, Anderson and Cook (1994).

GMAM92 Green, Margon, Anderson and MacConnell (1992).

GMM91 Green, Margon and MacConnell (1991).

GOL97 Groenewegen, Oudmaijer and Ludwig (1997).

Gor68 Gordon (1968).

GreMar90 Green and Margon (1990).

GreMar94 Green and Margon (1994).

Gug93 Guglielmo, Epchtein, Le Betre, Fouque, Hron, Kerschbaum and Lepine (1993).

GWSK Groenewegen, Whitelock, Smith, Kerschbaum (1998).

Ha85 Hartwick and Cowley (1985).

HanBl Hansen and Blanco (1975).

Har Hardorp, Lubeck and Stephenson (1972). Spectral type ER = early R, LN = Late N, etc.

Harw Harwood (1962).

Hen Rybski (1972). Most of the carbon stars discussed by Rybski were found on objective-prism plates by Henize, and by him assigned the numbers which Rybski refers to as Hen numbers and Stephenson quotes in Table 1. There is no connection between these Hen numbers and others

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	occurring in the literature – even in the case of the occasional Hen numbers for carbon stars cited by Wray (1966), who however also assigns his own numbers and which are quoted in Table 1 as Wray.
IDS	Index Catalogue of Double Stars. Not mentioned if ADS number given.
JBGHJKL	Jones, Bryja, Gehrz, Harrison, Johnson, Klebe and Lawrence (1990).
Jon78	Jones, Merrill, Puetter and Willner (1978).
Joy98	Joyce (1998).
Krum	L. E. Krumenaker, unpublished. At Warner and Swasey we had by 1972 taken duplicate objective-prism plates of the northern Milky Way for about half of the fields surveyed in the Hamburg-Cleveland survey for luminous stars in the Northern Milky Way. Although carbon stars were identified and measured for position by the Hamburg workers, and eventually published (Hardorp et al. 1972), the Hamburg limiting magnitude for carbon stars was not very faint (cf. Hardorp et al. 1972). Hence Krumenaker searched for carbon stars on the new Case material already mentioned. On the other hand, the magnitude limit for R/N classification is already fairly uniform between Hamburg and Cleveland (Stephenson 1989).
Krum75	Krumenaker (1975).
Kub	W. R. Kubinec, unpublished. These carbon stars are discussed by Kubinec, without position data, in Publs. Warner and Swasey Obs. 1, No. 3. He measured the approximate positions specially for Table 1.
Kur96	Kurtanidze, unpublished (1996).
KurNik88	Kurtanidze and Nikolashvili (1988).
KurNik88b	Kurtanidze and Nikolashvili (1988b).
KurNik89	Kurtanidze and Nikolashvili (1989).
KurNik90	Kurtanidze and Nikolashvili (1990).
KurNik2000	Kurtanidze and Nikolashvili (2000).
Kurt78	Kurtanidze (1978, 80, 80a, 81, 88).
Kurt80	
Kurt80a	
Kurt81	
Kurt88	

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Kurtun	Kurtanidze, unpublished.
KurtWest	Kurtanidze and Westerlund (1980).
LE83	Lloyd Evans (1983).
LE90	Lloyd Evans (1990).
LE91	Lloyd Evans (1991).
LeB92	Le Bertre (1992).
LFOP93	Loup, Forveile, Omont and Paul (1993).
Lit	Little-Marenin et al. (1987). These are carbon star classifications from IRAS spectra (11.2 μm SiC emission).
LKVR76	Low, Kurtz, Vrba and Rieke (1976).
Lo74	Lockwood (1974).
LR77	Lebofsky and Rieke (1977).
LSKR78	Lebofsky, Sargent, Kleinmann and Rieke (1978).
LSLSLCFB	Liebert, Schmidt, Lesser, Stepanian, Lipowetsky, Chaffee, Foltz and Bergeron (1994).
MacCon	With running nos. 1–466, MacConnell (1988).
MacCon	MacConnell, unpublished, at least originally.
MacCon67	MacConnell (1967, 79, 81, 82, 97)
MacCon79	
MacCon81	
MacCon82	
MacCon97	
MacCon2000	MacConnell, unpublished (2000).
MaeSoy	Maehara and Soyano (1986a).
MaeSoy2	Maehara and Soyano (1986b).
MaeSoy88	Maehara and Soyano (1988).
MaeSoy90	Maehara and Soyano (1990).
Marg	Margon et al. (1984).
May51	Mayall (1951).
MayCann40	Mayall and Cannon (1940).
Mayun	N. U. Mayall, unpublished, communicated to C. B. Stephenson by W. P. Bidelman.
McC	McCarthy (1960).
Merr50	Merrill and Burwell (1950).
MerSt76	Merrill and Stein (1976).

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MGSJ97	Moody, Gregory, Soukup and Jaderlund (1997).
Mich	W. P. Bidelman and D. J. MacConnell, unpublished. The observations were made on 108 Å/mm objective-prism plates taken with the Schmidt telescope of the University of Michigan at Cerro Tololo.
Mik78	Mikami (1978).
Mic97	Mickaelian (1997).
MSB	Merrill, Sanford and Burwell (1933, 1942).
MSGAL85	Mould, Schneider, Gordon, Aaronson and Liebert (1985).
Nass64	Nassau, Stephenson, and Caprioli (1964).
NassCam	Nassau and Cameron (1956). Cited only if the star did not appear later with a C number.
NassCol	Nassau and Colacevich (1950). The numerical C types quoted from this paper are defined in the paper; they essentially describe the CN strength and the redness of the spectrum in the infrared.
NassSte61	Nassau and Stephenson (1961).
NassvanAl	Nassau and van Albada (1949).
NETC	Nguyen-Q-Rieu, Epchtein, Truong-Bach and Cohen (1987).
Nik	Nikolashvili (1987a).
Nik2	Nikolashvili (1987b).
Nik3	Nikolashvili (1987c).
NSV	New Catalogue of Suspected Variable Stars (Kukarkin et al. 1982).
OLFHHS	Omont, Loup, Forveille, Hekkert, Habing and Sivagnanam (1993).
OrlRod74	Orlov and Rodriges (1974).
Perr59	Perraud and Pelletier (1959).
Perr61	Perraud (1961).
Pes	Pesch, unpublished, Case objective-prism plate.
Pes67	Pesch (1967).
Phil67	Philip (1967).
Pick11	Pickering (1911).
Po78	Poulakos (1978).

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Pots	The Potsdam Spektral-Durchmusterung (Becker 1931, Becker and Bruck 1935–38).
Poul	Poulakos (1972).
Richt	Richter, Schaifers and Wentzel (1961).
Ros51	Rosino (1951).
San49	Sanford (1949).
SandPhil	Sanduleak and Philip (1968).
Schai59	Schaifers (1959).
Schai60	Schaifers (1960).
SHLE96	Sarre, Hurst and Lloyd Evans (1996).
Slet	Slettebak, Keenan and Brundage (1969).
Smith37	Smith (1937).
Sndlk	N. Sanduleak, unpublished, various objective-prism plates taken at Cerro Tololo.
SndPes	Sanduleak and Pesch (1982).
SndPes88	Sanduleak and Pesch (1988).
Sop85	Sopka, Hildebrand, Jaffe, Gatley, Roellig and Werner (1985).
SoyMae91	Soyano and Maehara (1991).
SoyMae93	Soyano and Maehara (1993).
Soymae99	Soyano and Maehara (1999).
Ste	Stephenson, unpublished, various objective-prism plates (Case, Hamburg, Bosscha, Cerro Tololo) unless slit spectrograms mentioned in the notes.
Ste65	Stephenson (1965).
Ste76	Stephenson (1976).
Ste85	Stephenson (1985).
Sto	Stock and Wroblewski (1972).
Thack49	Thackeray (1949).
The68	The (1968).
Tot98	Totten and Irwin (1998).
Upgr60	Upgren (1960).
Upgr68	Upgren and Grossenbacher (1968).
Van	Vandervoort (1958).
VB	V. Blanco, unpublished.

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Vet	Vetesnik (1979).
VKL92	Volk, Kwok and Langill (1992).
Vogt	Vogt (1973).
VyssBalz58	Vyssotsky and Balz (1958).
W	Westerlund (1971).
W58	Westerlund (1958).
W65	Westerlund (1965).
War65	Warner (1965).
War93	Warren, Irwin, Evans, Liebert, Osmer, Hewett (1993).
Wil73	Wilson, Schwartz and Epstein (1973).
WMFCMC	Whitelock, Menzies, Feast, Catchpole, Marang, Carter (1995).
Wray	Wray (1966). CE = Hα emission.
WY77	Wing and Yorka (1977).

≪ Except for the occurrence of the CCCS numbers, the ordering of the carbon star-finding lists under "designations" in Table 1 is generally the order in which I have become aware of them. The major exception is myself (Ste), whom I have usually listed last regardless of history. The overwhelming majority of these separately-found identifications for the same carbon star are, to the best of my knowledge – and certainly for my own surveys – completely independent rediscoveries. ≫

n. ≪ Four symbols were introduced in the CCCS and are retained here. (1) An asterisk indicates that Table 1 equates two or more data in literal contradiction to one or more papers cited; for example, a much later paper may be reporting a new carbon star already so identified in a much earlier paper, which implies that perhaps there are two carbon stars in the area. This was a natural flag to use in the CCCS, where carbon stars were mainly reported in a few large and well-known surveys. It is no longer natural now, where the main pre-publication comparison has been with the CCCS, and there have meanwhile been many relatively short lists. Thus, I have added few if any new asterisks. Finally, a single asterisk meant that my fusing of two or more reports was based on coordinates alone, without any plate re-examination. In fact, many or most of these cases have now been routinely re-examined through later, systematic,

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surveys; but I have retained the asterisk to show the historical order. (2) A double asterisk means the same as a single one, except that I have specially re-examined plates with the identification problem in mind. As in (1), many of these have been further checked routinely by later, systematic surveys, where the finding of only one star allows the strong presumption that only one carbon star is involved. There are few or no new double asterisks in the present edition. (3) A plus sign signals a GCVS identification made by me by comparing an objective prism plate with a published identification chart. These, too, are mostly holdovers from the CCCS, because the host of more accurate coordinates for carbon stars in the present edition usually restricts any challenge to identifying a carbon star with a GCVS cool-giant variability type to the question (at least on deep plates): is there any other banded spectrum near the carbon star? (4) An R signals further remarks at the end of Table 1.≫

The object of the remarks is twofold. First, remarks are intended as an extension to the entries "Designations" and "Spectrum" of the catalog comprising matter for which there was no place in the Table. Second, remarks contain information about considerable disagreement in the position of a star determined by different authors or cases when there is some doubt if the data refer to the same star. We repeat Stephenson's remarks, although in a shortened form, in which he confirms discoveries or points to certain spectral and photometric peculiarities (outstanding spectral lines and bands, very red color etc.). Also we indicate the cases when a carbon star lies in the sky within boundaries of some star clusters and note conclusions about the membership, if possible. Also the stars with such distinguishing features as circumstellar silicate envelopes, detached gas and dust shells, maser emission, binarity and bipolar molecular outflows are marked.

P. Estimated precision class of the equatorial coordinates of the star: 0–1 for ±0.1 arcsec, 2 for ±1 arcsec and 3 for ±0.1 arcmin. Values of the precision class have been estimated by comparing coordinates of the stars determined by different authors. The highest precision class 0 was assigned only to the positions determined by *Hipparcos*, by MacConnell (2000) and for dwarf carbon stars.

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3. REJECTED STARS

Table 2 contains 21 stars that have been declared as carbon or possible carbon stars but this classification was rejected in other publications. This table is a supplement to Table 2 in the 2nd edition of the Catalogue. The first five columns coincide with those in the Catalogue (Table 1), the 6th column gives the reference to the publication (with abbreviations of Section 2), the designation and the carbon spectral type, the 7th column gives the same for the publications in which this classification has been rejected.

4. CROSS-CORRELATION CGCS – R.A. (2000)

After reduction of equatorial coordinates to the equinox 2000, the sequence of CCGCS=CGCS numbers in the catalog is newly arranged, and some stars are difficult to find according to their CGCS number, especially circumpolar stars. The same refers to several stars for which equatorial coordinates in the 2nd edition are in error. To help find these stars identified with their CCGCS number, cross-correlation between this number and their coordinates is given in Table 3.

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Table 2. Stars that have been published as carbon but probably or definitely are not.

RA(2000)	DEC(2000)	b	v	i	Designations or Sp. type	Remarks
00 30 30.0	+26 02 00		9.6		Crg61 (R)	K0 III (OrlRod74)
05 59 07.2	−10 52 38				HB75 (R)	S (WY77)
08 01 12.0	−36 27 00		9.8		Ros51 (Rp), AR Pup	F0-F8 (GCVS)
08 19 50.1	+37 27 32			16.5r	SndPes88=CLS 1(C:)	not C (GreMar90,Bot91)
08 22 28.2	+38 03 52			16.5r	SndPes88=CLS 3(C:)	not C (GreMar90,Bot91)
09 18 06.3	+29 04 10			13.0r	SndPes88=CLS 12(C:)	not C (GreMar90,Bot91)
09 59 32.4	+36 36 31			16.0r	SndPes88=CLS 20(C:)	not C (Bot91)
10 02 48.3	+30 56 47			16.0r	SndPes88=CLS 21(C:)	not C (Bot91)
11 11 27.4	+32 37 24			15.0r	SndPes88=CLS 35(C:)	not C (GreMar90)
13 51 16.4	+30 17 41			16.5r	SndPes88=CLS 75(C:)	not C (Bot91)
14 14 09.5	+32 32 32			16.0r	SndPes88=CLS 78(C:)	not C (Bot91)
15 02 37.2	+33 13 04			15.5r	SndPes88=CLS 85(C:)	not C (GMAC)
15 40 23.0	+34 29 47			15.0r	SndPes88=CLS 94(C:)	not C (GreMar94)
15 47 22.4	+31 45 18			17.0r	SndPes88=CLS 95(C:)	not C (GreMar94)
16 44 01.4	+33 41 18			16.0r	SndPes88=CLS 107(C:)	not C (GMAC)
16 45 53.8	+31 54 38			16.5r	SndPes88=CLS 108(C:)	not C (GreMar94)
18 32 42.3	−14 51 57			3.7	HB75 (R)	K5 (Bid80)
18 58 24.0	+04 39 56			3.7	HB75 (R)	M (Bid80)
19 13 11.7	+26 00 28		13.8		Soymae99 (C), S Lyr	S star (Ste, 1976)
23 30 11.0	+60 16 47	18.9	14.8	12.0r	Po78 (C)	M (Bid80)
23 30 44.0	+60 15 32	16.2	12.1	9.2r	Po78 (C)	M (Bid80)

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Table 3. Stars with the largest differences RA(2000) – RA(1900).

CGCS	α,δ (2000)	CGCS	α, δ (2000)	CGCS	α,δ (2000)
5	0006+7004	2947	1103–7145	3761	1709–7507
81	0035+7044	2967	1107–8147	3765	1718–8132
83	0035+7031	2970	1110–7415	3806	1726–7429
122	0050+7139	2985	1115–7042	3871	1752–7809
133	0054+7205	2992	1118–7451	3910	1811–8037
163	0102+7150	2994	1118–7506	4302	1921+7633
172	0108+7015	3011	1122–7045	4485	1924+8521
208	0120+7134	3012	1123–7248	5322	2126+7013
261	0145+7119	3049	1132–7238	5406	2135+7837
333	0222+7340	3062	1133–7312	5452	2144+7338
506	0334+7238	3083	1139–7233	5476	2143+8258
526	0339+7053	3137	1157–7826	5483	2148+7751
931	0517–7110	3156	1203+7025	5529	2156+7124
984	0526–7004	3195	1213–7335	5725	2243+7447
1138	0551–7544	3218	1221–7602	5874	2324+7221
1212	0554–8403	3222	1223–7530	5910	2340+7019
1380	0638-7005	3368	1321–7426	5973	0000+5953
1425	0644–7239	3425	1344–7036	5974	0000+5658
1599	0705–7300	3448	1359–7921	5975	0000+6134
1876	0754+7213	3529	1449–7431	5976	0001+6021
1901	0745–7119	3562	1509–7203	5977	0001+6455
2282	0846+7432	3569	1514–7004	5978	0001+6357
2438	0906–7046	3582	1501+8303	5979	0002+6259
2531	0924–7943	3591	1506+8245	5980	0002–0249
2643	0948–7234	3594	1528–7555	5981	0002+5958
2664	0952–7522	3615	1556–8546	5982	0002+5602
2688	0959–7212	3620	1525+7959	5983	0002+6337
2715	1017+7706	3657	1606–7659	5984	0003+5944
2719	1017+7325	3689	1629–7552	5985	0004+6418
2744	1017–7030	3722	1647–7333	5986	0004+6055
2918	1057–7506	3724	1649–7245	5987	0004+4333

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
00 00 10.8	+64 25 49	6001				117.4	2.1		Aar90		2
00 00 36.8	+59 53 08	5973		13.2	11.1	116.6	−2.4		C 268, Ste, MaeSoy 35, CCCS 3212		1
00 00 50.8	+56 58 12	5974				116.0	−5.2		Kurtun		2
00 00 53.1	+61 34 57	5975		12.7	10.9	117.0	−0.7		C 269, MaeSoy 36, CCCS 3213, Ste		1
00 01 15.8	+60 21 19	5976	9.4	6.9	4.6	116.8	−1.9	N1p(Sh)	224855(Na), WZ Cas, CCCS 3214	R	0
00 01 29.7	+64 55 08	5977		16.0	13.4	117.7	2.6		MaeSoy 38, Ste		1
00 01 31.3	+63 57 42	5978	17.1	13.5	10.8	117.5	1.6		Kurt81, MaeSoy 39, Nik 25, Ste		1
00 02 03.1	+62 59 00	5979	19.7	14.9	11.5	117.4	0.6		Kurt81, MaeSoy 40, Nik 26, Ste	Var	1
00 02 08.1	−02 49 11	5980		9.9		94.9	−63.0	R0(Sh)	224959(R0), -3:5751, CCCS 3216	R	0
00 02 16.6	+59 58 09	5981		12.5	10.1	116.8	−2.3	N(Ste)	C 270, Ste, VB 8023-41,CCCS 3215	R	1
00 02 23.2	+56 02 30	5982		12.5		116.1	−6.2		BC 39		1
00 02 57.1	+63 37 27	5983	19.7	15.6	11.5	117.6	1.3		Kurt81, VB 8023-30,MaeSoy 42,Ste	R	1
00 03 00.8	+30 38 23	6002			13.8r	110.8	−31.1	N(Tot98)	Tot98		2
00 03 21.8	+08 47 42	6003		8.2		103.3	−52.2	C0,0CH(Yam)	26, Yam		3
00 03 41.8	+59 44 13	5984			12.4	116.9	−2.6		VB 8023-42, Nik 28, Ste		1
00 04 06.7	+64 18 50	5985		12.8	9.9	117.8	1.9		+63:2100, C 291,Ste, CCCS 3217	R	1
00 04 10.7	+60 55 23	5986		12.1	9.1	117.2	−1.4		C 271, Ste, VB 8023-40,CCCS 3218	R	1
00 04 36.4	+43 33 05	5987	12.3	8.5	6.0	114.0	−18.5	C6,4(Yam)	225217(Nb), SU And, CCCS 3219	R	0
00 05 24.9	+01 10 04	6004			12.9R	99.7	−59.6		Bot91-1		2
00 05 28.5	+63 54 53	1		15.1		117.9	1.5		VB 8023-29, MaeSoy 45		1
00 05 44.4	+65 30 57	2		15.9	12.6	118.2	3.1		MaeSoy 46, Ste		1
00 05 45.1	+59 29 49	3		15.4	13.1	117.2	−2.9		MaeSoy 47, Nik 29, Ste		1
00 06 13.3	+65 05 44	4		15.7	11.9	118.2	2.6		MaeSoy 48, Ste		1
00 06 14.6	+70 04 11	5	14.0	10.9	9.2	119.1	7.5		C 710, OR Cep, CCCS 1, AFGL 12	+	1
00 07 22.2	+43 55 11	7	13.4:	10.7:		114.6	−18.2	N(Ste),C6-,4(De)	D 234(R), HO And, Ste, CCCS 2		1
00 07 24.0	+64 52 53	6			11.4	118.3	2.4		Ste		1
00 07 34.6	+64 43 22	8	19.2	14.0	10.7	118.3	2.2		Kurt81, V706Cas, MaeSoy 49	R	1
00 07 35.7	+61 48 29	9	19.5	14.8	11.4	117.8	−0.6		Kurt81, VB 8023-37,MaeSoy 50,Ste	R	1
00 08 57.4	+62 42 46	10	14.2	10.1	8.0	118.1	0.2	R(Ste); C6,3(De)	C 30, Ste, VB 8023-36, CCCS 3		1
00 09 11.0	+65 01 23	11				118.5	2.5		Kurt88 1		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
00 11 09.4	+64 29 27	12	19.0	14.5	11.2	118.6	2.0		Kurt81, VB 8023-31,MaeSoy 52,Ste	R	1
00 11 35.4	+63 18 31	13		15.6	13.0	118.5	0.8		VB 8023-35, MaeSoy 53, Ste		1
00 12 04.8	+61 32 50	14		15.0	11.7	118.3	−1.0		VB 8023-38, MaeSoy 54,Nik 33,Ste		1
00 12 60.0	+67 04 42	15		17.5:		119.2	4.5		MaeSoy 55		1
00 13 00.0	+66 06 06	16		16.1	12.8	119.0	3.5		MaeSoy 56, Ste		1
00 13 11.7	+59 36 22	17	14.8	13.0		118.1	−2.9		Poul, NSV 88		3
00 13 16.3	+63 02 02	18		15.3	12.6	118.6	0.5		VB 8023-33, MaeSoy 57,Nik 34,Ste		1
00 13 21.5	−30 40 38	21	14.5			7.6	−80.9	R1-2=C2,3(Slet)	Slet, CCCS 5		3
00 13 22.9	+63 27 28	19	12.0	9.7	7.0	118.7	0.9	N(MSB);C6,2(Yam)	MSB 43, C 1, UX Cas, Ste, CCCS 4	R	1
00 13 26.1	+65 27 12	20		16.0	12.4	119.0	2.9		MaeSoy 59, Ste, Kurt88 3?, Ste		1
00 13 46.3	+68 17 32	22			10.7	119.4	5.7	N(BC)	BC 110, Ste		1
00 14 27.3	+69 12 17	23				119.6	6.6	R-N(BC)	Krum75, BC 111		1
00 14 30.9	+60 55 32	24	17.5	14.6	12.4	118.5	−1.6		Poul, MaeSoy 60, Nik 35, Ste, VB		1
00 14 44.4	+57 48 13	25	13.8	13.0		118.0	−4.7		Krum, CCCS 6, MaeSoy 61		1
00 15 01.2	+63 12 10	26	19.7	15.0	11.7	118.8	0.6		Kurt81, VB 8023-34,MaeSoy 62,Ste	R	1
00 15 01.7	+60 08 21	27	18.1	16.1		118.4	−2.4		Poul, NSV 100		3
00 15 53.5	+60 53 29	28	14.5	12.5		118.6	−1.7		Ste, Poul, MaeSoy 63		1
00 16 03.8	+56 09 55	29		10.5	10.6	118.0	−6.4		C 711, Ste, CCCS 7		1
00 17 17.4	+63 49 19	30		11.9	10.0	119.2	1.2		C 31, Ste(Cr), MaeSoy 64, CCCS 9		1
00 17 18.1	+10 52 06	31		11.2		109.5	−51.1	R(Ste)	Ste85	R	1
00 17 32.1	+50 17 15	32	11.6	7.5	7.1	117.4	−12.2	N(San);C4,4(Yam)	1306(Nb), ST Cas, +49:41,CCCS 10	R	0
00 17 51.1	+63 04 07	33		15.7	13.4	119.1	0.4		VB 8023-32, MaeSoy 65, Ste		1
00 18 16.7	+59 46 20	34	15.9	13.7		118.8	−2.8		Poul		3
00 19 04.1	+66 22 14	35		13.0	10.1	119.7	3.7		Kurtun, MaeSoy 66, Nik 37		1
00 19 54.0	+44 42 34	36		7.8	4.8	117.1	−17.8	N7(Sh);C4,5(Yam)	1546(Pec),VX And,CCCS 11,AFGL 50	R	0
00 20 04.9	+60 29 04	37	17.1	13.5	10.9	119.1	−2.2		Kurt81, Poul, MaeSoy 67, NSV 125	R	1
00 20 06.4	+61 59 19	38			13.8	119.3	−0.7		Ste		1
00 20 21.6	+01 12 09	39		11.4		106.9	−60.7	R(Ste)	Ste85		1
00 20 54.7	+65 44 56	40		16.5	11.4	119.8	3.1		MaeSoy 68, Ste		1
00 21 35.3	+59 14 56	41	13.9	12.5	10.1	119.1	−3.4		C 520, FQ Cas, Poul, CCCS 12	R	1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
00 21 47.9	−40 17 13	6005			6.4J	326.0	−75.5	c	Fou92, BE Phe		i
00 22 00.8	+63 30 38	42		15.3	12.8	119.7	0.8		VB 8024-3, MaeSoy 70, Nik 39,Ste		1
00 22 26.8	+59 11 34	43	12.7	9.6	7.8	119.2	−3.5	N(San);C4,3(Yam)	MSB 44, FR Cas,D 237(N),CCCS 13	R	1
00 22 37.7	+57 26 38	44	14.5	9.3	9.7	119.0	−5.2	N(BC)	BC 78, V409 Cas, Ste, MaeSoy 72		1
00 23 51.1	+62 38 16	6006				119.8	−0.1	IRAS C;c:(OLFHHS)	VKL92		i
00 23 55.9	+67 04 06	45		16.3	12.4	120.3	4.3		MaeSoy 73, Kurt88 4, Ste		1
00 23 56.2	+62 41 02	46		15.5	8.4J	119.8	−0.0		VB 8024-4, MaeSoy 74, Nik 41		1
00 24 07.0	+61 42 11	47	18.2	15.2	12.4	119.7	−1.0		Poul, VB 8024-9, MaeSoy 75, Ste	R	1
00 24 18.9	+56 52 56	48			12.8	119.2	−5.8		BC 79, Ste		1
00 24 25.9	+62 21 04	49		15.8	12.4	119.8	−0.4		VB 8024-5, MaeSoy 76, Ste		1
00 24 30.1	+64 38 21	50				120.1	1.9		Kurt 88 5		1
00 24 34.9	+54 17 38	53	10.6	9.5	8.0	119.0	−8.4	R5(Sh);C4,5(K-M)	1994(R5), NQ Cas, D 238, CCCS 14	R	0
00 24 39.3	+66 26 07	51		15.1	11.1	120.3	3.7		MaeSoy 77, Nik 42, Ste		1
00 24 40.2	+63 14 11	52		14.6		119.9	0.5		MaeSoy 78, Nik 43		1
00 25 12.2	+68 01 57	54		13.7	10.1	120.5	5.3	N(BC)	BC 112, MaeSoy 79, Ste		1
00 25 18.0	+66 17 09	55		15.4	11.7	120.3	3.5		MaeSoy 80, Nik 44, Ste		1
00 26 00.5	−19 18 48	6007			12.5J	84.8	−80.2	dC(GMM91)	LHS 1075,LP 765-18,Joy98		0
00 26 13.4	+57 42 19	56			13.8	119.6	−5.0		Ste		1
00 26 23.4	+61 18 06	57	17.7	14.6	12.5	119.9	−1.4		Poul, VB 8024-10, MaeSoy 81, Ste	R	1
00 26 37.1	+64 34 07	58		15.4	11.3	120.3	1.8		VB 8024-1, MaeSoy 82, Ste		1
00 26 53.6	+62 18 45	59			13.1	120.1	−0.4		VB 8024-6, Ste , Aar90		1
00 26 54.0	+17 33 33	61		11.8		114.7	−44.9		Ste85		1
00 27 22.1	+66 46 14	60		16.8	12.8	120.6	4.0		MaeSoy 83, Ste		1
00 27 26.2	+59 30 36	62		16.5	12.8	119.9	−3.2		MaeSoy 84, Nik 46, Ste		1
00 27 31.7	+35 35 39	65	9.9	8.6	5.8	117.5	−27.0	N(San);C5,4(Yam)	2342(Nb), AQ And, +34:56,CCCS 16	R	0
00 27 41.3	+69 38 49	6008		17.1	1.0L	120.9	6.9	IRAS C	GJBSW, V668 Cas, AFGL 67		i
00 27 44.5	+62 26 09	63		14.6	12.1	120.2	−0.3		VB 8024-7, MaeSoy 85, Ste		1
00 27 46.6	+62 11 12	64	16.0			120.2	−0.6	N(Ste)	Ste, CCCS 15		3
00 28 49.1	+62 28 37	66	14.7	12.7	10.4	120.3	−0.3		Poul, Ste, VB 8024-8, MaeSoy 86		1
00 29 08.2	+61 07 17	67	18.2	13.4	10.8	120.2	−1.6		C 32,Poul,Ste,VB 8024-11,CCCS 17		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
00 30 02.2	+57 44 10	68		12.4		120.1	−5.0		Poul		3
00 31 08.8	+64 01 31	69			13.1	120.7	1.2		VB 8024-16, Ste, Aar90		1
00 32 02.9	+30 32 33	6009		10.2		118.0	−32.1	C3,0ch(Yam)	+29 95, Yam		3
00 32 28.8	+64 55 07	70		16.4	12.4	120.9	2.1		VB 8024-17, MaeSoy 88, Ste		1
00 32 29.2	+61 54 00	71				120.7	−0.9		VB 8024-14		1
00 33 38.4	+60 18 56	73	17.6	14.3	12.4	120.7	−2.5		Kurt81,Poul,MaeSoy 89,Nik 47,Ste		1
00 33 49.4	+68 37 34	72			11.4	121.3	5.8		BC 113, Ste		1
00 33 58.8	+54 05 14	76				120.3	−8.7	N(BC)	BC 80		1
00 34 03.6	+62 08 15	6010			9.5J	120.9	−0.7		Aar90		1
00 34 05.5	+56 33 58	77				120.5	−6.2	R-N(BC)	BC 81		1
00 34 05.9	+62 00 20	75				120.9	−0.8		VB 8024-15		1
00 34 06.8	+66 31 40	74		15.4	11.1	121.2	3.7		MaeSoy 90, Nik 48, Ste		1
00 34 10.3	+58 10 47	78				120.7	−4.6		BC 82		1
00 34 15.8	+22 23 36	80		9.6:		117.7	−40.3	R(Van);C3,3(Yam)	+21:64, Van 3, Ste(R), CCCS 19	*	1
00 34 27.7	+66 43 28	79			13.1	121.3	3.9		Ste		1
00 35 03.1	+61 19 02	82	17.7	11.5	8.8	121.0	−1.5	N(Ste);C7,4e(De)	C 33,V826 Cas,Poul,Ste,VB 8024-13	R	1
00 35 14.0	+52 53 34	84				120.5	−9.9		Kurtun, Nik2 1		2
00 35 14.5	+70 44 54	81		13.0		121.6	7.9	N(BC)	BC 114, Ste		1
00 35 37.4	+58 00 26	86		10.7	9.4	120.8	−4.8		C 522, V382 Cas, Poul, CCCS 22	+R	1
00 35 40.7	+70 31 14	83	13.0	9.7	7.6	121.6	7.7	N(Ste)	D 239, CP Cas,C 712,Ste, CCCS 21	R	1
00 35 41.0	+64 09 09	85		13.6	11.0	121.2	1.3		Kurtun, VB 8024-18, Ste		1
00 35 42.0	+61 28 04	87	18.7	14.0		121.1	−1.3		Poul		3
00 35 49.9	+65 27 36	88		16.1	11.4	121.3	2.6		MaeSoy 94, Nik 49, Ste		1
00 35 53.0	+60 37 15	89		13.6	7.5J	121.0	−2.2		VB 8024-12, MaeSoy 95, Nik 50	R	1
00 35 54.6	+60 15 15	90				121.0	−2.6		Kurtun		2
00 36 05.1	−55 49 27	92	13.1			307.4	−61.2	N(May51)	May51, ST Phe, CCCS 23		2
00 36 38.0	+62 08 03	91	17.0	14.0		121.2	−0.7		Poul, NSV 222		3
00 37 30.9	+57 43 37	93		13.8	12.4	121.1	−5.1	N(BC)	BC 83, MaeSoy 96, Nik 51, Ste		1
00 37 50.0	+60 38 31	94	19.7	14.2		121.3	−2.2		Kurt81		2
00 38 06.6	+57 12 06	95	12.9		8.5	121.1	−5.6	C6,4e(De)	C 523, FX Cas, Ste, CCCS 24		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
00 38 49.3	+61 28 12	96	19.0	14.1		121.4	−1.4		Kurt81		2
00 39 39.1	+60 46 08	97	18.1	13.7	10.8	121.5	−2.1		C 34, Poul, VB 8024-26, CCCS 25	R	1
00 40 12.6	+67 22 16	98		14.4	10.7	121.8	4.5		BC 115, MaeSoy 98, Ste		1
00 40 13.6	+67 01 06	99		13.9	10.7	121.8	4.2		MaeSoy 99, Nik 52, Ste		1
00 41 25.5	+61 28 26	100	18.2	15.4	10.7	121.7	−1.4		Poul, VB 8024-25, MaeSoy 100,Ste	R	1
00 41 39.6	−26 19 15	102	13.3			52.7	−87.7	R0-1=C1,2(Slet)	Sto V-15, Slet,SandPhil, CCCS 26	R	1
00 42 27.8	+63 28 27	101		14.4	11.7	121.9	0.6		VB 8024-19, MaeSoy 101, Nik 54	R	1
00 42 45.5	+62 50 50	103			13.4	121.9	−0.0		VB 8024-20, Ste, Aar90		1
00 43 18.5	+60 37 53	104	15.9	13.5		121.9	−2.2		Poul		3
00 43 34.9	−29 18 08	6011	20.4	19.1	17.9	341.0	−87.2	dC(War93)	War93, Tot98		0
00 45 07.4	+53 26 48	105	9.6			122.0	−9.4	IRAS C	Lit 1, V720 Cas		1
00 45 32.0	+56 16 50	109	13. :			122.1	−6.6		Krum75, CCCS 27		3
00 45 33.3	+62 46 40	107		14.3	11.4	122.3	−0.1		VB 8024-1,MaeSoy 102,Nik 56,Ste		1
00 45 47.2	+65 09 43	108		12.9	10.6	122.3	2.3		MaeSoy 103, Nik 55, Ste		1
00 45 50.1	+69 33 42	106		11.8		122.4	6.7	N(BC)	BC 116, Ste		1
00 45 51.2	+62 29 54	110		15.9	11.1	122.3	−0.4		VB 8024-22, MaeSoy 104, Ste		1
00 46 17.9	+59 37 42	111	16.1	12.4	9.9	122.3	−3.2		C 524, Poul, MaeSoy 105, CCCS 28	R	1
00 46 42.5	+56 39 48	113	14.0		10.1	122.3	−6.2		C 525, GW Cas, CCCS 29		3
00 46 50.0	+62 06 34	112			10.0J	122.4	−0.8		VB 8024-23, Aar90		1
00 47 12.2	+67 18 27	114		13.9	10.1	122.5	4.4		BC 117, MaeSoy 106, Ste		1
00 47 23.8	+55 27 00	116				122.4	−7.4	R-N(BC)	BC 84		1
00 47 31.5	+63 56 53	115				122.5	1.1		Kurtun		2
00 47 51.4	+62 02 51	117			8.8J	122.5	−0.8		VB 8024-24, Aar90		1
00 48 17.6	−25 38 38	6012	20.9	19.5	18.0	97.4	−88.4	dC(War93)	War93, Tot98		0
00 48 19.0	+67 52 15	118			11.7	122.6	5.0		Ste		1
00 48 24.5	+68 27 38	119			12.4	122.7	5.6		Ste		1
00 48 35.0	+56 33 45	120	13. :			122.5	−6.3	R(Ste)	Krum75, CCCS 30		3
00 50 23.2	+63 17 18	121		13.8	11.0	122.8	0.4		C 35, Ste, VB 8024-29, CCCS 31	R	1
00 50 24.6	−19 04 37	124	13.2	11.4		121.2	−81.9	R1-2=C2,2(Slet)	-19:132,Slet, Ste, CCCS 32	R	2
00 50 56.9	+71 39 40	122				122.9	8.8	N(BC)	BC 118		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
00 51 04.8	+59 30 17	123		13.9	11.1	122.9	−3.4		Kurt78 1, MaeSoy 108, Nik 58,Ste		1
00 52 02.0	+67 24 52	125		13.0	9.5	123.0	4.5		C 292, Ste, MaeSoy 109, CCCS 33		1
00 52 25.4	+60 19 40	127		12.3	9.5	123.1	−2.5		C 526, Kurt78 2, CCCS 34	R	1
00 52 30.7	+64 51 40	126			12.4	123.0	2.0		VB 8024-33, Ste, Aar90		1
00 52 56.4	+60 11 44	128	14.9	11.9	10.4	123.1	−2.7	R:(Ste)	C 36, Ste, Kurt78 3, CCCS 35	R	1
00 53 04.2	+61 41 48	129			9.9J	123.1	−1.2		VB 8024-27, Aar90		1
00 53 14.2	+64 59 11	130		15.2	11.2	123.1	2.1		Kurtun, MaeSoy 112, Nik 59, Ste		1
00 53 33.1	+56 30 36	132				123.2	−6.4		Dol71b, CCCS 37		3
00 53 37.6	+63 20 22	131	14.8	10.1	8.3	123.2	0.5	C6,3(De)	C 37, OV Cas, Har, Ste, CCCS 36	R	1
00 54 13.5	+24 04 02	135		8.7		123.7	−38.8	R3(San),C2p(K-M)	5223(R), D 158(R), CCCS 39	R	0
00 54 33.4	+59 23 23	134	18. :	13.4		123.3	−3.5		Kurt78 4, MaeSoy 114, Nik 60	R	1
00 54 53.9	+58 33 49	136		8.2	7.7	123.4	−4.3	C9,1e(De)	5235(Mb), C 502, W Cas, CCCS 38	R	0
00 54 58.9	+72 05 21	133		13.5		123.2	9.2	N(BC)	BC 119, Ste		1
00 55 33.5	+68 29 00	137		11.4	7.8	123.3	5.6	N(Ste);C6-,4(De)	C 293, Ste, CCCS 40		1
00 55 40.7	+67 34 32	138			11.7	123.3	4.7		Ste		1
00 55 54.3	+61 55 16	139				123.5	−0.9		VB 8024-40		1
00 56 01.2	+64 06 36	140			12.8	123.4	1.2		VB 8024-31, Nik 61, Ste		1
00 56 20.5	+65 11 05	141		12.3	10.4	123.4	2.3		C 294, MaeSoy 116, Ste, CCCS 41		1
00 56 32.9	+59 39 44	142		15.7	11.1	123.6	−3.2		MaeSoy 117, V721 Cas, Nik 62, Ste		1
00 56 55.9	+64 27 01	143		13.8	9.9	123.5	1.6		C295, Ste, VB 8024-32, CCCS 42	R	1
00 57 18.0	−25 25 59	146		12.7		161.0	−87.9	CH(Feast77)	-26:304, Feast77		1
00 57 24.2	+64 55 36	144			12.5	123.6	2.1		VB 8024-34, Nik 63, Ste		1
00 58 30.5	+67 47 26	145				123.6	4.9		Nik 64		3
00 58 36.2	+62 24 41	147		15.9	12.1	123.8	−0.4		VB 8024-38, MaeSoy 119, Ste		1
00 58 50.7	+65 13 21	148			12.9	123.7	2.4		Ste		1
00 59 09.0	+63 48 50	149		12.5	10.0	123.8	1.0		C 38, Ste, VB 8024-37, CCCS 43	R	1
00 59 24.8	+60 44 21	150	13.5	11.9	10.4	123.9	−2.1		C 39, V722 Cas, Kurt78 5, CCCS 44	R	1
00 59 32.6	+39 20 10	154	13.7			124.6	−23.5	R0(Ste)	Ste, CCCS 46	R	1
00 59 34.1	+55 19 04	153		10.9:		124.1	−7.5	N(BC)	BC 85, Ste		1
00 59 41.2	+66 25 17	151			12.1	123.8	3.6		Ste		1

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01 00 05.3	+67 37 20	152		13.0	10.2	123.8	4.8		C 296, MaeSoy 122, Ste, CCCS 45		1
01 00 05.5	+56 52 42	156	14.9	12.5		124.1	−6.0		NassCam, HL Cas, Ste, CCCS 47		1
01 00 15.4	+59 12 21	158	18. :		12.4	124.1	−3.6		Kurt78 6, Nik 66, Ste		1
01 00 16.7	+60 20 22	157	13.8			124.0	−2.5	R(Ste)	Ste, CCCS 48	R	3
01 00 31.6	+67 20 36	155		14.8	11.1	123.8	4.5		MaeSoy 123, Nik 65, Ste		1
01 00 48.2	+62 16 12	160	18. :	14.1	11.4	124.0	−0.6		Kurt78 7, VB 8024-39, MaeSoy 125	R	1
01 00 55.4	+67 20 43	159		13.5	9.0	123.8	4.5		C 297, Ste, MaeSoy 124, CCCS 49		1
01 01 09.8	+64 32 45	162			12.4	124.0	1.7		VB 8024-35, Ste, Aar90		1
01 01 19.5	+68 43 03	161		13.5	9.5	123.8	5.9		C 298, Ste, CCCS 50		1
01 02 10.3	+64 05 41	164		15.2	12.1	124.1	1.2		VB, MaeSoy 126, Nik 68, Ste		1
01 02 37.7	+71 50 18	163		12.1		123.8	9.0	R-N(BC)	BC 120, Ste		1
01 02 41.6	−16 03 02	6013			14.5R	136.8	−78.6		Bot91-23		2
01 02 43.6	+61 51 43	165	13.4	10.6	8.0	124.3	−1.0	LR or N(Har)	D 240(R), HO Cas, C 40, CCCS 52	R	1
01 03 02.9	+60 07 28	166	16.7			124.4	−2.7		Ste, Kurt78 9, CCCS 51		2
01 04 36.1	+61 22 40	167		12.1	9.5	124.5	−1.5		C 41, Ste, Kurt78 10, CCCS 53	R	1
01 05 00.0	−05 40 04	6014			15.3R	132.1	−68.3	N(Tot98)	Bot91-7		2
01 05 06.1	−10 49 22	6015			15.0r	134.7	−73.4	R(AGAA92);CH(GAM)	AGAA92, AGHA97(R0-1), GAM		3
01 05 08.8	+61 34 58	168	18. :	13.1	11.0	124.6	−1.2		Kurt78 11, MaeSoy 129,Nik 69,Ste		1
01 05 25.1	+61 35 41	169	18. :	13.6	11.4	124.6	−1.2		Kurt78 12, MaeSoy 130,Nik 70,Ste		1
01 06 53.7	+54 54 44	171				125.2	−7.9	R-N(BC)	BC 86		1
01 07 09.2	+62 48 32	170		14.7	11.7	124.7	−0.0		MaeSoy 131, Nik 71, Ste		1
01 08 42.3	+70 15 30	172		13.5		124.4	7.4	N(BC)	BC 121, Ste		1
01 08 44.6	+64 40 44	173	16.0	13.0	10.4	124.8	1.9	N(Ste)	Ste, MaeSoy 132, CCCS 54		1
01 08 57.0	+65 21 35	174			12.7	124.8	2.6		Ste		1
01 09 10.4	+62 56 20	175		14.3		124.9	0.1		MaeSoy 133, Nik 72		1
01 09 11.2	−28 21 53	177	12.8	12.4		231.4	−85.9	R1-2=C2,4:(Slet)	Sto IV-39(R), AM Scl, Phil67	R	1
01 10 14.9	+61 54 19	176	18. :	15.1	13.1	125.1	−0.9		Kurt78 13, MaeSoy 134, Nik 73	R	1
01 11 02.8	+64 45 09	178			13.6	125.0	2.0		Ste		1
01 11 06.1	+53 41 56	180	12.9	9.8	8.4	125.9	−9.1	Ne(San)	MSB 45, HV Cas, D 241(N),CCCS 56	R	2
01 11 24.7	+00 00 01	6016			15.1R	133.8	−62.5		Bot91-3		2

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
01 11 27.1	+63 13 31	179		14.7	12.4	125.2	0.4		MaeSoy 135, Nik 74, Ste		1
01 11 34.4	+60 09 40	181	18. :	13.0		125.4	−2.6		Kurt78 14, MaeSoy 136, Nik 75		1
01 11 40.4	+60 11 38	183		15.8	13.8	125.4	−2.6		MaeSoy 137, Ste		1
01 11 58.8	+63 39 48	184		14.7	11.4	125.2	0.9		MaeSoy 138, Nik 76, Ste		1
01 12 10.2	+68 41 19	182				124.8	5.9		Kurtun		2
01 12 31.5	+62 11 10	185	18. :	14.7	12.4	125.4	−0.6		Kurt78 15, MaeSoy 139	R	1
01 12 41.9	+59 44 51	186		13.5	11.7	125.6	−3.0		BC 50, MaeSoy 140, Ste		1
01 12 59.4	+60 22 10	187		12.8	11.2	125.6	−2.4		C 42, Kurt78 17, Ste, CCCS 57	R	1
01 13 09.3	+59 51 10	188	15.3	11.2:	10.4	125.7	−2.9		C 43, Ste, V461 Cas, Kurt78 18	R	1
01 13 44.6	+62 57 35	189		12.5	7.5	125.5	0.2	C6,3:(De)	C 44,Ste(Cr),CCCS 59,AFGL 177	R	1
01 13 45.3	−13 30 12	193	14.0			145.0	−75.4	R0-1=C1,3 (Slet)	Slet, CCCS 61		3
01 14 13.8	+65 51 41	190		11.4	8.2	125.3	3.1		C 299, Ste, MaeSoy 144, CCCS 60		1
01 14 23.2	+61 57 48	191				125.6	−0.8		Nik 79		3
01 14 32.4	−48 15 07	196		9.9		292.4	−68.4	R0(HD);C1,2(War)	7526, -48:313, CCCS 62		0
01 14 34.7	+64 47 54	192		15.1	13.1	125.4	2.0		MaeSoy 145, Nik 78, Ste		1
01 15 35.5	+65 24 18	194		16.0	13.4	125.4	2.7		MaeSoy 146, Nik 80, Ste		1
01 15 41.3	+63 39 28	195			12.8	125.6	0.9		Nik 81, Ste		1
01 16 05.0	+25 46 10	198	8.8	6.7	4.4	129.9	−36.8	N0(Sh);C7,3(K-M)	7561, Z Psc, +25:205, CCCS 63	R	0
01 16 35.3	+57 38 04	197	16.6	13.2	12.1	126.3	−5.1	N(BC)	BC 51, MaeSoy 147, NSV 452, Ste	R	1
01 17 07.2	+62 50 33	199		15.5	12.6	125.9	0.1		MaeSoy 148, Ste		1
01 17 33.0	+68 20 28	200			12.7	125.3	5.6		Nik 82, Ste		1
01 17 33.3	+63 22 03	201				125.9	0.6	IRAS C	Lit 2		1
01 17 51.6	+67 13 52	6017			10.0K	125.5	4.5		GH76,V829 Cas,LSKR78,GWSK	R	i
01 18 31.3	+62 02 17	202		15.1	11.4	126.1	−0.7		MaeSoy 149, Nik 83, Ste		1
01 18 51.1	+66 40 25	203		13.7	10.7	125.6	3.9		MaeSoy 150, Nik 84, Ste		1
01 18 52.7	+58 09 32	205	16.9	12.2	9.7	126.6	−4.5		C 527, V645 Cas, MaeSoy 152, Ste	R	1
01 18 53.8	+62 52 59	204		11.7	9.2	126.1	0.2		C 45, Ste(Cr), CCCS 64	R	1
01 19 25.1	+65 56 13	206		16.3	11.9	125.8	3.2		MaeSoy 153, Ste		1
01 19 56.6	+57 06 33	209				126.8	−5.5		Nik 85		3
01 20 00.5	+54 02 27	210				127.2	−8.6		BC 87		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
01 20 10.4	+67 47 09	207			13.1	125.7	5.1		Ste		1
01 20 35.0	+71 34 24	208		13.8		125.3	8.8	N(BC)	BC 122, Ste(N)		1
01 21 22.4	+59 45 51	212	18. :	14.2	12.8	126.7	−2.9		Kurt78 19, MaeSoy 155,Nik 87,Ste		1
01 21 24.5	+61 02 44	211		14.0	12.0	126.6	−1.6		MaeSoy 154, Nik 86, Ste		1
01 21 37.6	+51 37 22	213		13.0		127.7	−11.0	N(Ste)	Ste, Kurtun		1
01 21 45.1	+58 56 28	6018				126.8	−3.7		KurNik88		3
01 22 43.9	+62 03 13	214		15.5		126.6	−0.6		MaeSoy 156		1
01 22 44.2	+60 18 43	215				126.8	−2.3		Kurtun		2
01 22 50.5	+54 38 54	216				127.5	−7.9	N(BC)	BC 88		1
01 23 25.4	+61 28 41	218			13.3	126.7	−1.2		Ste		1
01 23 38.5	+49 51 17	223		11.4		128.2	−12.7	N(Ste)	Ste85		1
01 23 38.9	+65 56 21	217		14.9	11.1	126.2	3.3		MaeSoy 157, Nik 89, Ste		1
01 23 39.7	+64 19 20	219		15.3	12.1	126.4	1.7		MaeSoy 158, Nik 90, Ste		1
01 23 47.0	+58 56 22	222				127.1	−3.7		Nik 91		3
01 23 48.9	+64 59 59	220		14.4	12.0	126.3	2.3		MaeSoy 159, Nik 88, Ste		1
01 23 52.9	+64 39 19	221			12.7	126.4	2.0		Ste		1
01 24 58.1	+64 46 16	224			12.4	126.5	2.1		Ste		1
01 25 02.4	+65 23 01	225		13.9	11.4	126.4	2.7		MaeSoy 160, Ste		1
01 25 18.8	+57 39 19	226		12.3	9.4	127.5	−4.9		C 528, MaeSoy 161, Ste, CCCS 66		1
01 26 13.7	+12 48 22	227		12.1	12.3r	136.0	−49.2	CH(Tot98)	Ste85		1
01 26 58.1	−32 32 35	234	9.1	6.2	3.7	250.2	−80.6	N(San);C6,5(War)	8879(Nb), HR 423, R Scl, CCCS 68	R	0
01 27 36.3	+62 47 00	228		13.8		127.1	0.2		MaeSoy 162, Nik 94		1
01 27 44.0	+62 06 40	232		14.0	11.1	127.2	−0.5		MaeSoy 164, Nik 96, Ste		1
01 27 46.1	+64 33 44	229		14.1	11.2	126.8	2.0		MaeSoy 163, Nik 93, Ste		1
01 27 51.9	+64 33 48	231		13.5	11.1	126.8	2.0		MaeSoy 165, Nik 95, Ste		1
01 27 57.1	+65 43 26	230		12.6	10.1	126.7	3.1		MaeSoy 166, Nik 92, Ste		1
01 28 36.8	+62 16 40	233	15.5	10.6	9.2	127.2	−0.3	N(Ste)	C 46, V390 Cas, Ste, CCCS 67	+R	1
01 29 42.0	+58 53 38	235	14.0	10.7	8.8	127.9	−3.6	R(Har);C4,4:(De)	C 529, D 242(R),Har,Ste, CCCS 69	R	1
01 29 47.8	+58 47 20	236	19.0	12.3	10.7	127.9	−3.7	N(BC)	BC 52, MaeSoy 169, NSV 521, Ste		1
01 30 44.8	+56 50 14	237			11.7	128.3	−5.6		Ste		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
01 33 32.7	+57 45 06	238		9.1	6.6	128.5	−4.7	N(San)	MSB 1(N), WW Cas, Ste, CCCS 70	R	0
01 34 15.9	+57 43 29	239		12.1	9.0	128.6	−4.7	N(Ste)	C 531, Ste, MaeSoy 171, CCCS 71	R	1
01 34 34.0	+59 05 29	240				128.5	−3.3		Kurtun		2
01 35 28.7	+49 22 40	242				130.3	−12.9	IRAS C	Lit 3		1
01 36 20.3	+65 51 56	241		14.7	11.1	127.5	3.4		MaeSoy 172, Nik 97, Ste		1
01 38 05.5	+55 58 11	244	15.4	12.5	8.4	129.5	−6.3		C 532, PT Cas, Ste, CCCS 72		1
01 38 40.9	+68 53 29	243				127.2	6.4	N(BC)	BC 123		1
01 39 45.2	−59 15 36	258	11.8			291.7	−56.8	R3(HD);C3,2(War)	10386, -59:308,Pots(R4), CCCS 77		3
01 40 08.2	+64 51 52	245		12.6	10.5	128.1	2.5		Kurtun, MaeSoy 173, Nik 98, Ste		1
01 40 21.2	+40 15 10	6019			10.8r	132.9	−21.7		AbrGig89b		3
01 40 25.4	+63 46 16	246				128.3	1.4		Kurtun		2
01 40 33.8	−18 56 51	256	13.0	11.4		179.6	−76.1	R0-1=C1,3(Slet)	-19:290, Slet, Ste(R), CCCS 76	R	1
01 40 35.7	+62 54 41	247		13.4	11.7	128.5	0.6		MaeSoy 174, Nik 99		1
01 40 56.2	+65 34 01	248		12.2		128.0	3.2		MaeSoy 175, Nik 100		1
01 41 35.9	+64 15 19	249		13.3	11.1	128.3	1.9		Kurtun, MaeSoy 176, Ste		1
01 41 58.2	+64 09 46	250		12.8	11.1	128.4	1.8		MaeSoy 177, Nik 101, Ste		1
01 41 59.7	+62 47 52	251		12.0:		128.7	0.5		Ste85(Cr)		1
01 42 08.6	+57 55 33	254		12.5:	10.1	129.6	−4.3		C 533, Ste, MaeSoy 178, CCCS 74		1
01 42 21.7	+63 05 13	253	14.0	10.9:	10.9	128.7	0.8		C 47, Har, Ste, CCCS 73	R	1
01 42 34.7	+66 02 16	252		13.6	11.1	128.1	3.7		MaeSoy 180, Nik 102, Ste		1
01 42 38.0	+63 36 35	255		10.9:	10.1	128.6	1.3		C 48, Ste(Cr), CCCS 75	R	1
01 43 01.5	+63 22 06	257		14.1		128.7	1.1		MaeSoy 182, Nik 103		1
01 43 19.9	+60 22 02	260		12.9	11.0	129.3	−1.9	N(BC)	BC 186, MaeSoy 183, Ste		1
01 43 57.4	+67 47 49	259			11.4	127.9	5.4		Ste, BC 218		1
01 43 58.2	+58 41 06	262		12.5	9.2	129.7	−3.5		C 534, Ste, MaeSoy 184, CCCS 78		1
01 44 37.5	+60 49 54	263		15.2	11.5	129.4	−1.4		C 49, MaeSoy185, Ste, CCCS 79		1
01 44 48.3	+61 55 12	264			13.8	129.2	−0.3		Ste, Aar90		1
01 45 07.6	+63 55 04	265		15.1	12.6	128.8	1.7		MaeSoy 186, Nik 104, Ste		1
01 45 08.6	+71 19 25	261				127.2	8.9	N(BC)	BC 124, Ste(Cr)		1
01 45 10.0	+53 57 09	268	11.3	9.9	6.6J	130.9	−8.1	R6(San)	10636(R5), +53:379, V547 Per	R	0

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
01 45 27.2	+62 55 09	266		12.9	10.4	129.0	0.7		C 50, MaeSoy 187, Ste, CCCS 80		1
01 45 35.6	+63 07 04	267		12.5	11.1	129.0	0.9		C 51, Ste, MaeSoy 188, CCCS 81		1
01 46 09.9	+64 52 50	269		13.1:	11.3	128.7	2.6		MaeSoy 189, Nik 105, Ste		1
01 46 12.0	+56 54 49	270			11.1	130.4	−5.2		Ste		1
01 46 40.5	+63 01 21	271		15.2	11.4	129.1	0.8		MaeSoy 190, Nik 106, Ste		1
01 47 04.7	+64 38 04	272		14.7:	12.0	128.8	2.4		MaeSoy 191, Nik 107, Ste		1
01 47 06.7	+64 39 05	274		13.6:	11.4	128.8	2.4		MaeSoy 192, Nik 108, Ste		1
01 47 12.2	+37 13 57	6020			13.5r	135.1	−24.3		AbrGig89b		3
01 47 15.7	+57 53 07	275		13.5	12.4	130.3	−4.2		MaeSoy 193, Ste		1
01 47 17.2	+52 55 57	278	14.0			131.4	−9.0	N(Har)	Har, CCCS 84		1
01 47 31.0	+59 03 20	277		13.5	11.1	130.1	−3.0		C 52, MaeSoy 194, Ste, CCCS 83		1
01 47 38.6	+60 41 43	6021				129.8	−1.4		Aar90		2
01 47 56.2	+64 32 54	276		14.6:	12.4	129.0	2.3		MaeSoy 195, Nik 109,Lit 4, Ste		1
01 48 21.1	+65 28 59	279				128.8	3.3		Nik 110		3
01 49 17.0	+63 39 30	280			13.6	129.3	1.5		Nik3 80, Ste		1
01 50 55.3	+57 28 51	282		12.5	9.1	130.9	−4.5		C 535, Ste, CCCS 85		1
01 51 07.7	+61 34 20	281		16.5	12.8	130.0	−0.5		MaeSoy 196, Nik 111, Ste		1
01 51 48.6	+61 40 01	284		14.2	11.7	130.0	−0.4		MaeSoy 197, Nik 112, Ste		1
01 52 03.2	+66 12 37	283		15.4:	12.1	129.0	4.1		MaeSoy 198, Nik 113, Ste		1
01 52 08.9	+59 35 55	286		12.5	11.4	130.6	−2.4	N(BC)	BC 187, MaeSoy 199, Ste		1
01 52 15.4	+56 58 04	289	14.3	12.2	9.9	131.2	−4.9		C 536, EW Per, Ste, CCCS 86	*R	1
01 52 16.7	+62 32 35	285			13.8	129.9	0.5		Ste, Aar90		1
01 52 18.6	+60 57 59	287		14.4		130.3	−1.0		MaeSoy 200		1
01 52 41.1	+64 34 37	288			11.2	129.4	2.5		Nik 114, Ste		1
01 53 16.2	+51 08 55	292		13.8		132.7	−10.5	R-N(Ste)	Ste85		1
01 54 13.8	+67 43 03	291			11.1	128.8	5.6		Ste		1
01 54 18.8	+69 54 44	290				128.3	7.7	N(BC)	BC 125		1
01 56 18.6	+66 50 34	294			11.9	129.3	4.8		Ste, BC 219		1
01 56 38.1	+59 15 34	295		9.7	7.6	131.2	−2.6	Ne(San)	D 245(N?), X Cas, C 53, CCCS 87	WPB, R	0
01 56 45.0	+59 18 45	296	15.5	12.2	10.5	131.2	−2.5		C 54, V481 Cas, Ste, CCCS 88	+R	1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
01 58 29.6	+55 12 59	297	¡19.	13.0	10.8r	132.5	−6.4	N(BC)	BC 89, V437 Per, Ste	R	1
01 58 51.1	+40 37 22	298		12.1		136.5	−20.5		Ste85		1
01 59 31.3	+67 44 14	6022				129.3	5.7		KurNik88		3
02 00 32.9	+59 40 10	300		14.0	12.2	131.6	−2.0		MaeSoy 203, Ste		1
02 00 36.5	+62 13 02	299			13.1	130.9	0.4		Ste, Aar90		1
02 00 49.2	+59 15 08	301		12.3	9.9	131.7	−2.4		C 537, MaeSoy 204, Ste, CCCS 89		1
02 01 28.0	+58 18 18	303		11.4	8.0	132.0	−3.3		C 538, V666 Cas, Ste, MaeSoy 205	R	1
02 01 42.3	+57 50 21	305	14.8	12.1	8.0	132.2	−3.8		C 539, BT Per, Ste, CCCS 91	R	1
02 01 50.5	+68 22 32	302			13.1	129.4	6.4		Ste		1
02 02 01.7	+63 27 30	304			11.0	130.7	1.7		Nik3 1, Ste		1
02 02 40.2	+61 06 13	306		12.9	11.1	131.4	−0.6		Kurtun, MaeSoy 207, Nik2 2, Ste	R	1
02 03 26.8	+64 15 17	307			11.7	130.7	2.5		Nik3 3, Ste		1
02 03 33.2	+55 52 55	6023				133.0	−5.6		KurNik88		3
02 04 01.6	+66 38 08	311				130.1	4.8		BC 220		1
02 04 43.2	+56 43 50	308				132.9	−4.7		Nik3 4		3
02 06 22.0	+55 32 43	6024				133.5	−5.8		KurNik88		3
02 06 39.2	+56 50 59	310	13.8		8.2	133.1	−4.5		C 540, CN Per, CCCS 92	R	1
02 06 58.5	+64 22 41	309				131.0	2.7		Nik3 5		3
02 07 22.2	+07 12 40	313		11.4		153.8	−51.0		Ste85		1
02 07 53.8	+65 38 23	312			11.4	130.7	3.9		Ste, Nik3 6		1
02 07 56.5	+66 52 24	311			10.7	130.4	5.1		Ste		1
02 09 46.9	+61 07 41	314		15.9	12.4	132.2	−0.3		MaeSoy 208, Nik3 7, Ste		1
02 10 12.0	−01 57 39	6025			12.8R	163.1	−58.5	N(Tot98)	Bot91-30		2
02 10 16.1	+58 14 28	315		14.5:	12.6	133.2	−3.1		MaeSoy 209, Nik3 8, Ste		1
02 11 56.6	+61 41 52	316			13.4	132.3	0.3		Ste		1
02 12 33.4	+64 15 16	317				131.6	2.8		Nik3 9		3
02 12 52.2	+64 38 49	318			10.7	131.5	3.1		Nik3 10, Ste		1
02 13 12.9	+67 00 24	319			10.4	130.8	5.4		Ste, BC 222		1
02 13 26.2	+60 32 37	6026				132.8	−0.7		Aar90		2
02 13 30.0	+46 21 05	322		13.5		137.4	−14.2		Ste85		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
02 13 32.4	+71 21 01	6027				129.5	9.5		BC 221		1
02 14 08.3	+47 39 44	324		11.4	11.0	137.1	−12.9	C-S(Ste)	Ste85, KL And(M0)	R	1
02 14 08.7	+64 30 51	321				131.7	3.1		Kurtun		2
02 14 11.4	+66 28 16	320			10.1	131.1	4.9		Ste, BC 223		1
02 14 48.1	+64 19 06	323				131.8	2.9		Nik3 11		3
02 15 00.0	+12 14 23	327	9.8	8.3		152.9	−45.7	R8(Sh),C5p,5(KM)	13826(Nb),+11:305,V Ari, CCCS 93	R	0
02 15 33.5	+64 16 10	325		11.2:	10.1	131.9	2.9		Kurtun, Ste, Nik2 3,Nik3 12, Ste	R	1
02 16 18.2	+62 53 23	326		14.2:	10.9	132.4	1.6		Kurtun, MaeSoy 210, Nik2 4	R	1
02 17 22.8	+60 35 31	329		13.5	11.0	133.3	−0.5		Nik3 15, Ste, SoyMae91		1
02 17 25.4	+64 59 53	328				131.9	3.6		Nik3 14		3
02 18 06.6	+28 36 48	6028			5.8K	145.0	−30.5	c;IRAS C(GJBSW)	OLFHHS, YY Tri		i
02 20 14.8	+48 15 27	334		11.4	9.1	137.8	−12.0	N(Ste)	C 713, Ste, CCCS 95		1
02 20 23.4	+01 10 40	6029			13.4R	163.6	−54.5	N(Tot98)	Bot91-31		2
02 20 26.8	+60 45 34	332			13.1	133.6	−0.3		Ste, Nik3 17		1
02 20 32.7	+62 32 02	330		12.2	9.4	133.0	1.4		C 300, Ste, SoyMae91, CCCS 94		1
02 20 41.4	+63 37 03	331			11.2	132.7	2.4		Ste, Nik3 16		1
02 21 36.9	+61 35 03	335		16.3	12.8	133.4	0.6		Nik3 18,Ste,Aar90,SoyMae91		1
02 21 38.7	+56 26 49	340			11.7	135.2	−4.3	wk C	Ste		1
02 21 49.7	+60 04 15	339		15.1	12.1	134.0	−0.8		IRAS 02181+5950, Nik3 19, Ste	R	1
02 21 51.3	+61 41 38	337		14.1	10.7	133.4	0.7		Ste, SoyMae91		1
02 22 14.3	+50 05 03	342		10.7		137.5	−10.2	N(D,Ste)	D 246, Har, Ste, CCCS 96		1
02 22 22.7	+66 51 29	336			10.1	131.7	5.5		Ste, BC 224		1
02 22 31.5	+66 59 42	338			10.4	131.7	5.7		BC 126(C:), Ste		1
02 22 41.4	+61 48 43	341		15.0	11.7	133.5	0.8		Nik3 20, Ste, SoyMae91		1
02 22 56.5	+73 40 21	333		13.0		129.3	12.0		Ste85		1
02 23 21.2	+48 43 40	344		11.0	9.1	138.2	−11.4	N(Ste);C6,2e(De)	C 714, D 247(N?), Ste, CCCS 97		1
02 24 21.0	+64 14 19	343				132.8	3.2		Nik3 21		3
02 24 47.0	+59 43 51	345		13.5	11.0	134.5	−1.0		C 55, Ste, CCCS 98, SoyMae91		1
02 25 04.6	+62 38 58	346		14.6	12.0	133.5	1.7		Nik3 22, Ste, SoyMae91		1
02 25 08.5	−13 23 24	353		11.4	9.0R	185.5	−64.2	N(Ste);CH(Tot98)	BidMac, Ste, Bot91-15	R	1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
02 25 58.7	+62 19 32	347			13.1	133.7	1.4		Ste, Aar90		1
02 26 52.7	+52 07 02	350	12.0	9.6	6.7	137.5	−8.0	N(San)	MSB 2(N), BS Per, Ste, CCCS 99	R	0
02 27 20.3	+59 54 55	349			13.7	134.7	−0.7		Ste, Aar90		1
02 27 31.1	+58 59 59	352		12.5	11.7	135.0	−1.6		IRAS 02238+5846,Bidun,Ste,Aar90	R	1
02 27 34.8	+63 36 58	348			12.0	133.4	2.7		Nik3 23, Ste		1
02 27 45.5	+59 51 45	354		15.0	12.2	134.8	−0.8		Nik3 25, Ste, SoyMae91		1
02 28 04.8	+64 58 27	351			10.8	132.9	4.0		Ste, Nik3 24		1
02 28 23.2	−07 21 54	357		9.4		176.7	−59.7	R0(Van)	-8:456, Van 6, CCCS 101	R	0
02 28 46.9	+26 47 41	6030			13.6r	148.4	−31.2	N(Tot98)	Tot98		2
02 29 15.3	−26 05 56	361		7.5	6.7	215.8	−68.1	Ne(San)	-26:892,R For,CCCS 103,AFGL 337	R	0
02 29 39.6	+56 11 32	355			9.5	136.3	−4.1		C 541, Ste, CCCS 100		1
02 30 14.0	+60 29 04	356			13.1	134.8	−0.1		Ste, Aar90		1
02 31 02.4	+48 49 42	360		11.1	7.8	139.3	−10.8	N(D)	D 249, C 715, CCCS 102		3
02 31 13.2	+60 02 09	6031			9.7J	135.1	−0.5		Aar90		1
02 31 15.6	−02 43 06	6032			14.5R	171.6	−55.9		Bot91-8		2
02 31 31.8	+64 54 57	359			10.9	133.3	4.1		Nik3 26, Ste		1
02 31 33.4	+65 42 46	358			12.1	133.0	4.8		Ste, BC 225		1
02 31 47.1	+52 23 03	363		11.8:	9.6	138.1	−7.5	R(Ste)	C 716, Ste, CCCS 104		1
02 32 20.9	−03 03 40	6033			15.8R	172.4	−55.9		Bot91-9		2
02 32 21.4	+59 51 29	364		15.9	12.4	135.3	−0.6		IRAS 02286+5938,Bidun,Nik3 27,Ste	R	1
02 32 44.7	+58 14 38	365	15.4	13.6	10.5:	136.0	−2.0		Dol68,SoyMae91,DU Per,Ste	+*R	1
02 32 46.3	+56 29 27	366	17.0		12.4	136.6	−3.7		IRAS, Bidun, Ste, LR Per		1
02 33 00.0	+58 02 03	6034			9.0K	136.1	−2.2		GH76,V596 Per,OLFHHS,GGHCG	R	i
02 33 45.5	+57 19 32	369			13.1	136.4	−2.8		IRAS 02301+5706,Bidun,Ste,Aar90		1
02 34 00.4	+61 58 57	368		14.9	12.6	134.7	1.5		Ste, Aar90, SoyMae91		1
02 34 18.8	+57 58 22	370		13.6	12.4	136.2	−2.2		Nik3 29, Ste, SoyMae91		1
02 34 22.3	+65 18 51	367			9.5	133.4	4.6		C 301, Ste, CCCS 106		1
02 34 43.6	+61 30 30	371		15.2	12.6	134.9	1.1		Ste, Nik3 28, SoyMae91		1
02 35 06.5	−09 26 34	378		8.3		182.0	−59.8	R3(Sh);C2,3(K-M)	16115(R3), Van 7(R2), CCCS 110	R	0
02 35 09.3	+59 55 22	6035			8.9J	135.6	−0.4		Aar90		1

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02 35 16.9	+56 08 41	372	11.5	10.6	7.7	137.1	−3.8	R8(Har);C5,4(De)	C 542, DY Per, Har,Ste, CCCS 107	R	1
02 35 36.3	+49 16 18	373			10.2	139.9	−10.1		C 717, CCCS 108		3
02 36 27.0	+59 00 41	375		14.9	12.4	136.1	−1.1		Nik3 30, Ste, SoyMae91		1
02 36 45.2	+62 52 27	374			11.7	134.6	2.4		Ste		1
02 37 09.9	+61 55 22	376		14.9	11.9	135.0	1.6		Nik3 31, Ste, SoyMae91		1
02 37 38.3	+52 58 36	379	14.0	10.9	8.8	138.7	−6.6	N(Ste); C7,4(De)	C 543, EH Per, Ste, CCCS 111	*	1
02 37 47.3	+64 49 04	377		11.5:	9.5	133.9	4.2		C 302, Ste, CCCS 109		2
02 38 07.3	+54 35 17	6036				138.1	−5.1	IRAS C;3.1(GJG94)	VKL92(C:)		i
02 38 08.6	+56 21 05	380		13.3	11.1	137.4	−3.5		IRAS 02345+5608,Bidun,Ste		1
02 38 22.7	+57 22 05	381				137.0	−2.6		Nik3 32		3
02 38 23.8	+39 10 10	387		10.1		144.6	−19.2	N(San)	16326(N), UY And, Ste, CCCS 113	R	0
02 38 36.7	+56 25 38	383		13.3	11.4	137.4	−3.4	N(BC)	Ste, BC 188		1
02 38 43.1	+55 45 59	384	13.3	11.0	7.8	137.7	−4.0	R4(San)	MSB 46(R3), VZ Per, CCCS 112	R	0
02 39 03.6	+59 07 29	386		14.8	12.0	136.4	−0.9		Nik3 35, Ste, SoyMae91		1
02 39 07.9	+62 14 53	382		14.2	11.4	135.1	2.0		Nik3 33, Ste, SoyMae91		1
02 39 40.0	+64 42 57	385			11.1	134.2	4.2		Nik3 34, Ste		1
02 40 29.1	+62 16 20	388		13.9	10.5:	135.2	2.0		Dol68, CCCS 114, Nik3 36, Ste	R	1
02 41 19.5	+63 55 40	390			12.4	134.7	3.6		Ste		1
02 41 40.0	+67 03 29	389			11.1	133.4	6.5		Ste, BC 226		1
02 42 46.3	+68 26 13	6037				132.9	7.7		BC 227		1
02 43 14.5	+62 35 04	392		14.7	11.5	135.4	2.5		Nik3 37, Ste, SoyMae91		1
02 43 32.4	+63 36 10	393		11.8:	10.4	135.0	3.4		Ste85, Nik3 38, Ste		1
02 43 45.0	+60 25 25	394		14.3	11.0	136.4	0.5		C 56, V492 Cas, Ste, CCCS 115	+	1
02 44 10.8	+62 03 55	395			12.8	135.7	2.0		Ste, V493 Cas, Aar90		1
02 44 11.1	+56 56 48	397			12.2	137.9	−2.6		Ste		1
02 44 30.8	+60 18 51	398		13.9	10.5:	136.5	0.5		Dol68,Ste,CCCS 117,Aar90,SoyMae91	R	1
02 44 38.8	+62 03 01	396		13.3	10.2	135.8	2.0		C 303, Ste, SoyMae91, CCCS 116		1
02 44 45.6	+59 01 45	6038		16.3	8.3J	137.1	−0.7		SoyMae91(C:), Aar90		1
02 45 14.8	+62 08 50	399		12.9	10.4	135.8	2.2		C 304, Ste, SoyMae91, CCCS 118		1
02 45 35.5	+61 13 15	400		15.5	12.4	136.2	1.3		Ste, Aar90, SoyMae91		1

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02 46 10.8	+47 07 30	403	12.2	10.1		142.4	−11.4	C6,3(De)	D 251(R), Har(LR), CCCS 119	R	1
02 46 36.0	+62 50 42	401		15.3	11.4	135.6	2.9		Nik3 39, Ste, SoyMae91		1
02 47 07.3	+68 10 51	6039				133.4	7.7		BC 228		1
02 47 32.0	+63 54 41	402			11.1	135.3	3.9		Nik3 40, Ste		1
02 47 38.7	+53 00 40	405			10.1	140.0	−6.0		C 545, Ste, CCCS 121		1
02 48 07.1	+62 58 29	404		13.1	9.9	135.7	3.0		C 305, Ste, SoyMae91 CCCS 120		1
02 48 50.0	+64 11 53	406			10.1	135.3	4.2		C 306, Ste, CCCS 122		1
02 49 29.7	+61 42 34	407		11.5	9.6	136.4	2.0		C 307, Ste, SoyMae91, CCCS 123		1
02 50 12.7	+60 01 30	408		13.4	10.8	137.3	0.5		C 57, Ste, SoyMae91, CCCS 124		1
02 50 39.6	+58 53 09	409		14.0	10.6	137.8	−0.5		C 58, Ste, CCCS 125, SoyMae91	R	1
02 51 13.7	+57 16 51	410			11.5	138.6	−1.9		Nik3 41, Ste		1
02 51 33.0	+57 50 36	6040		13.6	7.6J	138.4	−1.4		SoyMae91, Aar90		1
02 51 38.4	+56 53 21	411			11.9	138.8	−2.2		Nik3 42, Ste		1
02 52 01.7	+59 35 04	412		15.0	11.7	137.7	0.2		Nik3 43, Ste, SoyMae91		1
02 52 03.0	+38 28 50	417		11.7		147.4	−18.6	N(AbrGig93)	Kurt 80 1, Ste	R	1
02 52 52.5	+61 09 34	413		16.5	13.0	137.0	1.7		Kurt88 6, Ste, Aar90, SoyMae91		1
02 52 52.9	+54 24 32	416		12.3	8.5	140.1	−4.4	N(D)	D 252, C 546, CCCS 127		1
02 52 58.0	+61 04 00	414		15.3	12.7	137.1	1.6		Nik3 44, Ste, SoyMae91		1
02 53 03.5	+59 57 56	415	14.2	12.5	10.0	137.6	0.6	N(Ste)	C 59, Ste, CCCS 126, SoyMae91	R	1
02 54 03.4	+66 00 14	6041				135.0	6.0		BC 229		1
02 54 07.9	+58 15 57	419		15.8	13.1	138.5	−0.8		Ste, Aar90, SoyMae91		1
02 54 17.4	+62 47 00	418		13.9	7.6J	136.5	3.2		Nik3 45, SoyMae91, Aar90		1
02 54 19.0	+59 29 15	420		12.2	8.3	138.0	0.3		C 60, SoyMae91, CCCS 128		1
02 56 33.3	+63 58 33	421			11.1	136.1	4.4		Nik3 46, Ste		1
02 56 59.3	+47 55 45	423		11.0		143.7	−9.8	C6,4(De)	D 253(R),Har(LR-N),Ste, CCCS 129		1
02 57 22.5	+61 06 26	422				137.6	1.9		Kurt88 7		1
02 58 02.9	+57 38 22	425			13.1	139.2	−1.2		Ste, Aar90		1
02 58 21.9	+61 10 32	424		17.2:	14.0	137.6	2.0		Kurt88 8, Ste, Aar90, SoyMae91		1
02 58 24.7	+60 26 59	426			13.8	138.0	1.3		Ste		1
02 58 28.7	+57 04 09	427				139.6	−1.6		Nik3 47		3

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02 59 44.8	+65 32 15	428			11.1	135.7	5.9		BC 127, Ste		1
03 00 35.0	+62 25 04	429		14.2	11.2	137.3	3.2		Nik3 48, Ste, SoyMae91		1
03 01 13.7	+58 33 05	434				139.2	−0.2		BC 189		3
03 01 18.5	+60 44 15	6042			9.3J	138.2	1.8		Aar90		1
03 02 27.3	+44 38 25	6043			13.5r	146.1	−12.2		AbrGig90		3
03 03 01.7	+54 24 44	431		14.0	11.2	141.4	−3.7		Nik3 49, Ste, SoyMae91		1
03 04 02.0	+66 51 13	430				135.4	7.3	IRAS C	Lit 5		1
03 04 05.0	+58 18 52	432		15.0	12.4	139.6	−0.2		Nik3 50, Ste, SoyMae91		1
03 04 52.9	+57 02 13	433		15.5	12.4	140.3	−1.3		Nik3 51, Ste, SoyMae91		1
03 05 35.1	+55 33 29	435		15.9	12.2	141.2	−2.5		Ste, SoyMae91		1
03 05 35.9	+55 17 25	436				141.3	−2.7		Nik3 52		3
03 07 04.5	+61 03 13	438		16.2	12.8	138.6	2.4		Ste, SoyMae91		1
03 07 09.1	+60 00 48	439		15.4	12.4	139.1	1.5		Ste, SoyMae91		1
03 07 12.0	+62 41 16	437		15.4	11.7	137.8	3.8		Ste, SoyMae91		1
03 07 32.3	+62 25 34	440		15.1	11.2	138.0	3.6		Nik3 53, Ste, SoyMae91		1
03 08 43.4	+63 47 50	441			11.9	137.4	4.9		Ste, BC 230		1
03 08 48.9	+27 56 22	444		12.1		156.6	−25.8		Ste85		1
03 09 24.9	+40 36 41	446				149.4	−15.1		Kurt80 2		2
03 09 46.1	+45 57 50	447		11.0		146.6	−10.5	N(D); C5+,4e(De)	D 254, V409 Per, Ste, CCCS 130		1
03 10 08.2	+52 54 26	445		12.1	11.1	143.1	−4.5		Nik3 55, Ste, SoyMae91		1
03 10 28.6	+58 47 34	442		15.1	12.4	140.1	0.6		Nik3 54, Ste, SoyMae91		1
03 10 31.1	+48 31 02	450		14.5	12.8r	145.4	−8.2		BC 53		1
03 10 40.0	+66 04 29	6044				136.4	6.9		BC 231		1
03 10 41.0	+54 19 50	448		15.0	12.7	142.4	−3.2		Ste, SoyMae91		1
03 11 17.1	+64 39 06	443			10.7	137.2	5.7		Ste, BC 232		1
03 11 25.3	+57 54 11	451	8.7	7.3	4.1	140.7	−0.1	R5(Sh);C4,5(K-M)	19557(R5), +57:702, V623 Cas	R	0
03 11 25.5	+59 59 37	449		15.3	12.8	139.6	1.7		Ste, SoyMae91		1
03 11 40.4	+54 31 53	452		13.6	10.1	142.4	−2.9		C 547, Ste, SoyMae91, CCCS 132		1
03 12 15.1	+53 04 29	456		14.7	11.4	143.3	−4.2		Nik3 58, Ste, SoyMae91		1
03 12 21.1	+58 24 10	454		15.6	12.5	140.5	0.4		Nik3 57, Ste, SoyMae91		1

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03 12 33.1	−57 19 18	471		5.2	1.6J	273.3	−50.9	N(San);C7,2(War)	20234(Na),Epc90,TW Hor,CCCS 136	R	0
03 12 41.5	+62 24 29	453		15.0	12.4	138.5	3.9		Nik3 56, Ste, SoyMae91		1
03 12 41.9	+60 58 07	455		17.5:	13.9	139.2	2.7		Ste, SoyMae91		1
03 13 35.8	+58 50 25	6045		15.2		140.4	0.9		SoyMae91		1
03 13 38.6	+47 49 34	461	12.5	9.1	6.5	146.2	−8.5	Np(San)	19881(Np), +47:783, V410 Per	R	0
03 13 53.6	+57 50 52	459		15.2	11.7	141.0	0.1		Nik3 60, Ste, SoyMae91		1
03 13 53.7	+58 47 10	458				140.5	0.9		Kurtun, Nik2 5, Nik3 59		2
03 13 56.2	+62 56 05	457		11.8	9.2	138.3	4.4		C 308, Ste, CCCS 133		1
03 14 24.5	+07 44 45	6046		16.9	15.7r	172.9	−40.9	C 1,2(GMAC)	GMAC		0
03 14 38.5	+58 13 04	462		14.3	11.2	140.9	0.4		Nik3 61, Ste, SoyMae91		1
03 15 12.7	+60 11 32	463			11.4	139.9	2.1		Ste		1
03 15 19.5	+57 04 52	464		16.8:	12.6	141.5	−0.5		Ste, SoyMae91		1
03 15 37.7	+67 06 39	460				136.3	8.1		BC 128		1
03 15 45.1	+55 13 17	466		16.7:	12.6	142.6	−2.0		Nik3 63, Ste, SoyMae91		1
03 15 55.3	+61 55 51	6047				139.1	3.7		GEAS97		i
03 15 59.4	+61 09 21	465		15.6	12.4	139.5	3.0		Nik3 62, Ste, SoyMae91		1
03 16 26.4	−28 10 48	478		10.2		223.4	−58.0	R(Sto)	Sto V-45, BidMac, CCCS 138	R	0
03 16 40.8	+58 23 54	467	16.4	12.0	9.0	141.0	0.7	N(D,Ste); C5,3	D 257, C 61, Dol62,Ste, CCCS 135	R	1
03 17 15.1	+55 39 40	470			13.9	142.5	−1.6		Ste		1
03 17 22.4	−01 30 57	479	13.3	11.6		182.9	−46.7		Dril72, CCCS 139		3
03 17 36.4	+59 41 53	469		14.7	12.1	140.4	1.9		Nik3 64, Ste, SoyMae91		1
03 17 54.5	+66 40 18	468				136.7	7.8		BC 129		1
03 18 12.6	+58 21 17	472			13.4	141.2	0.8		Ste		1
03 18 39.5	+64 14 09	6048				138.1	5.8		BC 233, KurNik88		1
03 18 49.3	+61 28 15	473		13.6	10.1	139.6	3.5		C 309, CCCS 137, Kurt88 9, Ste	R	1
03 18 49.6	+33 09 33	480				155.3	−20.3	IRAS C	Lit 6		1
03 18 51.1	+10 17 00	6049			12.6r	171.7	−38.3	CH(Tot98)	Tot98		2
03 19 13.8	+58 41 59	475		15.2		141.1	1.2		Nik3 66, SoyMae91		1
03 19 14.6	+61 59 10	474		13.6	11.1	139.4	3.9		Nik3 65, Ste, SoyMae91		1
03 19 14.8	+56 33 19	476		17.6:	13.6	142.3	−0.7		Ste, SoyMae91		1

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03 19 37.3	+54 33 52	477		15.5	12.0	143.4	−2.3		Ste, SoyMae91		1
03 20 16.3	+54 41 12	481		15.4	12.0	143.4	−2.2		Nik3 67, Ste, SoyMae91		1
03 21 21.4	+62 45 40	482		15.0	11.7	139.2	4.7		Ste, SoyMae91		1
03 21 23.0	+54 07 49	484		15.7	12.0	143.8	−2.5		Nik3 68, Ste, SoyMae91		1
03 21 28.2	+65 26 43	6050				137.7	7.0		BC 234		1
03 22 14.7	+47 57 00	487		13.4	11.8r	147.3	−7.6	N(BC)	BC 54, SoyMae91		1
03 22 20.7	+62 53 24	483		14.9	11.1	139.2	4.9		Nik3 69, Ste, SoyMae91		1
03 22 27.4	+55 16 20	485		16.1	11.7	143.4	−1.5		Nik3 70, Ste, SoyMae91		1
03 22 49.4	+56 01 13	486		13.2	10.9	143.0	−0.8		C 62, Ste, SoyMae91, CCCS 140		1
03 22 51.5	−65 16 28	501				281.6	−45.1	R(May51)	May51, CCCS 144		2
03 23 06.1	+56 53 01	488			14.1	142.5	−0.1		Lit 7, Ste		1
03 23 36.2	+70 27 00	6051			1.3L	135.1	11.3	IRAS C	GJBSW, V701 Cas, AFGL 482		i
03 24 16.7	+60 35 42	489		14.2	11.1	140.6	3.1		Kurtun, Nik2 6, Nik3 71, Ste	R	1
03 24 24.8	+54 45 38	490		16.3	11.2	143.9	−1.8		Nik3 72, Ste, SoyMae91		1
03 24 48.0	+63 00 28	6052		13.6		139.4	5.1		SoyMae91		1
03 24 54.7	+51 39 12	491		12.6	9.2	145.7	−4.3	N?(D)	D 258,C 548,Ste,SoyMae91,CCCS 141		1
03 25 03.1	+51 46 31	492			13.8	145.6	−4.2		Nik4 1, Ste		1
03 26 29.4	+47 31 50	496		11.8	8.6	148.2	−7.6	N(D)	D 259, V384 Per, Pes67, CCCS 142	R	1
03 26 33.6	+61 03 06	493			13.4	140.6	3.6		Ste		1
03 26 50.2	+52 05 15	495		13.3	11.1	145.7	−3.8		Nik4 2, Ste, SoyMae91		1
03 27 02.3	+58 01 44	494			13.8	142.4	1.2		Ste		1
03 27 06.8	+51 48 06	498		15.2	13.1	145.9	−4.0		Ste, SoyMae91		1
03 27 11.7	+62 40 22	6053		15.0		139.8	5.0		SoyMae91		1
03 27 24.6	+48 20 14	6054		15.6		147.8	−6.8		SoyMae91		1
03 27 31.7	+60 22 34	6055		16.1		141.1	3.1		SoyMae91(C:)		1
03 27 34.0	+39 05 24	6056			12.2r	153.2	−14.4		AbrGig89b		3
03 27 42.4	+44 10 36	500		8.1		150.3	−10.2	R4e(San)	21280(Nb), Y Per, CCCS 143	WPB, R	0
03 27 58.9	+60 44 54	497				140.9	3.5	IRAS C	Lit 8		1
03 28 12.0	+20 40 47	503		13.5		165.4	−29.0	rr,(C)(Ste)	Ste, IRAS	R	1
03 28 23.7	+58 55 54	499		15.8	12.8	142.0	2.0		Ste, SoyMae91		1

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03 29 15.6	+54 07 14	502		16.5	13.6	144.8	−1.9		Ste, SoyMae91		1
03 30 42.0	+44 35 28	505		10.8		150.5	−9.6	C5+,5(De)	D 261(R),Perr59,Ste(N), CCCS 146		1
03 31 00.0	+60 47 38	504		11.2	9.4	141.2	3.7		C 310, Ste(Cr), SoyMae91,CCCS 145		1
03 31 24.5	+51 30 21	508		16.3		146.6	−3.9	IRAS C	Lit 9, SoyMae91		1
03 31 40.8	+39 13 10	6057			12.8r	153.8	−13.9		AbrGig89b		3
03 31 43.7	+59 05 37	6058		14.4		142.3	2.4		SoyMae91		1
03 32 02.7	+51 05 21	510		13.2	9.9	146.9	−4.2		C 549, Ste, SoyMae91, CCCS 147		1
03 32 10.4	+60 29 42	507		14.9	11.4	141.5	3.6		Nik3 73, Ste, SoyMae91		1
03 32 27.0	+51 56 49	511		14.2	11.5	146.4	−3.4		Nik4 3, Ste, SoyMae91		1
03 32 32.1	+41 26 26	515		11.0		152.6	−12.0	N(D)	D 161, D 263, V513 Per, Ste	**R	2
03 32 37.9	+01 58 04	6059			11.5J	182.6	−41.5	dC(DLKSH77)	G77-61,LHS 1555,Joy98		0
03 32 55.6	+52 44 13	514	14.4	11.1	8.1	146.1	−2.7	R(D)	D 262, BI Per,C 63,Ste, CCCS 148	R	1
03 33 00.2	+63 30 44	509			12.4	139.8	6.1		Ste		1
03 33 00.4	−28 05 16	525	13.4			224.1	−54.4	R(Sto)	Sto V-46, CCCS 150		1
03 33 30.2	+60 48 25	512				141.5	3.9	IRAS C	Lit 10		1
03 33 49.3	+61 36 19	513		15.3	12.4	141.0	4.6		Nik3 74, Ste, SoyMae91		1
03 34 03.7	+52 38 12	518		14.1	11.4	146.2	−2.7		Nik4 4, Ste, SoyMae91		1
03 34 07.5	+57 08 45	516				143.6	1.0	IRAS C	Lit 11		1
03 34 34.8	+54 33 08	519		14.0	11.1	145.2	−1.1		Nik4 5, Ste, SoyMae91		1
03 34 37.7	+72 38 47	506		13.0		134.5	13.5		Ste85(Cr)		1
03 34 49.1	+61 37 59	517		14.0	11.1	141.1	4.7		BC 130, Ste, SoyMae91		1
03 35 06.2	+56 33 43	6060				144.1	0.6	c	GEAS97		i
03 35 30.6	+61 08 47	6061				141.5	4.3	c	VKL92, OLFHHS		i
03 36 05.0	+50 09 46	524		13.8	12.4	148.0	−4.5		Nik4 7, Ste, SoyMae91		1
03 36 05.5	+52 17 37	521		15.1	12.8	146.7	−2.8		Nik4 6, Ste, SoyMae91		1
03 36 29.3	+62 14 19	520		14.7		140.9	5.3		Kurt88 10, SoyMae91		1
03 36 33.8	+55 48 54	523		17.3:	13.5	144.7	0.1		Ste, SoyMae91		1
03 36 40.2	+57 29 26	522		18.7:	13.8	143.7	1.4		Ste, SoyMae91		1
03 36 53.2	+52 26 36	527		15.2	12.8	146.7	−2.6		Nik4 8, Ste, SoyMae91		1
03 37 08.5	+55 13 20	528			13.8	145.1	−0.3		Ste		1

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03 37 57.7	+57 29 36	529		16.1	13.4	143.9	1.6		Ste, SoyMae91		1
03 38 52.8	+54 47 59	530		17.5:	13.1	145.6	−0.5		Ste, SoyMae91		1
03 38 55.9	+53 11 44	532		13.3	10.8	146.5	−1.8		Nik4 9, Ste, SoyMae91		1
03 39 17.5	+70 53 02	526		12.1		135.9	12.4		Ste85		1
03 39 42.7	+52 08 17	536	14.9	12.0	8.1	147.2	−2.6		C 64,BK Per,Ste,SoyMae91,CCCS 152		1
03 39 57.2	+62 27 26	6062		14.2		141.1	5.7		KurNik88, SoyMae91		1
03 39 58.3	+61 41 25	531		13.6		141.6	5.1		Nik3 75, SoyMae91	R	1
03 40 06.7	+58 29 08	533		13.5	10.7	143.5	2.5		Nik3 76, Ste, SoyMae91		1
03 40 17.3	+38 45 40	6063			12.2r	155.5	−13.2		AbrGig89b		3
03 40 19.7	+59 05 52	534		16.7:		143.2	3.0		Nik3 77, SoyMae91	R	1
03 40 31.4	+55 43 41	537		17.8:	14.1	145.2	0.3		Ste, SoyMae91		1
03 40 32.7	+51 30 23	539		14.8	12.4	147.7	−3.0		Nik4 10, Ste, SoyMae91		1
03 40 40.4	+61 05 04	535		14.3	9.4	142.0	4.6		C 311, SoyMae91, CCCS 151	R	1
03 41 29.7	+51 30 10	541	11.8	8.4	3.7	147.8	−3.0	N(San);C5,5(Yam)	232820(N), V466 Per, CCCS 155	R	1
03 41 38.4	+64 13 29	538			10.2	140.2	7.2		C 718, CCCS 153		3
03 41 48.2	+62 38 54	540	11.0	6.9	5.1	141.1	6.0	N5(Sh);C5,4(Yam)	22611(Nb), U Cam, CCCS 154	WPB, R	0
03 42 07.4	+57 52 20	542		13.1	11.1	144.1	2.2		Ste, SoyMae91		1
03 42 22.6	+52 30 19	544				147.3	−2.1		Nik4 11		3
03 42 32.6	+53 10 29	545		15.2	12.7	147.0	−1.5		Ste, SoyMae91		1
03 42 41.0	+59 37 03	543				143.1	3.6	IRAS C	Lit 12		1
03 42 47.9	+50 08 28	547		12.8	11.1	148.8	−3.9		Nik4 12, Ste, SoyMae91		1
03 42 56.1	+54 33 35	546		16.7:	14.0	146.2	−0.4		Ste, SoyMae91		1
03 43 28.8	+07 10 58	6064			13.0r	179.8	−36.1	N(Tot98)	Tot98		2
03 43 48.8	+53 23 18	549		16.8:		147.0	−1.2		Kurt88 11, SoyMae91		1
03 43 51.3	+53 07 14	550			13.8	147.2	−1.4		Ste		1
03 44 14.6	+54 33 28	551				146.3	−0.3		Kurt88 12		1
03 44 17.0	+63 20 33	548		12.0:		140.9	6.7		Ste85(Cr)		1
03 44 49.2	+52 50 28	552		17.6:		147.4	−1.6		Kurt88 13, SoyMae91		1
03 45 03.2	+44 46 44	556	11.8	9.7	7.0	152.4	−7.9	N(San);C6,3(Yam)	+44:788, MSB 4, AC Per, CCCS 157	R	1
03 45 09.4	+56 21 01	553		15.6	9.0	145.3	1.2		C 312, SoyMae91, CCCS 156	R	1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
03 45 15.6	+53 55 09	555		15.8	12.4	146.8	−0.7		Nik4 13, Ste, SoyMae91	R	1
03 45 34.8	+57 09 02	554		14.4		144.9	1.9		Nik3 78, SoyMae91		1
03 45 44.9	+51 24 17	558		13.7	11.7	148.4	−2.6		Nik4 14, Ste, SoyMae91		1
03 46 10.3	+56 41 49	557		12.2	10.7	145.2	1.6		Ste, SoyMae91		1
03 46 22.7	+51 39 08	559		14.7	12.2	148.4	−2.4		Ste, SoyMae91	R	1
03 46 33.1	+52 42 18	560		13.8	11.2	147.7	−1.5		Nik4 16, Ste, SoyMae91		1
03 46 53.2	+53 16 17	562		15.3	12.8	147.4	−1.0		Nik4 15, Ste, Kurt88 14, SoyMae91		1
03 47 33.8	+60 15 03	561		13.5		143.2	4.5		Ste85(Cr), Nik3 79, SoyMae91		1
03 48 18.0	+44 42 02	6065				152.9	−7.6	c	VKL92, OLFHHS		i
03 48 58.1	+61 47 46	563		12.3		142.3	5.8		Ste85(Cr), SoyMae91		1
03 50 00.5	+38 46 21	567		11.2		157.0	−12.0	N(D); C6,3(De)	D 162, CCCS 158		3
03 50 01.6	+26 02 43	569			11.0	165.7	−21.6		Pes, CCCS 160		2
03 50 05.9	−43 32 03	576	10.2	8.6		249.5	−50.6	R3(HD);C4,2(War)	24281, -43:1198, CCCS 164	R	0
03 50 13.3	+48 10 14	565		14.1	12.8	151.0	−4.7		Nik4 18, Ste, SoyMae91		1
03 50 34.2	+47 37 60	568		11.5	5.9	151.4	−5.1		C 550, Ste, SoyMae91, CCCS 159		1
03 50 36.8	+57 02 13	564		13.0	12.4	145.5	2.2		Nik4 17, Ste, SoyMae91		1
03 50 49.1	+53 35 29	566		17.3:	13.8	147.7	−0.4		Ste, SoyMae91		1
03 51 37.9	+50 12 50	570		14.9	13.4	149.9	−3.0		Nik4 19, Ste, SoyMae91		1
03 52 05.6	+39 51 54	572		13.0		156.6	−10.9		Lo74,Kurt80 4,V414 Per,AFGL 527	R	2
03 52 06.6	+43 46 01	571	13.6	10.5		154.1	−7.9	R(D); C5,4(De)	D 267, EZ Per, Ste, CCCS 161		1
03 52 43.5	+41 41 14	575		11.3		155.5	−9.4	C5,3(De)	D 268(R), Ste(N), CCCS 163		1
03 53 00.7	+52 04 43	573		12.0	10.0	148.9	−1.4		C 65, Ste, SoyMae91, CCCS 162		1
03 53 15.4	+50 43 13	574		13.7		149.8	−2.4		Nik4 20, SoyMae91	R	1
03 54 16.2	+11 36 20	6066			15.1r	177.9	−31.1	CH, N(Tot98)	Tot98		2
03 55 25.0	+69 27 29	6067		14.2		137.9	12.1	R(Mic97)	Mic97		2
03 56 03.1	+56 13 08	577		13.3	12.4	146.6	2.1		Ste, SoyMae91		1
03 56 17.4	+43 48 47	578	13.5	10.4	7.8	154.6	−7.4	C6-,3(De)	D 269(R), V385 Per, CCCS 165	R	1
03 56 52.2	+48 34 54	579		12.6	10.1	151.6	−3.7		C 552, Ste, SoyMae91, CCCS 166		1
03 58 27.2	+11 54 21	588		10.3		178.5	−30.2	R(Van);C4,3(Yam)	286436(R0), Van 10(R2), CCCS 171	R	0
03 58 31.3	+49 44 51	580		14.1	12.0	151.1	−2.6		Nik4 21, IRAS, Ste, SoyMae91		1

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03 58 56.1	−29 26 55	596	11.9			227.6	−48.9	N(Pots)	Pots 144-57, CCCS 173		3
03 59 11.5	+44 13 09	585				154.8	−6.7	IRAS C	Lit 13		1
03 59 16.4	+53 30 52	582		13.7	12.1	148.7	0.3		Nik4 22, Ste, SoyMae91		1
03 59 23.7	−30 18 58	601	11.6			228.9	−49.0	N(Pots)	Pots 144-70, CCCS 176		3
03 59 27.1	+49 10 30	584		13.6	12.0	151.5	−3.0		Kurt80 5, Nik4 23, Ste, SoyMae91		1
03 59 36.7	+08 28 58	593		11.4		181.7	−32.2	wkR(Ste)	Ste85		1
03 59 37.3	+46 27 43	586	14.5	12.0	8.9	153.3	−5.0	N(D)	D 271, FL Per,C 553,Ste,CCCS 169		1
03 59 45.7	+59 58 06	581	14.0	11.4		144.5	5.2	N(D); C5-,4(De)	D 270, Har, SoyMae91, CCCS 167		1
04 00 13.2	+09 17 08	6068			15.5r	181.1	−31.6	N(Tot98)	Tot98		2
04 00 19.3	+23 32 04	594		10.3		169.4	−21.8	R2(Van)	+23:601, Van 11,Ste(R), CCCS 172	R	0
04 00 21.4	+58 44 03	583		12.1	8.9	145.4	4.4		C 313, SoyMae91, CCCS 168	R	1
04 00 41.5	+51 57 02	590		18.5:	13.7	149.9	−0.7		Ste, SoyMae91		1
04 00 45.0	+54 55 49	589		14.1	12.6	147.9	1.5		Nik4 24, Ste, SoyMae91		1
04 00 52.8	+56 20 17	587	15.2	11.2	9.2	147.0	2.6	N:(Ste)	C 314, Ste, SoyMae91, CCCS 170		1
04 01 43.5	+59 31 22	591				145.0	5.1	N(BC)	BC 131		1
04 01 58.1	+47 47 59	595			13.4	152.8	−3.7		Nik4 25, Ste		1
04 02 04.1	+56 08 57	592		13.6		147.3	2.6		Nik4 26, SoyMae91		1
04 02 56.6	+49 18 58	603		14.2	11.3	151.9	−2.5		Nik4 29, Ste, SoyMae91		1
04 03 02.0	+50 46 02	602			11.1	150.9	−1.4		Ste		1
04 03 03.3	+50 02 12	604		14.7	11.2	151.4	−1.9		Nik4 30, Ste, SoyMae91		1
04 03 09.1	+56 07 20	597		12.3	10.6	147.4	2.6		C 315, Ste, SoyMae91, CCCS 175		1
04 03 11.8	+55 41 02	600		12.3		147.7	2.3		Nik4 28, SoyMae91	R	1
04 03 12.4	+56 13 40	599	12.8	12.4	10.5	147.3	2.7		C 316, GO Cam, Ste, SoyMae91	R	1
04 03 20.9	+57 40 48	598				146.4	3.8		Nik4 27		3
04 03 33.3	+49 46 10	606			13.6	151.7	−2.1		Ste		2
04 03 35.1	+62 46 51	6069		15.3		143.0	7.7		SoyMae91		1
04 03 35.7	−09 13 46	611		10.1		200.8	−41.3	N(Ste)	Ste85		1
04 03 43.4	+53 19 13	605		14.9	12.4	149.3	0.6		Nik4 31, Ste, SoyMae91		1
04 04 12.5	+50 34 08	607		14.4	10.5	151.2	−1.4		Nik4 32, Ste, SoyMae91		1
04 04 53.4	+23 14 11	610		10.7		170.4	−21.3	R0(Van)	Van 12, CCCS 179	R	0

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04 05 12.2	+39 20 28	609			9.4	158.9	−9.6		C 719, CCCS 178		3
04 05 53.9	+61 47 40	608	9.3	7.9	5.8	143.9	7.1	R8(Sh)	25408(R8), UV Cam, CCCS 177	R	0
04 07 11.4	+48 42 32	615		13.2	10.9	152.8	−2.5		Kurt80 9, Nik4 33, Ste, SoyMae91		1
04 07 43.6	+59 37 28	613				145.5	5.7	N(BC)	BC 132		1
04 07 47.5	−69 47 16	639		9.0		283.3	−39.0	R3(HD);C1,3(War)	26667, Hen 4, BidMac, CCCS 191		0
04 07 53.5	+61 54 17	612				144.0	7.3	R-N(BC)	BC 133		1
04 08 11.0	+49 01 28	616		14.2	11.0	152.7	−2.1		Kurt80 8, Nik4 34, Ste, SoyMae91		1
04 08 12.8	+61 27 02	614				144.3	7.0	N(BC)	BC 134	R	1
04 08 43.9	+37 11 25	618				160.9	−10.7		Kurt80 10		2
04 09 07.5	−09 14 14	6070			5.6J	201.6	−40.1		WMFCMC, EV Eri		i
04 09 20.6	+47 46 24	617		13.1	10.7	153.7	−2.9		Nik4 35, Ste, SoyMae91		1
04 10 37.6	+51 26 15	619	13.8	11.2	9.8	151.4	−0.1	N:(Ste)	C 66, Ste, SoyMae91, CCCS 180	R	1
04 10 40.6	+44 26 48	622		11.8	8.8	156.1	−5.2	N(D); C5+,4(De)	D 273, C 554, Ste, CCCS 182	R	1
04 10 51.6	+52 41 31	621	14.5	11.5	10.4	150.5	0.9	R:(Ste)	C 67, Ste, SoyMae91, CCCS 181		1
04 11 18.9	+57 43 47	620				147.1	4.6		Nik4 36		3
04 11 32.4	+51 19 60	623	12.2	9.5	7.8	151.5	−0.1	N(MSB);C3,3(Yam)	+50:920,MSB 47, FR Per, CCCS 183	R	1
04 11 39.4	+49 11 13	624		16.0	13.6	153.0	−1.6		Ste, SoyMae91		1
04 11 56.9	+44 18 59	626		12.0:	9.7	156.4	−5.1		C 555, Ste, CCCS 185		1
04 12 13.6	+29 22 32	629		11.4		167.0	−15.8	R(D)	D 163,CCCS 187		2
04 12 22.7	+51 09 47	625		12.9	10.6	151.8	−0.1		C 68, Ste, SoyMae91, V544 Per	R	1
04 13 10.4	+47 36 29	627				154.3	−2.6		Nik4 37		3
04 13 20.0	+48 20 46	628	14.2	10.6:	8.6	153.8	−2.0	N(Ste)	C 69, Ste, SoyMae91, CCCS 186		1
04 13 34.8	+54 51 34	6071				149.3	2.7	c	GEAS97		i
04 13 40.1	+25 00 07	635		11.4:		170.5	−18.6	N(Ste)	Ste85		1
04 13 51.0	+48 43 44	6072		15.7		153.6	−1.7		SoyMae91		1
04 13 52.5	+48 00 16	630		14.1	11.1	154.1	−2.2		Kurt80 12, Nik4 38, Ste, SoyMae91		1
04 13 58.9	+47 42 59	631		14.0	11.6	154.3	−2.4		Nik4 39, Ste, SoyMae91		1
04 14 13.7	+43 54 52	633			10.2	157.0	−5.2		C 556, Ste, CCCS 189		1
04 14 45.8	+43 46 29	636		11.8:	9.1	157.1	−5.2		C 557, Ste, CCCS 190		1
04 14 56.7	+39 26 13	640			9.2	160.2	−8.3		C 720, CCCS 192		3

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04 15 03.0	+56 48 16	632		12.2	9.2	148.2	4.3		C 317, Ste, SoyMae91, CCCS 188		1
04 15 05.5	+47 43 14	637				154.4	−2.3		Kurt80 13		2
04 15 12.3	+52 55 38	634	12.0	11.5	9.6	150.9	1.5	N(Ste,BC)	BC 190,Ste85,GR Cam,IRAS,SoyMae91	R	1
04 15 44.4	+45 40 42	641		12.5:	9.9	155.9	−3.7		C 558, Ste, CCCS 193		1
04 15 46.6	+54 19 53	638	14.0	14.3	13.0	149.9	2.5		Ste, GS Cam, SoyMae91		1
04 16 12.9	+40 23 57	644		10.7	7.8	159.7	−7.4	N(D); C6,4:(De)	+40:917,D 114,C 503,Ste,CCCS 195		1
04 16 24.5	+39 25 44	645				160.4	−8.1		Lit 14, CWWVS, AFGL 6312S		1
04 16 33.2	+50 37 35	643	14.9	9.5	7.1	152.6	−0.0	Ne(San)	+50:961, MSB 6, SY Per, CCCS 194	WPB, R	0
04 16 59.6	+57 59 28	642		14.5	13.1	147.5	5.3		Ste, SoyMae91		1
04 17 25.2	+33 14 22	649		10.1:		165.0	−12.3	N(Ste)	Har, Ste, CCCS 196		1
04 17 47.2	+42 11 34	647			10.7	158.6	−5.9		BC 90, Ste		1
04 17 47.3	+53 00 11	646		14.0	10.7	151.1	1.8		Nik4 40, Ste, SoyMae91		1
04 17 51.6	+06 53 45	657		10.0		186.4	−29.6	R?(D)	+6:655, D 4, CCCS 200	R	3
04 17 56.7	+71 14 05	6073		16.4		138.0	14.7	N(Mic97)	Mic97		2
04 17 57.6	+39 21 24	650				160.7	−7.9	N(BC)	BC 91		1
04 18 06.0	+26 21 16	654	12.3	11.0		170.2	−17.0	R4(San)	27108(R3), CCCS 197	*R	1
04 18 28.0	+50 37 49	648		14.7	10.7	152.8	0.2		Ste, SoyMae91		1
04 18 40.1	+25 27 55	658	16.0	12.3		171.0	−17.5	N(Ste)	Mayun, V695 Tau, Ste, CCCS 201		1
04 19 00.7	+47 10 45	653	15.0	11.2	9.1	155.3	−2.2	N(Ste)	C 70, Ste, V418 Per, CCCS 198	R	1
04 19 07.0	+70 23 25	6074		17.1		138.7	14.2		Mic97		2
04 19 19.9	+14 27 15	664			8.2J	180.0	−24.7		Lit 15, Epc90-2		1
04 19 25.8	+54 49 03	652		15.6	13.1	150.0	3.3		Ste, IRAS, SoyMae91		1
04 19 50.7	+41 07 40	659	13.0	11.1	7.4	159.7	−6.4	N(San);C4,4(Yam)	GM Per, MSB 7,D 274(N), CCCS 202	R	1
04 19 52.0	+51 44 31	655			13.1	152.2	1.1		Ste, IRAS		1
04 20 24.9	+45 40 40	660			12.4	156.5	−3.1		Nik4 41, Ste		1
04 20 28.7	+45 50 16	661			11.4	156.4	−3.0		Nik4 42, Ste		1
04 20 34.8	+57 08 55	656		11.8	9.5	148.4	5.0		C 318, Ste, SoyMae91, CCCS 199		1
04 21 00.9	+51 30 10	662		13.7	10.7	152.5	1.1		Ste, BC 191(C:), SoyMae91		1
04 21 25.5	+41 52 18	667			11.1	159.3	−5.7		Lit 17, Ste		1
04 21 25.7	+53 22 50	663		12.8	9.9	151.2	2.5		C 319, SoyMae91, CCCS 203		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
04 21 26.3	+47 03 38	666		11.2:	10.7	155.7	−2.0	N(Ste)	C 71, Ste, CCCS 204		1
04 21 27.1	+01 29 14	6075			14.0r	192.2	−32.0	N(Tot98)	Tot98		2
04 21 57.6	+46 22 38	668			12.6	156.2	−2.4		Nik4 43, Ste		1
04 22 06.5	+47 03 01	669			11.9	155.8	−1.9		Nik4 44, Ste		1
04 22 13.8	+59 58 46	665				146.6	7.2	IRAS C	Lit 16		1
04 22 55.0	+51 57 10	670		14.1	11.7	152.4	1.6		Nik4 45, Ste, SoyMae91		1
04 23 41.8	+47 53 09	673		12.0	11.3	155.4	−1.2		C 72, Ste, SoyMae91, CCCS 205		1
04 24 10.2	+58 47 49	671				147.6	6.5	N(BC)	BC 135		1
04 24 11.4	+56 29 05	672			12.8	149.3	4.9		Ste		1
04 24 46.5	+55 55 42	674	11.8	11.5:	10.4	149.7	4.6	N(BC)	BC 136, GU Cam, Ste(Cr), SoyMae91		1
04 25 28.8	+50 14 23	679		11.6	11.5	153.9	0.7		C 73, CCCS 206, Nik4 48, Ste	R	1
04 25 39.3	+54 08 21	677		12.9	11.2	151.1	3.4		Nik4 47, Ste, SoyMae91		1
04 25 44.8	+16 10 16	686		12.1		179.6	−22.4	R-N(Ste)	Ste85		1
04 25 45.1	+55 20 16	676		12.2	10.9	150.2	4.3		Nik4 46, Ste, SoyMae91		1
04 25 47.9	+52 56 48	680		11.5	9.2	152.0	2.6		C 320, Ste, CCCS 207, Nik4 77	R	1
04 25 53.3	+43 19 46	6076				158.9	−4.1	c	GEAS97		i
04 25 58.8	+56 41 40	678		13.2	11.7	149.3	5.2	N(BC)	BC 137, Ste, SoyMae91		1
04 26 18.8	+50 12 32	681	14.5	10.5		154.0	0.8		C 74, Ste, CCCS 208, CCCS 209	R	1
04 26 50.1	+51 46 02	682	12.7	11.5	9.2	152.9	1.9		C 321, V608 Per, Ste, SoyMae91	R	1
04 26 54.9	+50 22 20	683		13.1	11.4	153.9	0.9		Nik4 49, Ste, SoyMae91		1
04 27 07.1	+52 04 41	684				152.7	2.2		Nik4 50		3
04 27 27.4	+48 12 18	687		14.3	13.2	155.6	−0.5		Nik4 52, SoyMae91, Ste		1
04 27 29.0	+54 28 40	685		13.3	11.7	151.0	3.9		Nik4 51, Ste, SoyMae91		1
04 27 40.3	+47 30 46	688		13.9	12.1	156.1	−0.9		Ste, SoyMae91		1
04 27 57.5	+40 58 28	689			11.4	160.9	−5.4		BC 92, Ste		1
04 28 10.1	+39 53 07	693		12.0:		161.7	−6.2		Ste85		1
04 28 12.9	+41 56 04	690			11.1	160.2	−4.7		Ste, IRAS		1
04 28 18.6	+25 31 47	696	13.9	11.4		172.5	−15.8	N(Mayun)	Mayun, V414 Tau, Dol71b, Ste	R	1
04 28 44.1	+45 57 39	694			10.7	157.3	−1.9		Ste		1
04 29 12.5	+44 42 07	6077				158.3	−2.7	c	GEAS97		i

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
04 29 15.1	+39 33 50	699	11.5		9.4	162.1	−6.2		C 560, GY Per, CCCS 214		2
04 29 23.5	+55 37 24	692				150.4	4.8		Alks76		3
04 29 27.8	+51 00 59	6078				153.8	1.7		GEAS97		i
04 29 43.1	+39 52 03	701	13.8	8.9	6.8	161.9	−6.0	N(San);C7,4(Yam)	MSB 8, GI Per, CCCS 215, Ste	R	1
04 29 44.2	+58 37 43	691		11.8:		148.2	6.9	N(BC)	BC 138, Ste(Cr)		1
04 29 47.3	+51 28 10	695		11.2	8.3	153.5	2.0		C 322, Ste, SoyMae91, CCCS 211		1
04 29 56.3	+49 54 18	698	15.3			154.6	1.0	R:(Ste)	Ste, CCCS 212		3
04 29 57.8	+50 51 44	697		12.9	12.1	153.9	1.6		Ste, SoyMae91		1
04 30 01.2	+41 50 25	702		11.5	7.8	160.5	−4.6		C 562, Ste, CCCS 216		1
04 30 13.3	+44 00 26	703			14.1	158.9	−3.0		Ste		1
04 30 18.5	+45 05 56	704			12.6	158.1	−2.3		Ste		1
04 30 29.8	+46 30 56	705			11.2	157.1	−1.3		Nik4 53, Ste		1
04 30 46.6	−65 59 17	725		8.9		277.7	−38.7	C1,1(War)	29154(K0p), -66:241, CCCS 225	R	3
04 30 55.7	+41 34 11	708		11.5	9.2	160.8	−4.6		C 563, Ste, CCCS 217		1
04 30 58.5	+57 30 49	700		12.2		149.2	6.3	N(BC)	BC 139, Ste, SoyMae91		1
04 30 58.5	+43 13 29	706			10.9	159.6	−3.5		Ste		1
04 31 10.3	+45 14 25	707	13.0	10.3	8.0	158.2	−2.1	N(Ste), C4,4(De)	C 75, AT Per, Ste, CCCS 218	R	1
04 31 17.9	+45 11 19	709			13.1	158.2	−2.1		Ste; not CCCS 218		1
04 31 21.9	+17 39 13	714	15.0	10.5	7.2J	179.3	−20.4	Ne	Burwell, Ste, V718 Tau, CCCS 221	R	1
04 31 23.5	+69 53 46	6079		12.0		139.8	14.6	R(Mic97)	Mic97		2
04 31 59.3	+48 59 11	710		12.5	10.7	155.5	0.6		C 76, Ste, SoyMae91, CCCS 219		1
04 32 38.1	+32 22 38	716		10.9:		167.9	−10.6	N(D)	D 167, Ste(Cr), CCCS 222		1
04 32 51.4	+48 17 03	712		13.2	12.8	156.1	0.2		Nik4 54, Ste, SoyMae91		1
04 32 56.6	+34 36 11	6080				166.2	−9.0	c	OLFHHS		i
04 33 06.7	+51 46 40	711		12.9	11.4	153.6	2.6		Ste, SoyMae91		1
04 33 18.8	+52 59 02	713		12.7	9.7	152.7	3.5		C 323, Ste, SoyMae91, CCCS 220		1
04 33 21.4	+52 06 47	715		14.4	12.8	153.4	2.9		Ste, SoyMae91		1
04 35 17.5	+62 16 22	6081	12.5			146.0	9.9	IRAS C	GJBSW, GY Cam, AFGL 595		i
04 35 17.9	+57 23 32	717	11.3	13.1		149.6	6.6	N(BC)	BC 140, HH Cam, Ste, SoyMae91		1
04 35 27.1	+52 56 42	718		13.8	10.7	153.0	3.7		Nik4 55, Ste, SoyMae91		1

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04 35 47.3	+52 50 01	719		12.8	10.9	153.1	3.6	Weak C	Ste, SoyMae91		1
04 36 05.8	+53 12 01	720		13.0	9.6	152.8	3.9		C 324, Ste, SoyMae91, CCCS 223		1
04 36 39.3	+55 22 32	721		12.7	9.4	151.3	5.4	N(BC)	BC 141, Ste, SoyMae91		1
04 37 17.0	+40 46 58	726			12.0	162.2	−4.3		BC 93, Ste		1
04 37 19.8	+48 15 50	724		13.2	10.7	156.6	0.7		Nik4 57, Ste, SoyMae91		1
04 37 31.9	+48 02 31	6082		12.4		156.8	0.6		SoyMae91(C:)		1
04 37 39.0	+53 23 15	723		14.5	12.8	152.9	4.2		Nik4 56, Ste, SoyMae91		1
04 37 42.4	+54 07 53	722		13.6	11.4	152.3	4.7	N(BC)	BC 142, Ste, SoyMae91		1
04 37 48.1	+25 49 32	731		10.4		173.7	−14.0	N(D); C4,3(De)	D 168, Ste, CCCS 228		1
04 37 59.8	+43 15 28	727	16.4	12.0:	10.4	160.4	−2.5		Ste, CCCS 224		1
04 38 24.0	+46 37 49	728	16.7		11.5	158.0	−0.2	N(Ste)	Ste, CCCS 226		1
04 38 40.8	+47 12 10	729		12.4	10.8	157.6	0.2		C 77, CCCS 227, Ste, SoyMae91		1
04 38 52.1	+44 04 45	732			13.3	159.9	−1.9		Ste		1
04 39 20.2	+43 29 31	735			11.6	160.4	−2.2		Nik4 58, Lit 720, Ste		1
04 39 27.2	+54 20 59	730		12.2	10.1	152.3	5.1	N(BC)	BC 143, Ste		1
04 39 31.0	+40 30 52	736		12.5:	10.1	162.7	−4.1		C 564, Ste, CCCS 229		1
04 39 35.0	+48 47 38	734		14.4	11.9	156.5	1.4		Ste, SoyMae91		1
04 39 35.1	+41 37 08	737	13.2	10.1	7.3	161.9	−3.4	N(San);C5,4(Yam)	MSB 9, AV Per,D 169(R), CCCS 230	R	1
04 39 42.6	+39 01 47	738	15.0		10.1	163.8	−5.1		C 565, HM Per, CCCS 231, Ste		1
04 40 16.4	+43 50 37	739			11.2	160.3	−1.8		Nik4 60, Ste		1
04 40 30.0	+43 11 51	742		11.8	9.2	160.8	−2.2		C 79, Ste, NSV 1686, CCCS 232		1
04 40 31.5	+45 07 32	741				159.3	−0.9	IRAS C	Lit 20		1
04 40 38.3	+41 29 50	744		13.2	11.0	162.1	−3.3		C 80, V395 Per, Ste, CCCS 233		1
04 40 50.8	+47 05 20	743		14.6	12.6	157.9	0.4		Nik4 61, Ste, SoyMae91		1
04 40 56.0	+51 29 01	740		13.0	10.9	154.6	3.3		Ste, Nik4 59, SoyMae91		1
04 41 08.6	+39 25 19	745	14.8		9.4	163.7	−4.6		C 556, HN Per, CCCS 234, Ste		1
04 41 12.8	+63 54 58	733				145.2	11.5	IRAS C	Lit 19		1
04 41 23.8	+38 49 16	746			11.7	164.2	−5.0		Nik4 62, Ste		1
04 41 32.5	+70 57 44	6083		13.5		139.6	16.0		Mic97		2
04 41 39.9	+41 21 45	748			10.9	162.3	−3.3		Nik4 64, Ste		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
04 41 53.6	+46 13 40	747				158.7	−0.0		Nik4 63		3
04 42 11.9	+72 45 57	6084		12.4		138.1	17.1	R(Mic97)	Mic97		2
04 42 47.6	+48 55 44	749	16.7	13.5	12.3	156.7	1.9		Ste, CCCS 235, SoyMae91		1
04 42 53.0	+49 10 15	6085		14.8		156.6	2.0		SoyMae91, GEAS97		1
04 42 53.6	+36 06 53	6086	16.5			166.4	−6.5	IRAS C	GJBSW, V353 Aur	R	i
04 43 10.6	+31 01 26	755		11.7		170.4	−9.8	N(D)	D 170, CCCS 236		3
04 43 13.2	+46 47 34	750			12.1	158.4	0.5		Nik4 65, Ste		1
04 43 20.1	+46 17 23	751			13.2	158.8	0.2		Nik4 66, Ste		1
04 43 26.9	+37 51 54	752			12.4	165.2	−5.3		Ste		1
04 43 51.8	+39 41 43	756			12.1	163.8	−4.0		Ste		1
04 43 53.9	+43 27 41	754			11.9	161.0	−1.6		Ste, IRAS		1
04 44 09.2	+39 40 20	758				163.9	−4.0		Mayun(Prob. C), CCCS 237		3
04 44 09.9	+47 24 21	753			12.1	158.0	1.0		Ste		1
04 45 28.4	+56 09 40	757			12.4	151.5	6.9	N(BC)	BC 144, Ste		1
04 45 52.9	−31 31 45	777	10.8			232.8	−39.3	R(Sto)	-31:2017, Sto III-4, CCCS 244	R	1
04 45 53.7	+01 07 34	768		13.0		196.3	−27.0	R(Ste)	Ste85		1
04 45 57.1	+47 22 32	761		11.5:	9.1	158.3	1.2		C 325, Ste, CCCS 238		1
04 46 05.6	+46 30 27	762			12.1	158.9	0.7		Nik4 67, Ste		1
04 46 14.1	+51 52 57	760		13.8	12.4	154.9	4.2		Ste, SoyMae91		1
04 46 21.6	+17 23 01	6087		13.8	7.8J	181.8	−17.7	c	Gug93, V1027 Tau		i
04 46 25.0	+54 28 52	759	12.6			152.9	5.9	N(BC)	BC 145, HM Cam		1
04 46 29.8	+43 03 52	764			11.7	161.6	−1.5		Nik4 69, Ste		1
04 46 33.6	+49 56 24	763		14.6	10.5	156.4	3.0	C 3,5(CWWV96)	Nik4 68, Ste, CWWVS, CWWV96		1
04 47 02.9	+37 24 35	766			13.8	166.0	−5.1		Ste		1
04 47 15.3	+42 50 01	765			11.4	161.9	−1.5		C 81, NSV 1714, CCCS 239, Ste		1
04 47 18.9	−36 12 34	788	9.0	7.5		238.9	−39.8	N(San);C6,4(War)	30593(Nb), T Cae, CCCS 250	R	0
04 47 30.3	+43 21 53	767				161.5	−1.1		Nik4 70		3
04 48 04.4	+44 18 48	771	13.4			160.8	−0.5	R(Ste)	Ste, CCCS 241	R	3
04 48 25.9	+48 54 47	770	16.0			157.4	2.6		Ste, CCCS 242		3
04 48 38.4	+39 17 56	775			10.7	164.7	−3.6		C 82, CCCS 243, Ste		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
04 48 44.7	+49 57 08	772			12.4	156.6	3.3		Nik4 71, Ste		1
04 48 59.8	+46 05 39	774			10.7	159.6	0.8		Ste		1
04 49 05.6	+41 49 34	778			13.3	162.9	−1.9		Nik4 73, Ste		1
04 49 16.0	+35 00 07	781	10.9	9.0	6.6	168.1	−6.3	R4(San)	30443(Nb), +34:911, CCCS 246	R	0
04 49 24.9	+39 58 53	780			12.2	164.3	−3.0		Ste	R	1
04 49 25.8	+51 24 24	773			11.7	155.5	4.3		Nik4 72, Ste		1
04 49 33.7	+48 56 43	776			11.6	157.5	2.7		Ste		1
04 49 37.2	−31 30 13	798	10.8			233.0	−38.5	R(Sto)	Sto III-5, BidMac, CCCS 259		1
04 49 44.0	+45 47 30	779			10.2	159.9	0.7		C 83, CCCS 245, Ste		1
04 49 50.0	+40 58 31	783	18.2	13.4	11.1	163.6	−2.4		BC 185, V470 Per, Ste		1
04 50 00.8	+39 55 58	785			10.7	164.4	−3.0		C 84, CCCS 248, Ste		1
04 50 03.0	+36 12 34	786			9.9	167.3	−5.4		C 567, CCCS 249, Ste		1
04 50 06.8	+30 25 31	6088				171.8	−9.0	c	GEAS97		i
04 50 12.1	+32 33 38	6089				170.2	−7.7		GEAS97		i
04 50 28.5	+50 53 02	782			11.4	156.1	4.1		Nik4 74, Ste		1
04 50 37.7	+15 47 50	793	11.2	10.1	6.7	183.8	−17.9	N(San);C5,3(Yam)	30710(Na), +15:691, V1060 Tau	R	0
04 50 42.0	+49 35 28	784			10.1	157.1	3.3	Ce(MacCon)	C 326, CCCS 247, Ste		1
04 50 44.6	+28 28 58	790		13.9		173.5	−10.1		MaeSoy2 1		1
04 50 46.8	+42 40 32	787		11.8	10.0	162.4	−1.1		C 85, Ste, NSV 1732, CCCS 251		1
04 51 13.4	+68 10 08	769	9.2	7.0	4.1	142.4	14.9	N5(Sh);C5,4(Yam)	30243(Nb), ST Cam, CCCS 240	R	0
04 51 15.6	+43 40 49	789	15.2	11.5	9.2	161.7	−0.4		C 86, HN Aur, Ste, CCCS 252	R	1
04 51 31.3	+28 31 37	794	10.2	8.1	5.2	173.5	−10.0	N3(Sh);C7,4(Yam)	30755(Nb), TT Tau, CCCS 254	R	0
04 51 50.6	+45 18 16	791			12.7	160.5	0.7		Nik4 75, Ste		1
04 52 31.4	+51 13 53	792			11.4	156.0	4.5		Nik4 76, Ste		1
04 52 33.5	+45 41 37	795			9.8	160.3	1.0		C 327, CCCS 255, Ste		1
04 52 34.9	+38 30 20	797	11.5	8.8	3.5	165.8	−3.5	N(San),SC5/9(KB)	+38:955, MSB 10, C 6, V364 Aur	R	0
04 52 41.5	+38 01 19	799		13.6	8.4	166.2	−3.8		C 568, EX Aur, CCCS 258, Ste		1
04 52 49.9	+32 39 08	804		15.0		170.4	−7.2		MaeSoy2 3		1
04 52 55.1	+48 03 43	796			9.9	158.5	2.6		C 328, CCCS 256, Ste		1
04 52 56.3	+31 59 59	6090				171.0	−7.6	C:(BC)	BC 94		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
04 53 04.6	+38 00 05	802				166.3	−3.8		Mayun, CCCS 261		3
04 53 19.8	+43 50 39	800			10.8	161.8	−0.0		C 87, NQ Aur, CCCS 260, Ste		1
04 53 26.8	+40 41 49	805	16.4	12.0	10.1	164.3	−2.0	N(Ste)	C 88, NR Aur, Ste, CCCS 263	R	1
04 53 30.6	+22 46 24	808		9.4	7.1	178.4	−13.1	N(San);C5,5(Yam)	D 8(N),Ste(N),CCCS 264,IRC+20095	R	1
04 53 45.3	+48 07 37	801			13.8	158.5	2.7		Ste		1
04 53 59.5	+49 57 46	803			12.1	157.1	3.9		Nik4;Ste; not CCCS 262	R	1
04 54 15.0	+49 54 00	806	13.0	10.5	7.7	157.2	3.9	Ne(San)	MSB 11, AU Aur, CCCS 262, Ste	R	0
04 54 31.8	+41 27 42	809		12.0	10.3	163.8	−1.4		C 89, Ste, NSV 1757, CCCS 265		1
04 54 48.5	+51 23 54	807			12.4	156.1	4.9		Nik4 78, Ste		1
04 55 08.4	+37 09 12	811			11.4	167.2	−4.0		Ste, KurNik90		1
04 55 19.3	+40 50 33	810	16.0		11.4	164.4	−1.6	R(Ste)	Ste, CCCS 266		1
04 55 45.0	+41 52 29	813		11.5	10.6	163.6	−0.9		C 90, Ste, NSV 1766, CCCS 267		1
04 55 46.7	+37 57 38	6091				166.7	−3.4		KurNik90		2
04 55 52.2	+41 50 45	814			12.0	163.6	−0.9		Ste	R	1
04 55 56.7	+36 48 26	815	12.8		10.7	167.6	−4.1		Ste, KurNik90, V469 Aur		1
04 56 24.0	+50 12 31	812			11.1	157.2	4.4	N(BC)	BC 146, Ste		1
04 56 42.6	+44 32 40	6092				161.6	0.9	c	NETC, OLFHHS, VKL92		i
04 57 06.1	+48 11 35	816				158.8	3.2		Nik4 79		3
04 57 20.7	+25 37 46	818	13.7	10.6		176.7	−10.7		Ste85, UW Tau, MaeSoy2 6		1
04 57 32.6	+44 55 12	817			12.4	161.4	1.2		Nik4 80, Ste		1
04 57 44.5	+32 07 28	819		10.6	8.0	171.5	−6.7		C 569, Har, Ste, CCCS 268	R	1
04 58 52.0	+16 54 32	826		13.5		184.1	−15.6		Pes, Ste(Cp), CCCS 272	R	1
04 59 00.6	+08 07 50	828		9.1		191.7	−20.5	N(D,Ste)	31798(Pec), R Ori, CCCS 273	WPB, R	0
04 59 03.8	+49 29 59	820			10.9	158.0	4.3	N(BC)	BC 147, Ste		1
04 59 24.9	+31 53 58	824	16.6	11.8	10.6	171.9	−6.5	N(BC)	BC 10, V337 Aur, MaeSoy2 8		1
04 59 36.3	−14 48 23	833		5.9	5.1	214.3	−31.3	N6(Sh)	HR 1607,R Lep,CCCS 276,RAFGL 667	R	0
04 59 42.4	+42 46 28	823		11.5	9.9	163.4	0.2		C 91, Ste, OY Aur, CCCS 270		1
04 59 44.3	+48 31 21	821		11.5	9.4	158.8	3.8		C 330, Ste, CCCS 269		1
04 59 44.9	+43 29 11	822				162.8	0.7		Nik4 81		3
04 59 52.8	+12 07 03	831		9.5		188.3	−18.1	N(D)	+11:695, D 10, CCCS 274		3

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
05 00 12.7	+44 22 07	825	15.6			162.2	1.3		Ste, CCCS 271		3
05 00 40.2	+45 48 47	827		11.2:	7.8	161.1	2.2	N(Ste)	Ste85	R	1
05 01 25.2	+24 18 38	834		11.9	10.8	178.3	−10.8	N(Ste)	Ste85, Fuen 1, MaeSoy2 9		1
05 01 27.8	+49 48 53	829			10.7	158.0	4.8	N(BC)	BC 148, Ste		1
05 01 39.7	+38 31 01	832			11.3	166.9	−2.1		C 92, CCCS 275, Ste		1
05 01 47.5	+50 00 23	830				157.9	4.9	IRAS C	Lit 21		1
05 02 34.9	+38 39 04	838			11.2	167.0	−1.9		Ste, KurNik90		1
05 02 39.7	+44 19 39	835			13.4	162.5	1.6		Nik4 82, Ste		1
05 02 44.0	+41 57 05	837	13.8	11.5:	9.6	164.4	0.1	N(Ste)	C 93, Ste, Fuen 2, CCCS 278		1
05 02 55.5	+36 44 09	840	11.9		11.1	168.5	−3.0		Ste, KurNik90, V473 Aur		1
05 03 08.3	+42 18 32	839		12.0:	10.0	164.1	0.4		C 94, NS Aur, Ste, CCCS 279	R	1
05 03 23.1	+50 37 58	836	11.5	8.5	6.1	157.5	5.5	N(San)	32088(Nb), EL Aur, CCCS 277	R	0
05 03 49.4	+48 07 11	841		11.2	8.3	159.6	4.1	R(D), C5-,3(De)	D 278, C 331, Ste, CCCS 280		1
05 04 05.1	+11 32 48	6093		12.6	6.6J	189.4	−17.6	C 8,3.5(CWWV96)	CWWVS,Gug93		i
05 04 31.5	+17 30 15	845		12.8		184.4	−14.2	R?(BC)	Krum75, BC 55		1
05 04 36.7	+46 47 56	842			10.0	160.7	3.4		C 332, CCCS 281, Ste		1
05 05 23.7	+01 10 40	853	10.0	7.0	3.3	199.0	−22.8	N5(Sh);C5,4(Yam)	32736(Nb), D 12, W Ori, CCS 284	R	0
05 05 23.7	+44 12 15	843			13.1	162.9	1.9		Nik4 83, Ste		1
05 05 35.7	+35 18 55	846			11.2	170.0	−3.4		Ste, KurNik90		1
05 06 03.6	+37 25 07	847	15.2			168.3	−2.1		C 95, DI Aur, Ste, CCCS 282		1
05 06 08.1	+27 03 19	851		12.4		176.7	−8.3		Ste85, MaeSoy2 10		1
05 06 17.8	−00 36 53	855		12.0		200.8	−23.5	N?(D)	D 13, CCCS 285		3
05 06 23.6	+34 26 38	849			12.2	170.8	−3.8		Ste		1
05 06 30.1	+34 37 41	850	15.2	11.8	11.9	170.6	−3.7		DK Aur, Ste85, KurNik90	**+	1
05 06 30.5	+40 10 05	848		12.0:	9.1	166.2	−0.4	N(Ste)	C 96, Ste, Fuen 4, CCCS 283		1
05 06 40.0	+56 28 46	844				153.1	9.4	N(BC)	BC 149		1
05 06 42.2	+34 19 37	852			12.1	170.9	−3.9		Ste		1
05 06 59.9	+05 10 01	859		10.9		195.5	−20.4		BidMac(+4:834), Ste		1
05 07 28.9	+40 18 40	854			10.8	166.2	−0.1		Fuen 5, Ste		1
05 07 35.7	+31 21 48	6094				173.4	−5.5		KurNik90		2

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
05 08 17.2	+37 24 54	857			12.2	168.6	−1.7		Ste		1
05 08 36.1	+40 26 51	858	14.5	12.0:	10.2	166.2	0.1	N(Ste)	C 97, Ste, Fuen 6, CCCS 287		1
05 08 36.2	+45 29 06	856			9.5	162.2	3.1		C 333, CCCS 286, Ste		1
05 09 05.5	+39 00 09	860	12.3	8.5	5.0	167.4	−0.7	N(San)	33016(Nb), TX Aur, CCCS 288	R	0
05 09 20.5	+29 54 41	864		11.4	8.9	174.8	−6.0		C 570, V338 Aur, CCCS 289	R	1
05 09 35.6	+39 59 58	862			12.8	166.7	0.0		Fuen 8, Ste		1
05 09 44.6	+40 44 24	863	12.2		12.8	166.1	0.5		Fuen 9, Ste, V478 Aur		1
05 09 48.3	−05 30 55	875	10.4	8.6	6.2	206.0	−25.1	N0(Sh);C6,3(Yam)	33404(Nb), SY Eri, CCCS 297	R	0
05 10 00.3	+49 35 57	861		10.9:	10.1	159.0	5.8	N(BC)	BC 150, Ste		1
05 10 01.5	+34 35 47	868			10.1	171.1	−3.1		C 571, CCCS 291, Ste		1
05 10 16.5	+39 23 21	866	10.1	9.6	8.5	167.3	−0.3		C 98, V479 Aur, Ste, Fuen 10	R	1
05 10 20.2	+39 49 20	867	11.7	10.8	9.8	166.9	0.0		C 99, V480 Aur, Ste, Fuen 11	R	1
05 10 22.5	+27 44 50	872		14.7		176.7	−7.1		MaeSoy2 12		1
05 10 26.6	+39 03 31	869			10.7	167.5	−0.4		Fuen 12, Ste		1
05 10 27.5	+33 59 36	870	14.5	10.9	8.8	171.6	−3.4	N(D)	DS Aur, D 174,C 100,Ste,CCCS 294		1
05 10 48.7	+38 15 23	871			12.7	168.2	−0.8		Ste, KurNik90		1
05 10 55.3	+48 42 05	865		10.6	9.2	159.8	5.3		C 334, Ste, CCCS 290		1
05 11 08.6	+14 50 44	876	13.9	11.7		187.6	−14.3	N(D,Ste)	D 14, V1033 Ori, Ste, CCCS 298	R	1
05 11 11.8	+29 38 21	874	13.0	11.1	8.0	175.3	−5.9	N(D); C6,3(De)	ER Tau, D 175,C 572,Ste,CCCS 296	R	1
05 11 38.2	+46 17 05	873		10.6	9.2	161.8	4.0		C 335, Ste, CCCS 295		1
05 12 02.6	+14 53 17	879	14.2	11.4		187.7	−14.1	N(D,Ste)	D 15, V1034 Ori, Ste, CCCS 301	R	1
05 13 02.2	+40 55 25	878			10.4	166.3	1.1		C 337, Fuen 13, CCCS 300		1
05 13 13.8	+44 17 01	877		11.2	9.2	163.6	3.1		C 336, Ste, CCCS 299		1
05 13 24.7	+20 59 28	882			8.7J	182.7	−10.4	IRAS C	Lit 22, Epc90-5		1
05 13 46.5	+45 03 03	880		11.5	9.2	163.1	3.6		C 338, Ste, CCCS 302		1
05 14 07.0	+34 47 43	883	15.4	13.0	10.0	171.4	−2.3		C 101, NZ Aur, Upgr68, CCCS 303	R	1
05 14 27.5	+21 18 11	886			9.6	182.6	−10.1		Fuen 17		1
05 14 40.3	+41 24 22	884			10.1	166.1	1.6		C 339, Fuen 15, CCCS 304		1
05 14 54.1	+40 50 56	885	15.3	11.2:	9.8	166.6	1.3	N:(Ste)	C 340, Ste, Fuen 16, CCCS 305		1
05 14 59.2	+53 24 26	881				156.3	8.6	N(BC)	BC 151		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
05 15 29.5	+24 00 15	888		13.8	10.8	180.4	−8.3		Fuen 19, MaeSoy2 14		1
05 15 54.7	+26 45 48	889		10.0		178.2	−6.7		Ste85		1
05 15 57.5	+11 58 39	893		9.3	6.3	190.7	−14.9	N(San);C5,5(Yam)	D 16(N), V431 Ori, CCCS 307	R	1
05 15 59.5	+35 34 40	887			11.6	171.0	−1.6		Fuen 18, Ste		1
05 16 10.8	+11 15 19	894		11.9		191.4	−15.3	N(Ste)	Ste85		1
05 16 32.8	+37 04 13	890			10.8:	169.9	−0.6		C 102, Fuen 20, CCCS 306, Ste		1
05 17 08.7	+27 41 41	896		11.4	8.7	177.6	−5.9	N(D)	D 176, C 573, Ste, CCCS 309	R	1
05 17 20.5	+47 15 54	892				161.6	5.4	IRAS C	Lit 23		1
05 17 24.3	−35 21 46	908		10.0		239.1	−33.6		-35:2213, Hen 6, CCCS 315		2
05 17 31.2	+34 34 25	897			12.5	172.0	−1.9		Ste		1
05 17 32.8	+35 35 43	895			11.4	171.2	−1.3		Upgr68, CCCS 308		1
05 17 52.5	−71 10 59	931	12.1			282.2	−33.1		269343(K0), Sndlk, CCCS 329	R	3
05 17 54.0	+32 12 44	899	14.8	13.5	11.1	174.0	−3.2		Upgr68, Fuen 22, PV Aur,CCCS 310	R	1
05 18 01.1	+54 27 28	891		13.0		155.7	9.6		Ste85		1
05 18 18.9	+35 15 00	900	14.5	12.1	10.8	171.6	−1.4	R(D)	D 177, DY Aur, Upgr68, CCCS 311	R	1
05 18 26.6	+47 58 03	898				161.1	5.9	N(BC)	BC 152		1
05 18 28.2	+24 34 06	903	17.6	13.1	10.3	180.4	−7.5	N(BC)	BC 63, Fuen 24, MaeSoy2 17		1
05 18 56.9	+34 57 11	901		13.8	10.5	171.9	−1.4		Upgr68, OO Aur, CCCS 312, Ste		1
05 19 10.2	+35 47 33	904	11.8	9.1	6.5	171.2	−0.9	N(HD), C6,3(Yam)	34467, +35:1046,V438 Aur,CCCS 313	R	0
05 19 23.0	+11 21 42	907		12.1		191.7	−14.6		Ste85		1
05 19 41.2	+43 04 03	905			11.2	165.3	3.3		Fuen 26, Ste, KurNik90		1
05 20 00.5	+49 16 32	902				160.2	6.9	N(BC)	BC 153		1
05 20 12.9	+11 49 08	6095			10.4J	191.4	−14.1	c	Gug93		i
05 20 36.2	+33 24 51	909	14.7		11.8	173.3	−2.0		Upgr68, CCCS 316, Ste		1
05 20 51.4	+42 37 13	906		9.7:	9.4	165.8	3.2	N:(Ste)	C 341, Ste, Fuen 27, CCCS 314		1
05 21 13.4	+07 21 19	914		10.4	7.0	195.5	−16.3	N(San)	D 18(N),Ste(N),V1368 Ori,CCCS 319	R	0
05 21 18.7	+37 23 20	910	14.2	10.8	9.0	170.1	0.3		C 342, EF Aur, Ste, CCCS 317	+R	1
05 21 29.7	+07 07 58	916		12.0		195.7	−16.3	N?(D)	D 19, CCCS 321		3
05 21 48.7	+32 30 40	911	10.6	9.8	5.0	174.2	−2.4	Ne;C8,1Je(Yam)	34842(Pec;R?), UV Aur, CCCS 318	R	1
05 21 56.6	+18 16 56	915		11. :		186.1	−10.3	N(D); C5,3(De)	D 20, CCCS 320		3

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
05 22 24.2	+38 51 12	912			10.8	169.1	1.3		Fuen 30, Ste		1
05 23 00.1	+29 24 17	918	15.8	12.6	10.4	176.9	−3.9	N(BC)	BC 64, Fuen 32, MaeSoy2 19, Ste		1
05 23 08.7	+32 28 27	917		15.2	11.6:	174.4	−2.1		Upgr68, Fuen 31, CCCS 323, Ste	R	1
05 23 11.2	−34 22 57	935	11.9			238.2	−32.2	N(Sto)	Sto III-9, CCCS 331		1
05 23 29.0	+23 39 22	920		14.2		181.8	−7.0		MaeSoy2 21		1
05 23 39.3	+35 13 02	919			13.0	172.2	−0.5		Fuen 33		1
05 23 56.5	+41 14 06	6096				167.3	2.9		KurNik90		2
05 24 00.6	+68 49 55	6097			11.6r	143.5	17.8		Abr94		2
05 24 12.3	+57 31 59	913		13.5		153.6	12.0	N(Ste)	Ste85		1
05 24 12.4	+34 32 59	921	16.9		11.7	172.8	−0.8		Upgr68, Fuen 34, CCCS 322, Ste	R	1
05 24 13.3	+29 11 29	922		12.1	10.9	177.3	−3.8		Fuen 35, MaeSoy2 22		1
05 24 18.8	+30 32 01	923		12.0	9.4	176.2	−3.0		C 103,Ste(Cr),V339 Aur,CCCS 325	R	1
05 24 27.6	−10 39 16	937		10.9		212.8	−24.1	N(Ste)	Ste85, NSV 1966		1
05 24 34.3	+02 08 50	934		10.9		200.7	−18.2	N(Ste)	MacCon82, Ste		1
05 24 55.8	+40 04 02	924			10.6:	168.3	2.4		C 343, Fuen 37, CCCS 326, Ste		1
05 25 01.5	+33 49 28	926	13.5	11.2:	9.1	173.5	−1.1	N(Ste)	C 104, Upgr68, Ste, CCCS 327	R	1
05 25 26.5	+26 54 06	932	16.7	12.9	10.8	179.3	−4.9	N(BC)	BC 65, Fuen 43, MaeSoy2 24		1
05 25 38.5	+39 52 33	928		10.2	7.1	168.6	2.4		C 344, Ste, Fuen 40, CCCS 328		1
05 25 39.8	+42 46 22	927			10.8	166.2	4.1		Fuen 39, Ste, KurNik90		1
05 25 45.8	+36 20 21	930			11.8	171.5	0.5		Fuen 42, Ste		1
05 25 49.4	+39 44 36	929			11.4	168.7	2.4		Fuen 41, Ste		1
05 25 51.4	+49 08 31	925		10.9	7.6	160.8	7.6	N(D); C5,3(De)	D 279, C 721, CCCS 324	R	3
05 26 10.2	+32 24 47	936	15.2	12.8	10.6:	174.8	−1.6		C 105, V349 Aur, CCCS 332	R	1
05 26 11.1	+38 22 39	933			7.9	169.9	1.7		C 345, Fuen 44, CCCS 330, Ste		1
05 26 16.8	+24 02 58	938		11.0	8.5	181.8	−6.3		C 574, Fuen 46, CCCS 334	R	1
05 26 43.8	−70 04 14	984		8.5		280.8	−32.6		36598(K2),-70:313,Sndlk,CCCS 363	R	3
05 26 44.9	+32 00 38	939	13.6	11.1	9.6:	175.2	−1.8	N(Ste)	C 106, V350 Aur, Upgr68,CCCS 333	R	1
05 26 50.3	+24 45 17	945		15.8		181.3	−5.8		MaeSoy2 28		1
05 27 02.2	+36 47 36	940	13.8		10.2	171.3	0.9	N(Ste)	C 346, Ste, Fuen 48, CCCS 335		1
05 27 07.4	+34 08 58	941	15.6	8.2	5.9	173.5	−0.5	N(San)	35556(Nb), S Aur, CCCS 336	R	1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
05 27 24.4	+38 04 32	942			9.7	170.3	1.7		C 347, Fuen 50, CCCS 337, Ste		1
05 27 39.7	+41 10 09	943			10.7	167.7	3.5		Ste, KurNik90		1
05 28 03.1	+34 30 14	946		13.3	10.8	173.3	−0.2		C 107, OP Aur, Upgr68, CCCS 338	*R	1
05 28 15.2	+30 35 30	949			12.9	176.6	−2.3		Fuen 54, Ste		1
05 28 15.4	+37 13 22	947			11.2	171.1	1.4		Fuen 52, Ste		1
05 28 26.4	+35 29 44	948	16.6	14.4	12.2	172.5	0.5		Upgr68, OQ Aur, Fuen 53,CCCS 339	R	1
05 28 32.7	+51 37 01	944				159.0	9.3	N(BC)	BC 154		1
05 28 56.5	+34 30 48	951	16.8		12.0	173.4	0.0		Upgr68, Fuen 55, CCCS 341, Ste		1
05 28 56.8	+34 04 22	952	15.9		11.7	173.8	−0.2		Upgr68, Fuen 56, CCCS 342, Ste		1
05 29 04.7	+69 21 09	6098		15.8		143.3	18.4		Mic97		2
05 29 17.4	+03 29 01	958	12.7	10.5		200.1	−16.5	N(San);C5,4(Yam)	+3:924,D 21(N), GS Ori, CCCS 344	R	0
05 29 20.1	+43 24 33	950	12.8	9.9	7.7	166.0	5.0	LR or N(Har)	MSB 48(N), CM Aur, CCCS 340	R	0
05 29 36.1	+39 09 18	953			10.4	169.6	2.7		Fuen 57, Ste		1
05 30 09.8	+35 25 09	954			11.5	172.8	0.7		Fuen 58		1
05 30 10.7	+28 42 36	957	14.1	11.8	11.0r	178.4	−3.0	R8-N0(BC)	BC 66		1
05 30 14.0	+31 59 36	956	14.5	14.0	12.4	175.6	−1.2		Upgr68, OR Aur, Fuen 60,CCCS 343	R	1
05 30 30.8	+31 43 23	959		13.8	10.7	175.9	−1.3		Upgr68, OS Aur, Fuen 61,CCCS 345	R	1
05 30 32.8	+37 44 48	955			10.3	170.9	2.1		Fuen 59, Ste		1
05 30 33.1	+27 02 11	960			10.2	179.8	−3.8		Fuen 62		1
05 31 07.2	+31 54 17	962	13.6	12.7	9.6	175.8	−1.1		C 108, OU Aur, Upgr68, CCCS 347	R	1
05 31 09.6	+34 39 52	961	15.0	11.9	9.1	173.5	0.5	N(Ste)	C 348, OT Aur, Upgr68, CCCS 346	R	1
05 31 37.5	+23 33 07	965		12.3	9.8	182.9	−5.5		C 575, Fuen 66, CCCS 349	R	1
05 31 42.6	+15 25 34	969	13.6			189.8	−9.9	N(Ste65)	Ste65, CCCS 352		1
05 31 44.3	+28 16 49	964		12.2	10.0:	178.9	−2.9		C 109, Ste(Cr), Fuen 65,CCCS 348	R	1
05 31 46.2	+20 47 10	967		12.0	10.1	185.3	−7.0		C 576, Ste, CCCS 351		1
05 32 02.0	+38 38 24	963			11.9	170.3	2.8		Ste, KurNik90		1
05 32 02.9	+29 31 41	966		12.6	10.0:	177.9	−2.2		C 110, Ste, Fuen 67, CCCS 350	R	1
05 32 11.9	+18 24 54	974	12.9			187.3	−8.2	R(Ste)	Ste, CCCS 357		1
05 32 28.9	+29 40 52	971		11.9	9.6	177.8	−2.0		C 112, Ste(Crr),Fuen 70,CCCS 356	R	1
05 32 29.9	+15 44 47	977	14.0			189.7	−9.5	N(Ste65)	Ste65, CCCS 360	R	1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
05 32 36.1	+28 29 54	973	16.4	13.1	10.3	178.8	−2.6	N(BC)	Ste, Fuen 72, BC 67, CCCS 353	R	1
05 32 39.5	+35 39 34	968	14.9	12.6	10.0	172.9	1.3	N(BC)	Ste, BC 11, Fuen 69, CCCS 354		1
05 32 40.6	+32 56 22	972	14.4	14.5	9.2	175.1	−0.2	R(D)	D 180, OV Aur, C 111, CCCS 355	R	1
05 33 03.2	+18 08 01	980				187.7	−8.1	N(BC)	Bidun, BC 201		1
05 33 09.5	+42 26 29	970			10.7	167.2	5.0		Ste, KurNik90		1
05 33 11.6	+32 11 11	976		14.1:	11.2	175.8	−0.5		Upgr68, Fuen 73, CCCS 359, Ste	R	1
05 33 13.8	+07 09 13	988	9.7	8.2	5.8	197.3	−13.8	N(San);C6,4(Yam)	36602(Nb), RT Ori, CCCS 364	R	0
05 33 19.5	+29 38 05	979		14.5:	11.5	178.0	−1.9		Fuen 75, Zl 1, MaeSoy2 39, Ste		1
05 33 37.7	+40 28 32	975			9.9	168.9	4.0		C 349, CCCS 358, Ste		1
05 33 49.1	+40 41 19	978			9.8	168.7	4.2		C 350, CCCS 361		3
05 33 58.7	+26 06 50	986		13.7	12.2	181.0	−3.7		Fuen 77, MaeSoy2 40, Ste		1
05 33 58.8	+33 20 09	981	14.6		10.7	175.0	0.2		Upgr68,V351 Aur,Fuen 76,CCCS 362	R	1
05 34 17.6	+32 14 10	987		17.1:	12.0	175.9	−0.3		Fuen 74, Zl 2, MaeSoy2 41		0
05 34 25.4	+24 51 12	990	11.8	9.5	7.4	182.1	−4.3	R(Har);C4,4:(De)	244898(N), +24:862, CCCS 366	**R	1
05 34 35.3	+17 59 53	994			9.2J	188.0	−7.9	IRAS C;c(Epc90)	Lit 24,Epc90-8		1
05 34 42.3	+40 15 39	985			11.0	169.2	4.1		Ste, KurNik90		1
05 34 51.2	+46 11 19	982		13.0		164.2	7.3		Ste85		1
05 34 52.2	+43 38 50	983		11.5		166.3	5.9		Ste85(Cr)		1
05 35 01.4	+33 51 01	991	12.4	11.2	9.2	174.6	0.7		C 113, OW Aur, Upgr68, CCCS 367	R	1
05 35 07.7	+30 56 24	993		15.5:	11.2	177.1	−0.9		Fuen 80, Zl 3, MaeSoy2 43, Ste		1
05 35 28.9	+39 44 03	992		10.0	9.4	169.7	3.9	R(D)	D 182, C 351, Ste, CCCS 368		1
05 35 36.9	+19 47 08	997	12.6			186.6	−6.8	R0(Ste)	Ste, CCCS 369		1
05 35 39.0	+47 43 05	989			9.9	162.9	8.2		C 722, CCCS 365		3
05 35 47.7	−25 43 19	1004	10.4	7.9	5.8	229.5	−27.2	N(San);C7,3(War)	37212(Na),SZ Lep,CCCS 373	R	0
05 36 28.2	+25 51 30	1001		12.7:	10.3	181.5	−3.4		Fuen 82, MaeSoy2 44, Ste		1
05 36 39.1	+47 41 53	996		12.1		163.0	8.4		Ste85(Cr)		1
05 36 41.0	+30 59 23	999		16.5:	5.1J	177.2	−0.6		MaeSoy2 45, GEAS97		1
05 36 56.7	+52 02 33	995	12.6	13.8		159.3	10.6	Ce(Ste)	Ste85, V492 Aur		1
05 36 57.4	+35 28 38	1000			13.2	173.5	1.9		Fuen 81, GEAS97		1
05 37 46.3	+30 03 49	1003		12.5	9.5	178.1	−0.9		C 114, Ste(Cr), Fuen 83,CCCS 372	R	1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
05 37 55.9	+22 06 18	1005			10.4	184.9	−5.1		C 578, CCCS 375, Ste		1
05 38 13.7	+22 49 14	1006		10.8	7.8	184.3	−4.6	N(Ste)	C 577, Ste, Fuen 84, CCCS 374	R	1
05 38 15.1	+21 15 13	6099				185.7	−5.5	N(BC)	BC 202		1
05 38 16.6	+45 37 33	1002		11.4		165.0	7.5	R(D)	D 282, Har(LR or N),Ste,CCCS 371		1
05 38 54.2	+30 26 52	1008		14.9:	10.7:	177.9	−0.4		C 115, Fuen 85, CCCS 376, Ste	R	1
05 39 21.8	+20 10 24	1010		11.8	9.9	186.7	−5.8		C 579, Ste, CCCS 378		1
05 39 42.5	−08 07 52	1017		13.5	8.4	212.1	−19.6		HanBl,V1187 Ori,NSV 2533,Ste(Crr)	R	1
05 39 52.6	+46 45 46	6100				164.1	8.3	c:(OLFHHS)	OLFHHS		i
05 39 53.0	+23 10 02	1011		15.2	12.2	184.2	−4.1		Fuen 87, MaeSoy2 49, Ste		1
05 39 59.2	+33 26 42	1009		11.5	9.3	175.5	1.3		C 352, V340 Aur, Ste, CCCS 377	R	1
05 40 10.5	+49 19 50	1007		13.5		161.9	9.7	N(Ste)	Ste85	R	1
05 40 14.2	+26 31 40	1012		15.9	13.5	181.4	−2.3		Fuen 88, MaeSoy2 50		1
05 40 37.4	+13 48 24	6101	17.5	15.0	11.3	192.4	−8.9		CK77, V1404 Ori, GJ93, Gug93		i
05 40 39.9	+34 38 55	1013			12.5	174.6	2.1		Fuen 89, Ste		1
05 40 49.1	+27 36 17	1015		13.6	11.2	180.6	−1.6		Fuen 91, MaeSoy2 51, Ste		1
05 41 01.1	+34 37 15	1014			9.9	174.6	2.2		C 353, V341 Aur,Fuen 90,CCCS 379	R	1
05 41 02.5	+68 47 55	998		8.1	6.3	144.3	19.1	Np(Sh)	36972(R8), S Cam, CCCS 370	R	0
05 41 06.1	+30 13 35	1016		11.8		178.4	−0.2		Ste85		1
05 41 11.6	+12 17 55	1022		10.0	6.7	193.8	−9.5	N(D,Epc90)	D 27,NSV 2557,CCCS 381,AFGL 801	R	1
05 41 30.0	+14 18 22	6102				192.0	−8.4		BC 203		1
05 41 50.0	+22 27 10	1023		13.1	10.3	185.1	−4.1		Ste85, Fuen 93, MaeSoy2 52		1
05 41 50.1	+37 42 08	1019			9.5	172.1	3.9		C 354, V342 Aur, CCCS 380		3
05 41 51.7	+34 35 22	1020			12.0	174.8	2.3		Fuen 92, Ste		1
05 42 03.0	+41 03 50	1018				169.3	5.7	N(BC)	BC 155, NSV 2565?, Ste		1
05 42 15.0	+28 17 23	1025		11.0	10.6	180.2	−1.0		C 116, Ste, Fuen 94, CCCS 382	R	1
05 42 40.1	+46 07 56	1021				164.9	8.4	N(BC)	BC 156		1
05 42 57.1	−17 26 36	1036		11.7		221.6	−22.7	N(Ste)	BidMac, Ste		1
05 42 57.1	−16 46 12	1035		9.9		220.9	−22.5	R0(Van)	-16:1217, Van 18, CCCS 389	R	3
05 42 59.0	+47 58 49	6103				163.4	9.4		GEAS97		i
05 43 02.5	+33 40 39	1026		11.2:	9.7	175.7	2.0	N(Ste)	C 355, V343 Aur, Ste, CCCS 383	R	1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
05 43 05.0	+22 47 16	1029		13.8	10.4	184.9	−3.7		Fuen 97, MaeSoy2 54, Ste		1
05 43 13.8	−46 27 14	1052	11.8	7.0		252.9	−30.7	N(Pick11)	-46:1969, W Pic, Hen 8, CCCS 398	R	0
05 43 20.0	+31 58 08	1028		14.2	11.0	177.2	1.2		Fuen 96, Zl 4, MaeSoy2 55, Ste		1
05 43 26.3	+10 04 27	1031	13.8			196.0	−10.2	N(Ste65)	Perr61, Ste65, CCCS 386	R	1
05 43 42.1	+29 09 33	1030			12.4	179.6	−0.2		Fuen 98, Ste		1
05 43 43.2	−32 23 29	1045	18.2	16.6	14.3	237.2	−27.6	IRAS C	Lit 25, Fou92, GJ93		1
05 43 49.5	+32 42 06	6104			1.6L	176.6	1.6	IRAS C	GJBSW, AFGL 809, V370 Aur		i
05 43 51.9	+19 12 51	1032		10.5	9.2	188.1	−5.4	N:(Ste)	+19:1047, C 506, Ste, CCCS 385		1
05 44 11.2	+16 40 43	1033			9.9	190.3	−6.6		C 581, CCCS 387		3
05 44 18.9	+47 10 50	1027		11.1		164.2	9.2	N(D); C5+,4(De)	D 283, Mich, CCCS 384		3
05 44 30.8	+21 53 42	1034	14.3		7.8	185.9	−3.9		C 117, C 580, V961 Tau, CCCS 388	**	3
05 44 50.5	+04 44 36	1040		11.7:		200.9	−12.5	N(D); C6,3(De)	D 29, Ste(N), BidMac, CCCS 391		1
05 45 01.4	+30 45 34	1037		15.1	12.0	178.4	0.8		Fuen 99, Zl 5, MaeSoy2 56, Ste		1
05 45 13.7	+24 25 13	1038	11.1	8.7	5.0	183.8	−2.4	N2 + A(Sh)	38218(Nb),TU Tau,CCCS 390	R	0
05 45 26.6	+15 30 44	1043	11.8	9.9	7.1	191.5	−7.0	N(San)	247224(N), CP Tau, CCCS 394	R	1
05 45 36.6	+12 16 18	1044	12.0		6.6J	194.3	−8.6	N(Ste)	Ste, QS Ori, Epc90-12, CCCS 395	R	1
05 45 39.4	+20 41 42	1042	10.1	6.9	4.5	187.1	−4.3	N2(Sh)	38307(Nb),HR 1977,Y Tau,CCCS 393	R	0
05 45 48.2	+25 29 42	1041		11.6	9.6	183.0	−1.8		C 118, Ste(Cr),Fuen 101,CCCS 392	R	1
05 45 54.6	+66 02 16	1024		13.8		147.2	18.3		Ste85, NSV 2598		2
05 46 13.7	+25 42 38	1047		13.1	10.0	182.8	−1.6		Fuen 102, MaeSoy2 59, Ste		1
05 46 30.7	+22 47 28	1051		13.5	10.8	185.4	−3.0		Fuen 104, MaeSoy2 60, Ste		1
05 46 34.9	+25 38 06	1049		12.4	9.9:	182.9	−1.5		C 119, Ste(Cr),Fuen 103,CCCS 397	R	1
05 46 50.0	+37 10 02	1046	16.7	13.0	10.7	173.1	4.5	N(BC)	BC 12, V344 Aur, Ste		1
05 46 51.1	+23 38 31	6105				184.7	−2.5	c	GEAS97		i
05 46 53.1	+24 12 14	1054		12.3	10.3	184.2	−2.2	N(BC)	Fuen 106, MaeSoy2 62, Ste, BC 192		1
05 47 00.1	+28 51 31	1053	13.9	11.1:	11.5	180.2	0.2	R-N(BC)	HI Aur, Ste, BC 68, CCCS 399	+R	1
05 47 19.8	+05 07 22	1064	11.0			200.9	−11.8	R(Ste65)	Ste65, CCCS 403		1
05 47 35.1	+53 21 10	1039		13.5		159.0	12.7		Ste85		1
05 47 36.1	+13 22 36	1063			11.7J	193.6	−7.6		Lit 26, Epc90-13		1
05 47 39.5	+43 12 43	1050			8.9	167.9	7.7		Vogt,V393 Aur,RAFGL 815,IRC+40140		2

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
05 47 47.0	+28 43 51	1059		13.5	10.6	180.4	0.3		Fuen 108, MaeSoy2 64		1
05 47 50.6	+30 34 54	1058		11.7	9.3	178.8	1.3		C 356, Ste(Cr),Fuen 107,CCCS 401	R	1
05 47 54.0	+50 23 41	1048		11.2	6.8	161.6	11.3	N(Ste);C5+,4(De)	D 284(R), C 723, Ste, CCCS 396		1
05 48 03.1	+32 03 19	1060		16.2	10.8	177.6	2.1		Fuen, Zl 6, MaeSoy2 66, Ste		1
05 48 03.9	+34 51 32	1056			13.4	175.2	3.5		Ste		1
05 48 07.0	+16 48 08	1066	14.4			190.7	−5.8		Ste, CCCS 404		1
05 48 08.2	+30 37 52	1061	11.4	8.3	5.9	178.8	1.3	N0(Sh);C7,2(Yam)	38572(Na),FU Aur,CCCS402,IRC+30127	R	0
05 48 09.6	+38 08 34	1055		15.8	13.1	172.4	5.2		Ste, BC 311		1
05 48 14.3	+31 21 38	1062		14.0	11.6	178.2	1.7		Ste85, Fuen 111,Zl 7, MaeSoy2 68		1
05 48 44.2	+44 54 40	1057	11.3	9.9	7.2	166.5	8.7	N(San);C4,4(Yam)	38521(Pec), AF Aur, CCCS 400	R	2
05 48 46.6	+26 13 13	1067	15.3	11.9	9.9	182.7	−0.8	R:(Ste)	Ste, Fuen 112, CCCS 406	R	1
05 49 04.3	+19 04 21	6106		9.1	7.7J	188.9	−4.4	G0−1Iep(C1,0 Hd)	Gug93, SU Tau	R	i
05 49 05.7	+32 02 54	1068	14.5	11.8	10.9	177.7	2.3		Perr61,Ste(C:),Fuen 113,CCCS 405	R	1
05 49 19.5	+42 34 00	1065				168.7	7.6	N(BC)	BC 157		1
05 49 24.2	+14 39 58	1076			9.2	192.7	−6.6		C 582, CCCS 409		3
05 49 24.3	+23 51 59	1072	16.4			184.8	−1.9	R:(Ste)	Ste, CCCS 408		3
05 49 28.0	+28 06 14	1069			13.4	181.1	0.3		Ste, IRAS		1
05 49 32.1	+46 35 57	6107		17.3		165.1	9.7	C -,4(CWWV96)	CWWV96		i
05 49 34.8	+23 22 51	1074		13.9	10.2	185.2	−2.1		Fuen 116, MaeSoy2 71, Ste		1
05 49 47.4	+29 32 53	1073	17.1	12.5	11.2	179.9	1.1	N(BC)	BC 69, MaeSoy2 72, Ste		1
05 49 57.6	+34 37 24	1071	12.6	10.9	10.3	175.6	3.7	R(BC)	BC 13, Fuen 115		1
05 50 00.3	+22 16 13	1079		12.9	10.0	186.2	−2.6		C 121, Fuen 118, CCCS 412	R	1
05 50 00.4	+25 17 11	1078		12.1	10.0	183.6	−1.1		C 120, Fuen 117, CCCS 410, Ste	R	1
05 50 00.7	+35 45 24	1070		9.0	8.6	174.6	4.3	C6,2(De)	C 357, Ste, Fuen 114, CCCS 407		1
05 50 30.4	+38 20 12	1075		13.9	11.1	172.4	5.7		Bidun,IRAS 05470+3819,Ste,BC 312		1
05 50 39.5	−02 03 22	1086		15.0		207.7	−14.4		Boes	R	2
05 51 07.1	+17 22 43	1084			10.1	190.6	−4.9		C 583, CCCS 413		3
05 51 34.3	+23 37 11	1085		14.4	11.4	185.2	−1.6		Fuen 120, MaeSoy2 75, Ste		1
05 51 44.5	+30 45 00	1083			10.9	179.1	2.1		Fuen 119		1
05 51 45.2	−75 44 46	1138				287.0	−29.9	N(May51)	May51, CCCS 438		2

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
05 51 46.4	+35 22 19	1081			12.8	175.1	4.4		Ste, GEAS97		1
05 52 00.1	+48 26 07	1080		10.7	7.0	163.7	10.9	N(Ste);C5+,5(De)	D 286, C 724, Ste, CCCS 411		1
05 52 17.9	+29 32 18	1087			11.2	180.2	1.6		Fuen 121		1
05 52 26.5	+43 29 56	1082				168.1	8.6		BC 158		1
05 52 40.4	+32 11 52	1088		13.1	9.3	178.0	3.0		C 358, V358 Aur, CCCS 414	R	1
05 52 40.9	+25 21 25	1091			12.8	183.9	−0.5		Fuen 125, GEAS97		1
05 52 46.7	+29 54 23	1089	13.4	10.0	7.6	180.0	1.8	N(Ste); C7,2(De)	+29:1026, C 274, Ste, CCCS 415	R	1
05 52 53.0	+29 50 19	1090		11.0	9.9	180.0	1.8		C 369, Ste, Fuen 124, CCCS 416	R	1
05 53 04.5	+30 38 40	1092		11.9	9.3	179.4	2.3		C 360, Fuen 126, CCCS 417, Ste	R	1
05 53 10.8	+29 04 45	1093		14.2	11.6	180.7	1.5		Fuen 127, MaeSoy2 80, Ste		1
05 53 41.0	+24 26 39	1094		13.2	11.8	184.8	−0.8		Fuen 128, MaeSoy2 81, Ste		1
05 53 42.9	+22 15 39	1095		14.2	10.8	186.7	−1.9		Ste85,Fuen 129,MaeSoy2 82,BC 193		1
05 54 01.6	+24 09 59	1097		14.1	12.2	185.1	−0.8		Fuen 131, MaeSoy2 85		1
05 54 06.4	+28 38 52	1096	13.7	10.4	9.3	181.2	1.4	R:(Ste)	C 361, Ste, Fuen 130, CCCS 418	R	1
05 54 15.8	+01 05 19	1101	13.3		9.1	205.3	−12.2	R5(BSD)	BSD 97-925, C 725, CCCS 422	R	3
05 54 23.2	−84 03 40	1212				296.4	−28.4	R(May51)	May51, CCCS 474	R	2
05 54 39.2	+30 11 35	1098		12.7	10.4	179.9	2.3		C 362, Ste, Fuen 132, CCCS 419	R	1
05 55 04.5	+31 27 48	1099		12.0	9.9	178.9	3.0		C 364, Ste, Fuen 133, CCCS 421	R	1
05 55 13.4	+34 02 55	1100		11.2	8.5:	176.6	4.4		C 363, Ste(Crr), CCCS 420	R	1
05 55 20.9	+26 08 14	1102		15.4	13.4	183.5	0.4		MaeSoy2 88(C:), Ste		1
05 55 55.3	+32 02 20	1103		11.4	9.4	178.5	3.5	C-S(Ste)	C 365, Ste, Fuen 135, CCCS 423	R	1
05 55 56.1	+22 51 45	1105		14.9	11.6	186.4	−1.1		Fuen 137, MaeSoy2 90		1
05 56 03.6	−01 35 03	1117		10. :		208.0	−13.0	N?(D); C5,3(De)	D 32, Mich, CCCS 428		3
05 56 07.3	+14 15 34	6108				193.9	−5.4		BC 204		1
05 56 13.6	+33 52 36	1104		10.6:	8.6	176.9	4.5	R(Har)	C 366, Har,Ste,Fuen 136,CCCS 424	R	1
05 56 33.6	+28 48 41	1106		12.9	10.8	181.3	2.0		Fuen 138, MaeSoy2 91, Ste		1
05 56 48.3	+30 50 10	1107		13.6	11.5	179.6	3.1		Fuen 139, MaeSoy2 92, Ste		1
05 56 50.9	+30 06 57	1109		11.4	9.3	180.2	2.7	LR or N(Har)	C 367, Har, Fuen 140, CCCS 425	R	1
05 56 53.4	+22 45 21	1112		13.3	8.7	186.6	−1.0		BC 34, Ste, Fuen 141, MaeSoy2 94		1
05 56 57.2	+20 52 32	1116		11.2:	8.2	188.2	−1.9		C 122, Ste, CCCS 427		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
05 56 59.5	+22 23 53	1115		14.0	10.7	186.9	−1.1		Fuen 143, MaeSoy2 95		1
05 57 04.8	+25 44 54	1113		15.6	12.6	184.0	0.6		Fuen 142, MaeSoy2 97, Ste		1
05 57 08.7	+33 51 36	1110		10.2		177.0	4.6	R2(Van)	+33:1194,Van 19,Har(R0),CCCS 426	R	0
05 57 21.9	+39 42 22	1108	15.1	11.9	11.1r	171.9	7.5	N(BC)	BC 14, QQ Aur, Ste		1
05 57 42.3	+36 14 19	1114			13.1	175.0	5.9		Ste		1
05 58 06.4	+12 17 41	1122			9.7	195.8	−5.9		C 584, CCCS 430		3
05 58 11.3	+28 28 06	1118		9.8:	7.6	181.8	2.1		C 368, C 369, Ste, CCCS 429	**R	1
05 58 31.2	+12 36 38	1124			9.7	195.6	−5.7		C 585, CCCS 431		3
05 58 35.1	+32 21 23	1119		13.7	10.8	178.5	4.1		Fuen 145, MaeSoy2 99, Ste		1
05 58 56.4	+22 05 24	1125			12.4	187.4	−0.9		Fuen 148		1
05 58 58.1	+26 48 43	1123			11.9	183.3	1.5		Fuen 147		1
05 59 04.0	+35 00 14	1120	15.0	12.9	12.0r	176.2	5.5		BC 15, Fuen 146		1
05 59 07.2	−10 52 38	6109	12.3		6.3	216.9	−16.5		HanBl,CKJJ,AFGL 4458S,V776 Mon	R	2
05 59 37.5	+42 00 29	1121				170.1	9.0	N(BC)	BC 159		1
05 59 50.1	+24 47 53	1126		13.8	10.7:	185.2	0.6		C 123, Fuen 149, CCCS 432, Ste	R	1
06 00 24.0	+31 11 53	1127		13.8		179.7	3.9		MaeSoy2 102		1
06 00 31.5	+20 51 51	1131		13.9	10.3	188.7	−1.2		BC 35, Fuen 151, NSV 2769		1
06 00 36.9	+02 24 17	1137		11. :	7.7	204.9	−10.2	N(D); C6,3(De)	D 33, C 726, CCCS 437		3
06 00 46.3	+18 59 27	1132			12.8	190.3	−2.1		Fuen 152		1
06 00 52.1	+30 45 25	1130		12.6	10.0:	180.1	3.8		+30:1079, C 275, Ste, CCCS 434	R	1
06 01 00.7	+21 05 22	1133		11.8:	9.4:	188.5	−1.0		C 124, Ste(Crr!), CCCS 435	R	1
06 01 07.2	+39 40 17	1128	10.5	9.7	7.5	172.3	8.2	Ne(San)	MSB 15,AZ Aur,CCCS 433,AFGL 853	R	1
06 01 11.8	+22 32 56	6110			4.2J	187.3	−0.2	c	GEAS97		i
06 01 17.5	+21 21 02	1135			12.2	188.3	−0.8		Fuen 155		1
06 01 30.0	+27 40 14	1134		14.4:	11.9	182.9	2.4		Fuen 154, MaeSoy2 104		1
06 01 32.4	+20 11 49	1140		13.7	9.7	189.4	−1.3		BC 36, Ste, Fuen 158, NSV 2779		1
06 01 42.5	+24 33 59	1139		14.5	12.2	185.6	0.9		Fuen 157, MaeSoy2 106, Ste		1
06 01 43.6	+29 27 18	1136	13.4	9.2	7.6	181.3	3.3	N(D); C5,3(De)	D 186, BQ Aur, C 370, CCCS 436	R	1
06 01 48.1	+06 38 11	1145		13.5		201.3	−7.9	C-S(Ste65)	Ste65	R	1
06 01 56.0	+49 32 08	1129		11.4		163.5	12.9	N(Ste)	Ste85	R	1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
06 02 14.6	+29 31 31	1142		10.0	7.8	181.3	3.4	R(D); C4+,4(De)	D 187, NU Gem, C 371, CCCS 439	R	1
06 02 25.9	+33 31 38	1141	15.0	12.6	11.5r	177.8	5.4	N(BC)	BC 70		1
06 02 45.9	+29 38 45	1144	13.5	11.0	8.6	181.3	3.6		C 372, BR Aur, Ste, CCCS 441	R	1
06 02 53.9	−03 36 22	1154		11.4		210.6	−12.4		MacCon79		2
06 02 59.1	+24 06 28	1147		14.7	11.7	186.1	0.9		Fuen 161, MaeSoy2 109		1
06 03 18.0	+01 58 54	1155			9.3	205.6	−9.8		C 727, CCCS 444		3
06 03 23.3	+34 45 26	6111				176.9	6.2	c	GEAS97		i
06 03 31.6	+25 59 59	1149		9.7	10.3	184.5	1.9		C 373, Ste, Fuen 162, CCCS 443	R	1
06 03 38.3	+46 27 39	6112				166.4	11.7		GEAS97		i
06 03 38.9	+20 07 03	1150			11.5	189.7	−0.9		Fuen 163		1
06 03 44.6	+19 03 08	1153			10.3	190.6	−1.4		Fuen 166		1
06 03 46.5	+19 56 09	1152			10.7	189.9	−1.0		Fuen 165		1
06 03 56.2	+12 57 35	1156	13.3			196.0	−4.4	N(Ste65)	Ste65, CCCS 445		1
06 03 58.7	+42 33 37	1146		13.0		170.0	10.0	N?(Ste)	Ste85		1
06 03 59.5	+07 25 51	6113			18	200.8	−7.0		MS76b,V1259 Ori,Jon78,GJB93,GJ93	R	i
06 04 00.2	+26 52 22	1151	14.0	10.0	9.2	183.8	2.5		C 374, LN Gem, Ste, CCCS 440	+R	1
06 04 22.4	−33 02 37	1162	11.6			239.3	−23.6	R(Sto)	Sto III-8, BidMac, CCCS 451		1
06 04 29.5	+47 17 16	1148	12.0	11.3		165.7	12.3	N(San)	D 287(N), XZ Aur, CCCS 442	R	1
06 04 30.3	+10 10 33	1158		11. :	9.1	198.5	−5.6	C4,5(Yam)	D 34(N?),NSV 2814,C 586,CCCS 447	R	2
06 04 59.6	+28 23 07	1157		12.2	9.9	182.6	3.4		C 375, CCCS 446, MaeSoy2 112,Ste		1
06 05 15.2	+03 21 54	6114			12.0J	204.6	−8.7	c	Gug93		i
06 05 22.6	+18 31 25	1159			9.2	191.3	−1.4		C 125, Fuen 167, CCCS 448		1
06 06 11.3	−08 30 23	1165	12.5	12.1		215.5	−13.9	N(Ste65)	Ste65, CCCS 452		1
06 06 11.6	+11 57 30	1161			9.9	197.1	−4.4		C 587, CCCS 450		3
06 06 21.2	+18 10 30	1160	13.8			191.7	−1.3	R(Ste)	Ste, CCCS 449		3
06 06 33.4	+67 32 60	1143	11.3	12.5		146.6	20.8	N(Ste)	Ste85, HP Cam, Lit 27		1
06 06 58.0	+00 28 45	1166		11.5		207.4	−9.7	C6:,3(De)	Ste65, CCCS 453		1
06 07 07.2	+29 12 14	1163		14.5	11.9	182.1	4.2		Fuen 168, MaeSoy2 114, Ste		1
06 07 07.5	−04 35 40	1168	10.6			212.0	−11.9		-4:1365, Ste65, CCCS 455	R	1
06 07 12.8	+22 51 56	1164		15.5	12.8	187.7	1.1		Fuen 169, MaeSoy2 115		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
06 08 17.4	+22 42 29	1169		12.0	9.1	187.9	1.3		C 376, Ste, NSV 2837, CCCS 456	R	1
06 08 41.0	+19 54 20	1170			10.8	190.4	0.0		Fuen 171		1
06 08 57.1	+18 40 14	1171			11.7	191.6	−0.5		Fuen 172		1
06 09 00.5	+40 54 40	1167		10.5:		171.9	10.1	N,wk e(Ste)	D 188(R), Ste, CCCS 454	R	1
06 09 12.1	+04 37 03	1175			9.1	203.9	−7.2		C 588, CCCS 459		3
06 09 42.9	+19 09 26	1174			12.2	191.2	−0.1		Fuen 175		1
06 09 46.0	+30 01 47	1172		12.4	9.6	181.7	5.1		C 728, Fuen 173, CCCS 457, Ste	R	1
06 09 59.1	+19 31 56	1176			12.1	190.9	0.1		Fuen 176		1
06 10 10.1	+12 00 47	1191			7.1J	197.5	−3.5	N(BC)	BC 194, Gug93		3
06 10 17.0	+04 06 53	1180			9.9	204.5	−7.2		C 589, CCCS 462		3
06 10 18.1	+32 03 10	1173		13.1	9.9	179.9	6.2		C 729, Fuen 174, CCCS 458, Ste	R	1
06 10 21.9	+16 01 39	1178			11.9	194.0	−1.5		Fuen 178		1
06 10 51.5	+30 37 40	1177		12.7	9.1	181.3	5.6		C 730, Fuen 177, CCCS 460, Ste	R	1
06 10 51.5	+09 22 35	6115		12.0		199.9	−4.6		SoyMae93		1
06 10 53.0	+26 00 53	1179	9.4	7.4	5.0	185.3	3.4	N3(Sh);C6,4(Yam)	42272(Na),TU Gem,CCCS 461	R	1
06 10 55.3	+08 08 58	1183		12.5		201.0	−5.2		Ste65, SoyMae93, CCCS 463	R	1
06 11 16.1	+13 00 29	6116			6.8J	196.8	−2.8	c	Gug93		i
06 11 22.3	+28 32 13	1181		14.8	12.5	183.2	4.7		Fuen 180,MaeSoy2 121,Ste		1
06 11 26.1	+12 58 45	1186			10.4	196.8	−2.8		C 126, CCCS 464		3
06 11 29.3	+19 41 37	1184			12.8	190.9	0.5		Fuen 181		1
06 11 47.8	+19 08 19	1187			9.5J	191.5	0.3		Lit 28, Epc90-14		1
06 11 53.6	+24 14 06	1185	14.8	11.4	9.2	187.0	2.7	N(Ste)	C 377, IW Gem, Ste, CCCS 465	R	1
06 12 17.4	+09 21 02	6117		11.2		200.1	−4.3		SoyMae93		1
06 12 19.9	+20 02 10	1188			12.6	190.7	0.8		Fuen 182		1
06 12 25.3	+43 28 18	1182		13.5		169.9	11.8		Ste85		1
06 12 25.4	+10 31 01	6118		11.6		199.1	−3.7		SoyMae93		1
06 12 26.9	+12 12 36	1190	14.0	12.3	9.6	197.6	−2.9		C 127, EI Ori, SoyMae93, CCCS 467		1
06 12 30.2	−27 10 15	1197			6.9J	234.0	−20.0		Lit 29, Epc90-15		1
06 12 44.3	+27 39 34	1189		13.7	10.1	184.1	4.5		C 378, Fuen 183, CCCS 466, Ste	R	1
06 13 07.0	−16 25 19	1200		13.0:		223.6	−15.7	N(Ste)	BidMac, Ste		1

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06 13 15.3	+12 18 01	6119			12.0J	197.6	−2.7	c	Gug93		i
06 13 17.2	+13 45 05	6120			4.4K	196.4	−2.0	c	GBE98		i
06 13 20.8	−09 36 05	1199				217.3	−12.8		-9:1375, Bidun, IRAS 06109-0935		1
06 13 28.0	+13 45 27	1193			11.9	196.4	−2.0		Fuen 185		2
06 13 31.4	+07 36 57	6121		14.4		201.8	−4.9		SoyMae93		1
06 13 48.0	+21 36 05	1192			12.2	189.5	1.9		Fuen 184		1
06 14 34.8	+21 35 06	1198			10.8	189.6	2.0		Fuen 187		1
06 14 35.9	−15 01 12	1210		13.0		222.5	−14.8	R(Ste)	Ste85		1
06 14 40.2	+33 24 45	1195	15.4	12.2	10.1	179.2	7.6	N(BC)	BC 71, Fuen 186		1
06 14 49.7	+28 09 37	1196		10.6		183.9	5.2		Ste85		1
06 14 53.9	+08 39 59	6122		11.6		201.0	−4.1		SoyMae93		1
06 14 54.3	+22 43 10	1201		14.3	10.2	188.7	2.6		Fuen 188, MaeSoy2 124		1
06 15 24.6	+21 33 48	1202			10.2	189.7	2.2		Fuen 189		1
06 15 26.4	+47 54 26	1194				166.0	14.2		Bidun, IRAS 06116+4755		1
06 15 27.0	+07 05 55	1211		11.5	9.0	202.5	−4.7		C 590, SoyMae93, CCCS 471		1
06 15 27.3	+14 38 19	1208			10.3	195.8	−1.1	N(BC)	Fuen 194, BC 195		1
06 15 30.5	+21 08 05	1204			9.5	190.1	2.0		C 379,NSV 2880,Fuen 190,CCCS 468		1
06 15 37.7	+21 51 18	1205		13.0	9.2	189.5	2.4		C 380, Ste, Fuen 191, CCCS 469		1
06 15 38.2	+21 50 09	1206			11.5	189.5	2.4		Fuen 192		1
06 15 44.5	+27 32 55	1203		14.2	12.4	184.5	5.1		MaeSoy2 125, Ste		1
06 15 45.7	−01 46 55	1215		12.5		210.4	−8.7		Ste65, CCCS 475		1
06 15 47.1	+22 23 29	1207		12.5	8.9	189.1	2.6		C 381, Ste, Fuen 193, CCCS 470		1
06 15 59.8	+05 56 22	6123		15.5:		203.6	−5.1		SoyMae93(C:)		1
06 16 00.3	+22 49 26	1209			11.5	188.7	2.9		Fuen 195		1
06 16 06.4	+06 46 37	1214			9.5	202.8	−4.7		C 591, SoyMae93, CCCS 473		1
06 16 15.2	+12 44 28	6124		12.9		197.6	−1.8		SoyMae93		1
06 16 16.1	+10 30 48	6125		11.7		199.6	−2.9		SouMae93		1
06 16 21.6	+09 53 54	1216	14.7		8.9	200.1	−3.2		C 128, SoyMae93, V1026 Ori, CCCS 4	76	1
06 16 26.6	+02 18 29	6126		14.9		206.9	−6.7		SoyMae93		1
06 16 30.2	−35 39 08	1228	10.8			242.9	−22.1	R(Sto)	Sto III-12, CCCS 484		1

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06 17 08.4	+30 38 58	1213			9.1	181.9	6.8		C 731, CCCS 472		3
06 17 12.0	+06 45 22	6127		12.2		203.0	−4.5		SoyMae93		1
06 17 24.2	+03 15 14	6128		13.7		206.1	−6.1		SoyMae93		1
06 17 33.0	+20 06 17	1218			10.0	191.3	1.9		C 382, Fuen 196, CCCS 478		1
06 17 35.3	+18 35 59	1219	16.7		9.3	192.6	1.2	N(Ste)	Ste, Fuen 197, CCCS 477		1
06 17 37.2	+09 37 35	6129		12.1		200.5	−3.0		SoyMae93		1
06 17 41.6	+14 28 51	1221	14.5	11. :	8.2:	196.2	−0.7	N(D,Ste)	D 36,C 129,Ste,Fuen 199,CCCS 479		1
06 17 42.1	+08 31 11	1222		9.5	6.3	201.5	−3.5	N(San);C5,4(Yam)	+8:1263,D 38(N),GK Ori, CCCS 480	R	0
06 17 43.6	−00 15 07	1226		9.5	7.7	209.3	−7.6	N(San);C6,4(Yam)	291455(N:), V1393 Ori, MSB 16	*R	0
06 18 00.6	+03 44 22	6130		12.6		205.8	−5.7		SoyMae93		1
06 18 21.9	+15 18 13	1225			10.8	195.6	−0.2		Fuen 200		1
06 18 22.7	+34 38 13	1220			12.3	178.4	8.9		Fuen 198		1
06 18 25.9	−01 07 46	1230		10. :		210.2	−7.9	N(San);C3,3(Yam)	MSB 17, D 40(N),BidMac, V1394 Ori	R	0
06 18 52.3	+20 08 35	1227	13.9		8.4	191.4	2.2		C 383, GL Ori, Ste(Cr), CCCS 483	R	1
06 18 59.4	+12 34 10	6131		12.9		198.1	−1.3		SoyMae93		1
06 19 12.7	+50 28 38	1217		12.5	4.1J	163.8	15.8	N(Ste)	Ste85, GEAS97		1
06 19 14.1	+09 11 18	1231	14.0			201.1	−2.9	N(Ste65)	Ste65, CCCS 487		1
06 19 15.2	+21 37 06	1229		12.5	9.3:	190.1	3.0		C 384, Ste(Cr),Fuen 202,CCCS 485		1
06 19 31.1	−00 45 39	1235		12.5		210.0	−7.4		-0:1257sp, Ste65, CCCS 491		1
06 19 35.9	+01 29 43	1234	13.5			207.9	−6.4	R(Ste65)	Ste65, CCCS 490		1
06 19 36.3	+05 56 39	6132		13.4		204.0	−4.3		SoyMae93(C:)		1
06 19 37.2	+06 48 38	1233		11.1	9.8	203.2	−3.9		C 130, SoyMae93, CCCS 489		1
06 19 43.5	+18 15 17	1232		11.5	9.6	193.1	1.5		C 385, Ste, Fuen 203, CCCS 488		1
06 19 50.3	+05 19 32	1236	10.0:	10.5	9.0	204.6	−4.6	N:(Ste65)	C 592, Ste65, SoyMae93, CCCS 492	R	1
06 19 50.4	+09 01 34	6133		11.7		201.3	−2.8		SoyMae93		1
06 20 11.3	+10 54 57	6134			7.7J	199.7	−1.9	c	Gug93		i
06 20 25.0	+50 28 36	1223			9.9	163.9	16.0		C 732, CCCS 481		3
06 20 33.7	+03 53 26	1239		10.8	9.1	205.9	−5.1		C 594, SoyMae93, CCCS 495		1
06 20 36.3	+23 46 28	6135	12.2		4.4J	188.4	4.3	c	GEAS97, V349 Gem		i
06 20 39.8	+05 52 58	1238		11.2	9.6	204.2	−4.1		C 593, SoyMae93, CCCS 494		1

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06 21 05.3	+16 15 58	1241			10.3	195.0	0.9		Fuen 204, Ste		1
06 21 05.9	+16 42 26	1240			10.7	194.7	1.1		Ste		1
06 21 07.6	+11 34 10	1243		12.5	8.4J	199.2	−1.3		Ste65, Epc90,AFGL 918, CCCS 496		1
06 21 42.4	+07 13 35	6136		13.0		203.1	−3.3		SoyMae93(C:)		1
06 21 54.4	+06 26 30	1247	18.2	13.4	12.0r	203.8	−3.6	N(Alks72)	Alks72, SoyMae93, V615 Mon		1
06 21 55.3	−12 38 08	6137			12.1J	221.0	−12.2	c	Gug93		i
06 21 58.0	+07 20 58	1246	12.7	9.0	6.3	203.0	−3.1	N(San)	MSB 18,SoyMae93,BN Mon,CCCS 498	R	1
06 22 02.0	+12 10 24	1259		12.2		198.8	−0.9	N(BC)	BC 196,SoyMae93		1
06 22 05.2	+11 25 29	6138			9.7J	199.4	−1.2	c	Gug93		i
06 22 07.3	−06 00 30	1249		11.5		215.0	−9.2		Ste65, CCCS 499		1
06 22 11.3	+14 25 20	1245			9.5	196.8	0.2	N(BC)	Fuen 205, BC 197		1
06 22 13.8	+46 04 40	1237		11.4		168.2	14.5	N(Ste)	D 288(R), V381 Aur, Ste, CCCS 493		1
06 22 21.1	+16 34 25	6139			14.5J	194.9	1.3	c	Gug93		i
06 22 26.9	+20 42 26	6140				191.3	3.2		KurNik90		2
06 22 34.3	+15 19 02	1248			9.8	196.1	0.7		Fuen 206, Ste		1
06 22 47.2	+07 21 33	6141		12.8		203.1	−3.0		SoyMae93		1
06 22 58.5	+46 55 35	1242				167.5	14.9	IRAS C	Lit 30		1
06 23 00.7	+04 15 44	6142		11.9		205.9	−4.4		SoyMae93		1
06 23 10.8	+02 45 33	1253		12.5	10.1	207.2	−5.0		C 595,SoyMae93,MacCon 1,CCCS 502		1
06 23 13.9	+12 09 15	1250		12.5		198.9	−0.6		Ste65, SoyMae93, CCCS 500		1
06 23 18.4	−07 27 05	1256	12.4	9.5		216.4	−9.6	N(San);C4,4(Yam)	-7:1402, V720 Mon, MSB 20, Ste(N)	R	0
06 23 23.6	+09 29 59	1252		13.7	9.8J	201.3	−1.8		Lit 31, Epc90-19,SoyMae93		1
06 23 39.1	−27 03 57	1263	10.5	8.6	6.1	234.9	−17.7	N(San);C4,4(Yam)	-26:2983,MSB 22,IV CMA,CCCS 507	*R	0
06 23 42.4	−10 29 24	1258	14.7	13. :		219.2	−10.9		Mayun(N), Ste(R), CCCS 506	R	1
06 23 47.8	+07 01 32	1255	16.5	12.9	11.1r	203.5	−2.9	N(Alks72)	Alks72, SoyMae93, V618 Mon		1
06 23 47.8	+08 29 51	1254		12.5	9.8	202.2	−2.2		C 132,SoyMae93,V617 Mon,CCCS 503	R	1
06 23 53.3	+06 27 42	6143		12.4		204.0	−3.1		SoyMae93		1
06 24 01.2	+25 01 52	1251	12.4	8.8	6.8	187.6	5.5	Ne(San)	44653(Nb), ZZ Gem, CCCS 501	*R	1
06 24 02.3	+47 42 24	1244		8.5		166.8	15.4	Ne(San)	44388(Nb), V Aur, CCCS 497	R	0
06 24 02.8	+04 38 52	6144		11.8	8.2J	205.7	−3.9		SoyMae93, Gug93		1

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06 24 08.1	+08 26 35	1257	14.7	11.0	9.2	202.3	−2.2	N(D); C5+,3(De)	D 45, V619 Mon, C 133, CCCS 505	R	1
06 24 44.0	+09 55 51	6145		11.6		201.1	−1.3		SoyMae93		1
06 25 01.6	−09 07 16	6146			5.5J	218.1	−10.0	c	Fou92, GJBSW, AFGL 933, V636 Mon		i
06 25 09.3	+11 29 24	6147		12.8		199.7	−0.5		SoyMae93		1
06 25 10.4	+03 00 14	1266		14.9		207.2	−4.5		MacCon 2, SoyMae93		1
06 25 18.3	+15 16 28	1262		12.4		196.4	1.3		Fuen 208, IRAS, Ste		1
06 25 21.0	+16 59 50	1261	15.2	11.8	11.9	194.9	2.1		Fuen 207,Epc90-20,Ste,AFGL 5192	**+	2
06 25 26.2	+02 26 51	6148		11.7		207.8	−4.7		SoyMae93		1
06 25 27.3	−09 32 05	6149		16.6	14.5	218.6	−10.1		CK77,V713 Mon,GGHCG,LeB92,Fou92	R	1
06 25 28.2	+14 43 19	1264	9.0	6.5	5.0	196.9	1.1	N0(Sh);C6,3(Yam)	HR 2308,44984(Nb),BL Ori,CCCS 508	R	0
06 25 35.3	+16 05 26	1265			11.4	195.7	1.7		Fuen 210		1
06 25 38.9	+06 08 01	1267	15.9	13.1	11.7r	204.5	−2.9	N(Alks72)	Alks72, SoyMae93, V620 Mon		1
06 25 51.8	−00 52 39	1270		10.1	8.3	210.8	−6.1		C 596, CCCS 511, MacCon 3, Gug93		1
06 25 59.1	+20 57 19	1268	15.0	12.1	8.9	191.4	4.1	R(Har)	C 386, Har(LR), Ste, CCCS 509	R	1
06 26 14.2	+19 04 26	1269	14.8	8.2	6.8	193.1	3.3	N(San)	45087(Pec), AB Gem, CCCS 510	R	1
06 26 24.6	+05 37 21	6150		12.7		205.1	−3.0		SoyMae93		1
06 26 37.2	+09 02 16	1273		15.7:	8.3J	202.1	−1.3		Lit 33,SoyMae93,Epc90-23,AFGL 940		1
06 26 46.3	+18 26 27	1271			12.2	193.8	3.1		Fuen 211, Ste		1
06 27 05.8	−11 21 50	1277	13.2	11.2		220.4	−10.5	R(Ste)	Ste, CCCS 514		1
06 27 06.2	+22 36 07	1272	11.2	12.1:		190.1	5.1		Perr59, Ste, CCCS 512	R	1
06 27 10.4	+04 54 58	6151		12.5		205.8	−3.1		SoyMae93		1
06 27 19.1	+15 46 41	1274			10.8	196.2	1.9		Fuen 212, Ste		1
06 27 24.4	+13 02 04	6152			7.4J	198.6	0.7	c	Gug93		i
06 27 35.4	+08 07 17	1276	17.8	13.6	12.1r	203.0	−1.6		Alks72, SoyMae93		1
06 27 48.2	+19 27 56	1275		10.7	9.4	193.0	3.8	N:(Ste)	C 388, Ste, CCCS 513		1
06 27 49.0	+00 29 49	1278		13.8	10.1	209.8	−5.0		C 597, CCCS 515, MacCon 4		1
06 28 00.4	−10 57 18	1283		11.2		220.1	−10.1	N:(Ste)	Ste, CCCS 518		1
06 28 08.4	+02 28 01	1279		14.5		208.1	−4.0		MacCon 5, SoyMae93		1
06 28 12.1	−03 07 44	1282			8.3	213.1	−6.6		-3:1441, C 510, CCCS 517		3
06 28 25.5	+22 57 16	6153				189.9	5.5	N(BC)	BC 205		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
06 28 28.0	+12 46 46	6154			11.3J	199.0	0.8	c	Gug93		i
06 28 34.0	+05 38 02	6155		14.1		205.3	−2.5		SoyMae93		1
06 28 36.3	+06 39 25	6156		13.5		204.4	−2.0		SoyMae93		1
06 28 50.1	+16 49 36	1280	13.6	11.8	10.9	195.4	2.8	N:(Ste)	Ste, Fuen 213, CCCS 516		1
06 28 58.5	+09 28 09	6157			9.6J	202.0	−0.6	c	Gug93		i
06 29 04.5	+08 11 34	1284	16.6	13.4	12.0r	203.1	−1.2	N(Alks72)	Alks72, V621 Mon		1
06 29 27.7	+07 09 40	1286	13.5	11.2		204.1	−1.6	N(Ste65)	Ste65,SoyMae93,V622 Mon,CCCS 519		1
06 29 30.1	+09 49 18	6158		13.3		201.7	−0.3		SoyMae93		1
06 29 32.4	−14 02 50	1289		10.4		223.1	−11.1	N:(Ste)	Ste, CCCS 521		2
06 29 35.0	+08 47 16	1287			8.5J	202.6	−0.8		Lit 35, Epc90-25, AFGL 5196		1
06 29 41.2	+20 31 11	1285			8.0J	192.2	4.6		Lit 34, Epc90-24		1
06 29 48.9	+35 41 24	1281			8.5	178.5	11.4	N(BC)	Fuen 214, BC 206		1
06 30 14.8	−34 37 05	1296	13.0			242.8	−19.1	R(Sto)	Sto III-10, CCCS 526		1
06 30 27.1	+12 14 44	1288		12.3	10.2	199.7	1.0		C 389, SoyMae93, CCCS 520		1
06 30 53.8	+12 28 49	1290	11.8	9.4	7.7	199.5	1.2	N(San)	+12:1177,MSB 23,DH Gem, CCCS 522	R	1
06 31 00.6	−05 31 09	1293			8.9	215.5	−7.0	C9,1(De)	C 598, CCCS 524	R	3
06 31 19.2	+31 31 46	6159				182.5	9.9	c	GEAS97		i
06 31 24.2	−00 31 04	1294	13.8	11.1		211.1	−4.7		C 599, CR Mon, CCCS 525,MacCon 6		1
06 31 37.1	+09 44 50	6160		13.1		202.0	0.1		SoyMae93		1
06 31 39.7	+16 06 52	1292	12.5	9.9	8.0	196.4	3.0	N(San);C4,4(Yam)	D 50(N), C 390, HX Gem, CCCS 523	+R	0
06 32 06.6	+12 19 09	1295		14.7	13.1	199.8	1.4		Ste, SoyMae93		1
06 32 11.7	+04 32 04	6161		17:	10.4J	206.7	−2.2		SoyMae93, Gug93		1
06 32 27.0	+12 20 44	1297		14.7	13.8	199.8	1.5		Ste, SoyMae93		1
06 32 36.1	+08 59 03	1299		12.0	10.0	202.8	−0.1		C 134,SoyMae93,V587 Mon,CCCS 527		1
06 32 42.2	+43 17 13	1291				171.6	15.1		Bidun, GJBSW, AFGL 954		1
06 32 52.6	+16 29 08	1298			11.5	196.2	3.5		Fuen 216		2
06 32 57.6	+03 27 14	6162			14.0J	207.7	−2.5	c	Gug93		i
06 33 00.4	−01 41 23	1301		14.0		212.3	−4.9		MacCon 7		1
06 33 01.8	−01 09 24	1302		14.2		211.9	−4.6		MacCon 8		1
06 33 37.0	+71 24 08	6163		15.8		143.3	24.2	R(Mic97)	Mic97		2

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06 33 39.3	+02 43 30	1308		14.5		208.5	−2.7		MacCon 9, SoyMae93		1
06 33 43.2	−03 27 42	1310		13.0		214.0	−5.5		MacCon 10		1
06 33 43.4	+14 19 23	1303			10.7	198.2	2.6		Ste		1
06 33 47.8	+04 15 56	6164			8.9J	207.1	−2.0	c	Gug93		i
06 33 48.0	+09 28 12	1322	15	13.5		202.5	0.4		V493 Mon		2
06 33 54.0	+15 55 06	1304	15.8	11.8	9.8	196.8	3.4	N:(Ste)	C 391, LV Gem, Ste, CCCS 530		1
06 34 02.4	+14 54 47	1306		10.4	8.3	197.7	3.0	N:(Ste)	C 392, Ste, CCCS 532		1
06 34 05.1	+14 16 28	1307	11.7		8.9	198.3	2.7		C 393, V350 Gem, CCCS 533		3
06 34 15.0	+02 40 33	1312		15.5		208.6	−2.6		MacCon 11, SoyMae93(C:)		1
06 34 18.2	+23 23 38	1305	13.2	10.9		190.1	6.9	N(Har);C5+,3(De)	D 191, EO Gem, Har, CCCS 531	R	1
06 34 23.9	+16 04 30	1309	10.9	9.2	6.2	196.7	3.6	N(San)	+16:1194, MSB 49,CR Gem,CCCS 534	R	0
06 34 36.7	+03 53 28	6165			8.4K	207.5	−2.0	c	GBE98		i
06 34 44.6	+42 30 13	1300	11.8	8.4	6.6	172.5	15.1	N(San); C5,3(De)	46321(Na),RV Aur,CCCS 529	R	0
06 34 46.3	+17 46 38	1311		11.8	10.7	195.2	4.5	N:(Ste)	Ste, CCCS 535		1
06 34 55.9	+04 50 34	1315		14.0		206.7	−1.5		Ste65, MacCon, SoyMae93, CCCS 536		1
06 35 17.7	+23 51 32	1314		10.5		189.8	7.3	N(BC)	BC 207, Ste85		1
06 35 31.3	+30 12 46	1313			7.0J	184.1	10.1	IRAS C,c(GEAS97)	Lit 36, GEAS97		1
06 35 31.7	−00 04 43	1317		15.5		211.2	−3.6		MacCon 12		1
06 35 55.7	+08 15 27	1318	17.1	13.3	11.9r	203.8	0.3	N(Alks72)	Alks72, Ste, SoyMae93, V623 Mon		1
06 36 00.7	+06 04 57	1319		12.8		205.8	−0.6		Ste, SoyMae93, V624 Mon, CCCS 538	R	1
06 36 12.5	+08 35 26	1321	16.4	13.0	11.4r	203.6	0.6		Alks72, Ste, SoyMae93, V625 Mon		1
06 36 12.6	−05 01 21	1323		11.5		215.7	−5.7		MacCon 13		1
06 36 22.9	−01 46 21	1324		14.2		212.8	−4.2		MacCon 14		1
06 36 32.7	+09 25 40	6166			7.2J	202.9	1.0	c	Gug93, V493 Mon		i
06 36 32.8	+38 26 44	1316	8.2	6.2	3.0	176.5	13.8	N3(Sh);C5,3(K-M)	46687(Na), UU Aur, CCCS 537	R	0
06 36 37.1	+01 10 30	1325		14.2		210.2	−2.8		MacCon 15		1
06 36 39.5	−17 00 55	1331	13.8:			226.6	−10.9		Ste, CCCS 541		2
06 36 54.1	+03 25 30	6167			11.1J	208.2	−1.7		All77,V688 Mon,LB88,GJB93,Gug93	R	i
06 36 54.6	+01 12 38	1328		14.0		210.2	−2.7		Ste65, CCCS 540, MacCon		1
06 36 58.4	+27 57 15	1320	12.3	9.8		186.3	9.4		Ste85, KV Aur		1

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06 37 01.7	+11 27 33	6168		12.2		201.1	2.1		SoyMae93		1
06 37 03.5	−12 05 45	1332	14.4	9.9	7.4	222.2	−8.6	N(Ste)	Ste, HanBl,IRC -10133, CCCS 542	R	1
06 37 29.7	+05 15 11	1330	16.8	13.6	12.0r	206.7	−0.7		Alks72, MacCon 16, SoyMae93		1
06 37 52.5	+02 58 22	1333		14.5		208.7	−1.7		MacCon 17, SoyMae93		1
06 37 58.5	+22 48 06	1329		11.4		191.1	7.4	N(Ste), R-N(BC)	BC 208, Ste85		1
06 38 01.0	−00 13 18	1335		14.9		211.6	−3.1		MacCon 18		1
06 38 04.5	+31 11 44	1327				183.4	11.1	IRAS C	Lit 37		1
06 38 09.7	−12 25 36	1338		11.1		222.6	−8.5		Ste, CCCS 545		1
06 38 11.2	−04 25 24	1336		12.7	9.7	215.4	−5.0		C 600, CCCS 543, MacCon 19	R	1
06 38 12.9	−70 05 40	1380	10.7	8.0		280.6	−26.5	R0(HD)	48733, -69:406, Hen 11, CCCS 574		0
06 38 33.7	−08 55 04	1341	14.7	11.0	9.4	219.4	−6.9		C 601, Ste, CCCS 548		2
06 38 35.3	+08 59 43	6169			6.8J	203.5	1.3	c	Gug93	R	i
06 38 39.3	−00 49 36	1340		13.5		212.2	−3.2		Ste65, CCCS 547		1
06 38 50.0	−34 49 55	1351	12.6			243.7	−17.5	R(Sto)	Sto III-11, CCCS 555		1
06 38 56.6	+25 29 40	1334				188.7	8.8	N(BC)	Bidun, IRAS 06358+2532, BC 209		1
06 39 06.4	+04 47 43	6170			8.5J	207.3	−0.5	c	Gug93		i
06 39 17.8	+22 36 18	1337	12.5	9.2		191.4	7.6	N(San);C3,1(Yam)	47396(Pec), NY Gem, CCCS 544	R	0
06 39 20.1	+33 33 13	6171				181.3	12.3	c	GEAS97		i
06 39 22.3	−32 32 45	1354	13.5			241.5	−16.5	R(Sto)	Sto III-7, CCCS 557		1
06 39 22.5	+00 30 42	1343		14.3		211.1	−2.5		MacCon 20		1
06 39 26.5	−02 27 13	1345		14.2		213.8	−3.8		MacCon 21		1
06 39 27.7	+05 43 22	1342		12.8	10.8	206.5	−0.0		C 135,SoyMae93,V626 Mon,CCCS 550		1
06 39 30.2	−13 50 21	1350		12.4		224.0	−8.9	N:(Ste)	Ste, CCCS 554		1
06 39 38.2	+24 03 56	1339	12.0	10.6		190.1	8.3	R2(Van)	Van 20, Har(v. early R),CCCS 546		1
06 39 48.6	+06 14 29	6172		13.8		206.1	0.3		SoyMae93		1
06 39 50.0	+04 21 57	1347		15.2		207.7	−0.6		MacCon 23, SoyMae93		1
06 39 50.7	+05 19 52	1346	15. :	12.4	11.6r	206.9	−0.1		Ste, Alks72, CCCS 552, MacCon 22	R	1
06 39 53.6	+03 54 07	1348		14.9		208.1	−0.8		MacCon 24, SoyMae93		1
06 40 04.1	+13 54 36	1344			10.1	199.3	3.8		C 395, CCCS 551		3
06 40 18.6	−05 30 02	1353			10.8J	216.6	−5.0		Lit 38, Epc90-28		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
06 40 43.2	+18 46 22	1349	12.6	10.4		195.0	6.2	N(San)	D 54(N), CY Gem, CCCS 553	R	1
06 40 55.1	+12 34 51	1352	15.5	11.9	9.7	200.5	3.4	C5,5(De)	NassCam, EV Gem, Ste65, CCCS 556	R	1
06 41 08.0	−20 09 09	1356	13.3	9.6		230.0	−11.2	N:(Sndlk)	Sndlk, NSV 3169, CCCS 559	R	2
06 41 15.1	−22 16 42	1357	14.8	9.6	6.6	232.0	−12.1		MacCon82(em H alpha), GM CMa	R	1
06 41 34.6	−08 06 30	6173			9.3H	219.1	−5.9	c	Gug93		i
06 41 53.4	−13 11 56	1361		11.8		223.7	−8.1		Ste, CCCS 563		1
06 41 58.9	−09 57 02	1360	14.7		11.1	220.8	−6.6		Ste, CCCS 562		1
06 41 60.0	−01 11 09	6174			10.8J	212.9	−2.6	c	Gug93		i
06 42 08.6	+31 27 18	1355		8.1	6.4	183.5	12.0	N(San);C5,4(Yam)	47883(Na),VW Gem,CCCS 558	R	0
06 42 10.1	−04 09 52	1359		13.0	10.2	215.6	−4.0		C 602, MacCon 25, CCCS 561		1
06 42 23.4	+01 21 07	6175			5.5K	210.7	−1.4	c	GBE98		i
06 42 25.4	−10 21 49	1366			9.9	221.2	−6.7		C 603, CCCS 565		3
06 42 29.7	+06 11 59	1358		13.5		206.4	0.8		Ste65, SoyMae93, CCCS 560		1
06 42 34.6	−01 58 58	1363		14.9		213.7	−2.9		MacCon 26		1
06 42 44.6	−08 45 59	1368		14.2	12.8	219.8	−5.9		MacCon 29, Ste		1
06 42 46.4	−01 12 27	1365		11.8	9.7	213.0	−2.5		C136,CCCS564,MacCon28,Gug93,GT Mon		1
06 42 48.0	+00 54 48	1364		15.5		211.1	−1.5		MacCon 27		1
06 43 01.0	+02 48 01	1367		15.9		209.5	−0.6		MacCon 30, SoyMae93(C:)		1
06 43 04.2	+15 03 43	1362			13.4	198.6	5.0	N(BC)	Ste, V351 Gem, BC 210		1
06 43 07.9	−09 28 05	1372	14.7	11.0	9.7	220.5	−6.1		Ste, CCCS 567		1
06 43 08.7	+01 17 29	1369	15.5:	14.2		210.8	−1.3		Ste,CCCS 566,MacCon 31,MacCon2000		0
06 43 12.5	−08 45 30	1373	13.2	9.5	7.1	219.8	−5.8	N(San);C3,4(Yam)	MSB 50, C 604, Ste(N), V738 Mon	R	0
06 43 22.7	−01 23 40	1371		12.8		213.3	−2.4		MacCon 32		1
06 43 38.8	−02 21 46	1374		13.2		214.1	−2.8		Ste65, CCCS 569, MacCon		1
06 43 45.6	+11 40 19	1370		12.4	11.1	201.7	3.6		Ste, SoyMae93		1
06 43 49.3	−05 32 11	1375		11.8	9.6	217.0	−4.2		C 137, C 605, CCCS 570, MacCon	**R	1
06 44 02.0	−72 39 37	1425				283.5	−26.3	R(May51)	May51, CCCS 594	R	2
06 44 11.9	−04 11 12	6176			9.6J	215.8	−3.5	c	Gug93		i
06 44 18.2	+01 54 59	1376		13.2		210.4	−0.7		Ste, CCCS 571, MacCon		1
06 44 40.3	+01 05 40	1379		16.5		211.2	−1.0		MacCon 34		1

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06 44 41.1	+03 19 00	1378	12.5	10.0	6.8	209.2	0.0	N5(Sh);C4,5(Yam)	48664(Pec), CZ Mon, CCCS 573	R	1
06 44 50.4	+00 50 21	1381		13.8	5.5K	211.4	−1.1		MacCon 35, GBE98		1
06 44 57.1	+09 50 48	1377	16.6	12.3	10.1	203.4	3.0		C 396,SoyMae93,V503 Mon,CCCS 572	+	1
06 45 00.6	−00 57 05	1382		14.0		213.0	−1.9		MacCon 36		1
06 45 01.3	−29 30 21	1390	13.8			239.1	−14.3	R(Sto)	Sto III-3, CCCS 578		1
06 45 08.1	−17 19 19	1388		11.5		227.8	−9.2	R:(Sndlk)	Sndlk, CCCS 576		1
06 45 18.2	+02 07 34	1384		14.2		210.3	−0.4		MacCon 37, SoyMae93		1
06 45 30.4	+09 40 36	1383	12.0	11.0	8.1	203.6	3.1	N(D); C5,4(De)	D 57, C 397, NSV 3195, CCCS 575	R	1
06 45 41.2	−00 25 52	1386		13.8		212.7	−1.5		MacCon 38		1
06 45 59.4	+14 55 15	1385			12.4	199.0	5.6		Ste		1
06 46 15.5	−12 52 53	1392	13.0	9.2	7.4	223.9	−7.0	N(San);C4,3(Yam)	MSB 51,C 606,Ste,GO CMa,CCCS 579	R	0
06 46 33.3	+07 45 06	6177		12.9		205.5	2.4		SoyMae93		1
06 46 33.6	+19 59 01	1387		11.7		194.5	7.9	R:(Ste), N(BC)	BC 211, Ste85		1
06 46 34.7	+18 36 53	1389	11.0		6.1J	195.7	7.3		Schai60, RT Gem, CCCS 577		2
06 46 37.1	−04 10 44	1393		14.3		216.1	−3.0		MacCon 39		1
06 46 38.2	−07 56 01	1394		13.2		219.5	−4.7		MacCon 40		1
06 46 52.8	+16 14 58	6178				197.9	6.3	N(BC)	BC 212		1
06 46 54.4	−06 02 20	1397		13.2	10.1	217.8	−3.8		MacCon 41, Ste		1
06 47 03.6	−07 21 50	6179			11.1J	219.0	−4.3	c	Gug93		i
06 47 03.9	+00 35 28	1395		12.0	10.3	211.9	−0.7		C 138, CCCS 580, MacCon 42		1
06 47 16.2	+00 13 39	1400	13.6			212.3	−0.8	N(D); C5,4(De)	D 59, C139, DE Mon, CCCS 583	R	1
06 47 19.2	+15 06 11	1391			11.4	199.0	5.9		Ste, BC 213		1
06 47 22.9	+07 12 34	1398		11.2	9.2	206.1	2.4		C 398, SoyMae93, CCCS 582	R	1
06 47 35.6	−10 07 43	1405	13.2	10.4	8.3	221.5	−5.4	N(Ste)	C 607, Ste, MacCon, CCCS 585		1
06 47 36.0	+00 40 56	1401	12.7	9.0	7.0	211.9	−0.5	N(San)	49247(Pec), DF Mon, CCCS 584	**R	1
06 47 39.7	−02 57 22	1403		14.3	10.7	215.1	−2.2		MacCon 45, Ste		1
06 47 46.9	+16 36 34	6180			8.9J	197.7	6.7	c	Gug93		i
06 47 47.8	+17 06 30	1396	12.2	11.0		197.2	6.9	N(D); C7,3e(De)	D 58, FF Gem, CCCS 581		3
06 47 50.2	+02 53 17	1402		15.2		210.0	0.5		MacCon 46		1
06 47 59.8	+19 18 36	1399				195.3	7.9	N(BC)	Bidun, BC 214, IRAS, NSV 3212		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
06 48 12.6	−00 57 38	1406		14.2	11.4	213.4	−1.2		MacCon 47, Ste		1
06 48 15.6	+08 02 39	1404		11.9	10.7	205.4	3.0		Ste, SoyMae93		1
06 48 16.0	−11 41 11	1412		13.5		223.0	−6.0		MacCon 49		1
06 48 17.7	−08 57 20	1409		14.2	11.1	220.6	−4.8		MacCon 48, Ste		1
06 48 23.9	+37 29 37	6181			12.2r	178.4	15.6		AbrGig89b		3
06 48 26.9	−11 28 30	1413	13.4	11.5	9.4	222.8	−5.9	R(Ste)	C 608, Ste, MacCon, CCCS 587		1
06 48 39.6	+05 10 07	1407		13.8		208.0	1.7		Ste, CCCS 586, MacCon 50		1
06 48 42.5	+02 02 19	1410		13.2		210.8	0.3		MacCon 51		1
06 48 43.8	−21 21 45	1416		9.3:		231.9	−10.1	C6,3(De)	Sndlk, BidMac, CCCS 590		1
06 48 48.8	+03 24 32	1411		13.8		209.6	1.0		MacCon 52, SoyMae93		1
06 48 52.9	+07 40 10	1408		14.5	12.8	205.8	2.9		Ste, SoyMae93		1
06 48 57.9	−05 40 48	1414		13.5		217.7	−3.1		MacCon 53		1
06 49 23.6	+04 04 25	1415	15.1	12.5		209.1	1.4		C 399, DH Mon, CCCS 588, MacCon	R	1
06 49 44.8	+02 58 09	1417		13.8	9.2	210.1	1.0		C 400, HanBl, CCCS 589, MacCon	R	1
06 49 52.3	−05 00 48	1419		14.0	10.7	217.2	−2.6		MacCon 56, Ste		1
06 50 11.9	−04 07 21	1421		16.2	13.4	216.5	−2.2		MacCon 58, Ste		1
06 50 17.5	+04 54 40	1420		13.8		208.4	2.0		MacCon 57, SoyMae93		1
06 50 22.1	−02 53 56	1423		13.1	9.4	215.4	−1.6		Ste65, CCCS 592, MacCon		1
06 50 23.6	+13 32 19	1418			11.4	200.7	5.9		Ste		1
06 50 25.7	−10 37 19	6182			8.3J	222.3	−5.0	c	Gug93		i
06 50 39.3	+00 27 53	1424		13.8		212.4	0.0		MacCon 59		1
06 50 49.1	−41 53 48	1446	12.2	9.0		251.5	−17.8	R(Sto)	-41:2615, Sto III-15, CCCS 603	R	1
06 50 51.1	−04 34 21	1427		14.8	10.4	216.9	−2.2		MacCon 60, Ste		1
06 50 57.3	−03 35 56	1428		14.0	12.1	216.1	−1.7		MacCon 61, Ste		1
06 51 02.3	+16 05 23	1422	11.5	11.0	10.1	198.5	7.2	R(D)	D 61, IT Gem, CCCS 591, Ste		1
06 51 06.5	−03 53 44	1432		15.2	12.8	216.4	−1.8		MacCon 63, Ste		1
06 51 12.2	−08 30 22	6183			10.6J	220.5	−3.9	c	Gug93, SZ Mon		i
06 51 13.0	−10 08 41	1434		13.8		222.0	−4.7		MacCon 65		1
06 51 13.1	+02 22 05	1429		12.5	9.3	210.8	1.0		C 402,MacCon 62,SoyMae93,CCCS 596		1
06 51 18.3	−17 39 11	1438		12.1		228.7	−8.0	N:(Sndlk)	Sndlk, CCCS 599		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
06 51 22.7	−16 15 01	1439		10.0		227.5	−7.3		MacCon82, NSV 3242		1
06 51 25.1	+05 47 33	1430			9.5J	207.8	2.6		Lit 39, Epc90-29		1
06 51 25.5	+08 33 48	1426		12.0	10.1	205.3	3.9		C 401, SoyMae93,CCCS 593		1
06 51 26.0	−05 15 30	1435		14.5	11.2	217.6	−2.4		C 141, MacCon 66, CCCS 597, Ste		1
06 51 27.3	+05 13 26	1431	11.2	10.4	5.2J	208.3	2.4	N?(D); C6,2e(De)	D 62, C 403, CG Mon, CCCS 595	R	1
06 51 53.4	−12 22 43	1442		11.8	9.4	224.0	−5.5		C 609, Ste, CCCS 600		1
06 51 55.6	+05 11 09	1436	15.2	12.2	7.1J	208.4	2.5		C 404,DL Mon,CCCS 598,MacCon,Gug93	R	1
06 51 57.2	−14 52 02	1443		12.6		226.3	−6.6	Ce(MacCon)	Ste, CCCS 601		1
06 51 59.5	+00 07 25	1437		13.2		212.9	0.2		MacCon 68		1
06 51 59.7	−02 01 47	1440		13.8	11.7	214.8	−0.8		MacCon 69, Ste	R	1
06 52 08.1	+07 14 54	6184			10.8J	206.6	3.5	c	Gug93		i
06 52 17.4	+05 12 31	1441		15.2		208.4	2.6		MacCon 70, SoyMae93		1
06 52 19.8	−08 40 19	1445		14.8		220.8	−3.7		MacCon 71		1
06 52 21.0	−07 08 55	1444		9.8	6.8	219.4	−3.1	N(San);C4,5(Yam)	C 142, W Mon, MacCon, CCCS 602	R	1
06 52 35.7	+26 33 36	1433		12.5		189.1	12.0	Np(Ste)	Ste	R	1
06 52 46.0	−12 09 54	1450		10.5	8.9	223.9	−5.2	N(Ste)	C610,GP CMa,Ste,Epc90-30,CCCS 606	R	1
06 52 59.2	−08 56 31	6185			11.0J	221.1	−3.7	c	Gug93		i
06 52 59.6	+09 16 37	6186		13.7		204.8	4.6		SoyMae93		1
06 53 01.8	−31 46 52	1460	12.7	9.0		241.9	−13.6	R(Sto)	-31:3760, Sto III-6, KY CMA	R	1
06 53 05.2	−09 49 19	1455		13.2	10.7	221.9	−4.1		MacCon 74, Ste		1
06 53 11.3	−04 34 34	1453	13.4	8.1	6.0	217.2	−1.7	N(San);C6,3(Yam)	50436(Nb), GY Mon, CCCS 609	R	0
06 53 13.6	+04 18 05	1448	12.9	11.8	10.4	209.3	2.4		Ste65,CCCS 605,MacCon 72,SoyMae93	R	1
06 53 15.8	−04 39 51	1454			12.4	217.3	−1.7		Ste		1
06 53 21.1	+05 41 40	1449		13.2		208.1	3.0		MacCon 73, SoyMae93		1
06 53 24.2	+09 53 41	1447		11. :		204.3	4.9	N?(D)	D 63, CCCS 604		3
06 53 31.0	+01 27 45	1456		12.8	9.5	211.9	1.1		C 407, CCCS 610, MacCon 75, Ste		1
06 53 32.5	+07 10 36	1451	12.7	11.7	9.2	206.8	3.7	N(Ste65)	C 406, Ste65, SOYmae93, CCCS 607		1
06 53 40.9	+09 20 38	1452			9.9	204.9	4.7		C 405, CCCS 608		3
06 53 53.5	+11 56 26	6187		12.8		202.5	6.0		SoyMae93		1
06 53 56.8	+09 21 09	1457		11.7		204.9	4.8		Ste, SoyMae93		1

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06 54 00.0	+09 00 04	1458	13.5	10.9	9.0	205.2	4.7		C 408,IT Mon,CCCS 611,Ste,SoyMae93	R	1
06 54 04.2	−04 19 35	6188			6.7K	217.1	−1.4	c	GBE98		i
06 54 15.7	−00 18 08	1459		13.3		213.5	0.5		MacCon 76		1
06 54 16.6	+00 27 34	6189			14.J	212.8	0.8	c	Gug93		i
06 54 26.7	−42 21' 56	1478	9.4	6.0	2.4J	252.2	−17.4	N(San);C7,2(War)	51208(Na), NP Pup, CCCS 623	R	0
06 54 27.6	−09 42 48	1462			11.4	221.9	−3.7		Ste		1
06 54 51.0	−09 16 30	1463		14.3	11.1	221.6	−3.5		MacCon 77, Ste		1
06 54 51.5	−23 18 39	1472	13.9	11.2		234.3	−9.7	R(Ste)	Ste, CCCS 619		1
06 54 53.4	+10 50 38	1461	16.5	12.3	12.1	203.6	5.7		Ste65,SoyMae93,V564 Mon,CCCS 613	*R	1
06 54 54.7	−08 01 17	1464	12.1	10.1	8.3	220.5	−2.9	N:(Ste)	C 143, EM Mon, Ste, CCCS 614	R	1
06 55 18.5	−10 23 49	1469		13.5		222.6	−3.9		MacCon 78		1
06 55 29.7	−02 02 47	1467		15.2	11.4	215.2	−0.0		MacCon 79, Ste		1
06 55 36.6	+06 22 43	1465	11.0	10.1	7.0	207.7	3.8	Ne(San)	MSB 26, CL Mon, D 65(N),CCCS 615	R	1
06 55 40.2	−02 20 16	1471		13.2	10.1	215.5	−0.1		Ste65, CCCS 618, MacCon		1
06 55 43.8	+00 02 48	1470		14.5	6.9J	213.4	1.0		MacCon 80, Gug93		1
06 55 50.4	−26 27 30	1483	12.7	11.8		237.2	−10.8	R(May51)	May51, Sndlk, BidMac, CCCS 628		1
06 55 57.0	+08 57 27	1468		11.2	9.6	205.4	5.1		C 733, SoyMae93, CCCS 617		1
06 56 11.4	−02 00 40	1475		14.5		215.3	0.1		MacCon 81		1
06 56 21.8	+10 57 29	1473	12.2	10.0	8.4	203.7	6.1	N(D); C6-,4(De)	D 66,IV Mon,C 734,CCCS 620	R	1
06 56 22.8	+07 04 40	1474		9.2		207.2	4.3	N(San);C5,2(Yam)	MSB 27, BG Mon,D 67(N), CCCS 621	R	0
06 56 26.2	+03 44 10	1476		11.1	9.5	210.2	2.8		C 410, C 411, CCCS 622, MacCon	**R	1
06 56 28.3	−10 40 03	1481	14.7	12.7	9.7	223.0	−3.7		C 611, Ste, MacCon 84, CCCS 627		1
06 56 29.5	−10 43 23	1482		13.6		223.1	−3.8		MacCon 85		1
06 56 32.8	+04 30 55	1477		14.0		209.5	3.2		MacCon 83, SoyMae93		1
06 56 51.8	−10 10 47	1485	13.1	11.2	10.0	222.6	−3.4	R(Ste)	C 144, Ste, MacCon, CCCS 629		1
06 57 03.9	+06 19 01	1480	12.9	10.2		207.9	4.1	N(San);C5,5(Yam)	+6:1451, MSB 28, CO Mon,CCCS 625	*R	1
06 57 07.7	+05 28 50	1484		11.3	9.2	208.7	3.8		C 413,MacCon 86,SoyMae93,CCCS 626		1
06 57 17.4	+41 07 04	1466	9.6	9.7		175.5	18.5	R6p(San)	50949(Nb), UW Aur, CCCS 616	R	0
06 57 24.2	−27 48 03	1490	14.1	11.5		238.6	−11.1	N(Sndlk)	Wray 4, Sndlk, CCCS 633		1
06 57 25.7	+20 22 08	1479		11.0		195.3	10.4	N?(D)	D 68, CCCS 624		3

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06 57 35.4	−01 27 26	1486	14.9	11.1	9.2	214.9	0.7	N(Ste)	C 414, Ste, CCCS 631, MacCon 87		1
06 58 00.8	−16 07 51	1492		14.5		228.1	−5.9		MacCon 88		1
06 58 21.5	+06 10 02	1489	10.3	7.3	5.1	208.2	4.3	N(San);C4,4(Yam)	51620(Nb), RV Mon, CCCS 632	R	0
06 58 25.9	+18 04 59	1487		11.0		197.5	9.6	N?(D)	D 70, CCCS 630		3
06 58 26.6	−14 37 50	1495		14.3		226.8	−5.1		MacCon 90		1
06 58 37.2	+00 34 10	1491		14.2	13.8	213.2	1.9		MacCon 89, Ste		1
06 58 43.5	−19 09 57	6190			6.8J	230.9	−7.1		All77, GJB93		i
06 59 01.6	+28 48 53	1488		15.2		187.5	14.2	C 2,3.5(CWWV96)	Lit 40,CWWVS,CWWV96		1
06 59 04.9	+03 37 58	1494			10.4J	210.6	3.4		Lit 41, Epc90-36		1
06 59 14.0	+00 13 49	1497	14.9			213.6	1.8	R:(Ste)	Ste, CCCS 635		3
06 59 14.1	+01 38 04	1496		16.2	13.8	212.4	2.5		MacCon 91, Ste		1
06 59 30.7	−02 41 56	1499	16.3		13.1	216.3	0.6		Ste, CCCS 637		1
06 59 35.9	+20 19 36	1493		10.9		195.5	10.8	N(D); C5,4(De)	D 72, Ste(N), CCCS 634		1
06 59 37.4	+07 04 51	1498		12.0		207.5	5.0	N?(D)	D 73, Ste, SoyMae93, CCCS 636		1
06 59 47.7	−14 45 44	1502		11.5		227.0	−4.9	N(Ste)	Ste, MacCon, CCCS 639		1
07 00 01.7	+35 05 46	6191			12.0r	181.6	16.8		AbrGig89a		3
07 00 06.5	−23 35 11	1505		11.5		235.0	−8.7		Ste, CCCS 643		1
07 00 14.9	−06 52 50	1503	11.9			220.1	−1.2	R(MayCann40)	MayCann40, CCCS 642	R	2
07 00 19.9	−05 24 18	1504		13.2	10.8	218.8	−0.5		C 145, MacCon 92, CCCS 641		1
07 00 20.8	−19 35 56	1506		12.1		231.4	−6.9		Sndlk, CCCS 644		2
07 00 29.0	+05 11 50	1501	12.6	11.0		209.3	4.4	N(Ste65)	D 76(R), Ste, BidMac, CCCS 638	R	1
07 00 40.9	−22 44 22	1509		11.5		234.3	−8.2	R-N(Ste)	Ste, CCCS 647		1
07 00 56.3	−21 43 05	1512			8.0J	233.4	−7.7		Lit 42, Epc90-37		1
07 01 02.0	−03 15 09	1507		7.3	5.5	216.9	0.6	R6(San)	52432(R5), V614 Mon, CCCS 645	R	0
07 01 03.5	−25 39 55	6192			10.7J	237.0	−9.4	c	Gug93		i
07 01 04.1	−18 51 39	1513	14.3	11.3:		230.9	−6.4	R:(Sndlk)	Sndlk, NSV 3336, CCCS 650		1
07 01 08.4	+15 03 40	6193				200.5	8.9	c	VKL92, OLFHHS		i
07 01 15.2	−09 18 10	1510	14.7:	11.8:	10.8	222.3	−2.1		C 147, Ste, MacCon, CCCS 648		1
07 01 20.1	−05 31 43	1508	14.5		10.6	219.0	−0.3		C 146, EU Mon, MacCon, CCCS 646	R	1
07 01 25.1	−28 02 17	1514	13.7			239.2	−10.4	N:(Sndlk)	Sndlk, CCCS 651		1

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07 01 29.1	−09 00 30	6194			10.5J	222.1	−1.9	c	Gug93		i
07 01 37.9	−41 28 16	6195			10.0J	251.9	−15.8	c	Gug93		i
07 01 51.9	+40 00 40	6196			13.5r	176.9	18.9		AbrGig89b(C:)		3
07 01 59.3	−25 23 10	1516		11.2:		236.9	−9.1		Ste, CCCS 652		1
07 02 03.6	+08 50 27	1511		11.1	9.6	206.2	6.4		C 735, CCCS 649	R	1
07 02 07.6	−24 16 14	1517		11.5		235.9	−8.6		Ste, CCCS 653		1
07 02 22.0	−40 05 19	1527	13.8			250.6	−15.1	N:(Sto)	Sto III-14, CCCS 660		1
07 02 22.7	−14 45 50	1515		15.5		227.3	−4.3		MacCon 94		1
07 02 40.4	−02 34 58	6197			11.6J	216.5	1.3	c	Gug93		i
07 02 45.1	−24 30 45	1522		11.5		236.1	−8.6		Ste, CCCS 655		2
07 02 55.7	−05 42 02	1518		14.5	12.1	219.3	−0.1		MacCon 95, Ste		1
07 02 57.4	−08 38 01	1519		14.2	13.4	221.9	−1.4		MacCon 96, Ste		1
07 03 02.8	−07 52 36	1520		15.9		221.3	−1.0		MacCon 97		1
07 03 08.3	−44 43 50	1539	10.6			255.1	−16.8	R(Sto)	-44:3099, Sto III-18, CCCS 665	R	1
07 03 26.2	−20 19 08	1528		12.1	10.7	232.4	−6.6		Sndlk, CCCS 661, Ste		1
07 03 34.5	−23 12 55	1531	13.5	10.7:		235.1	−7.8		Ste, CCCS 662		1
07 03 43.9	−02 28 49	1523	15.6			216.5	1.6	N(Ste)	Ste, CCCS 657		3
07 03 46.2	+08 54 25	1521	12.6	10.3	9.1	206.4	6.8	N(Ste65)	C736,Ste65,SoyMae93,KL Mon,CCCS654		1
07 03 50.4	−04 55 50	1526	15.6			218.7	0.5	R:(Ste)	Ste, CCCS 659		3
07 03 52.5	−13 12 56	1530				226.1	−3.3		MacCon		1
07 04 03.0	+02 33 21	1524		12.2	8.9	212.1	4.0		C 415,MacCon 98,SoyMae93,CCCS 656		1
07 04 04.8	−16 06 26	1532	13.5:	10.7:		228.7	−4.6	N(May51)	May51, Ste, MacCon, CCCS 663	R	1
07 04 13.3	−47 50 45	1546		9.0		258.2	−17.7		Hen 15, CCCS 668		2
07 04 13.5	−18 01 28	1535		13.2:	10.4	230.4	−5.4		MacCon 100, Ste		1
07 04 15.5	−14 51 33	1534		14.2		227.6	−3.9		MacCon 99		1
07 04 23.8	−62 04 11	1564				272.6	−22.3		BidMac		3
07 04 27.9	−09 08 01	1533		14.2	12.4	222.5	−1.3		MacCon 101, Ste		1
07 04 33.9	−11 34 23	1536		14.5	13.1	224.7	−2.4		MacCon 102, Ste		1
07 04 50.0	−09 35 19	1537	14.7		10.6	223.0	−1.4		C 148, Ste, MacCon, CCCS 664		1
07 04 58.1	+25 17 37	1525		10.9		191.4	14.0	C6-,3(De)	D 195(R), Ste(N), CCCS 658		1

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07 05 05.7	−03 37 32	1538		14.3	9.5	217.7	1.4		C 416, MacCon 103, CCCS 666, Ste		1
07 05 05.8	−15 00 59	1540	19.8	16.2	11.6	227.8	−3.8		MacCon 104, GJ93, HV CMa		1
07 05 24.7	−09 44 44	1541		16.2	10.7	223.2	−1.4		MacCon 105, Ste		1
07 05 36.3	−73 00 52	1599		8.8	5.4J	284.2	−24.8		-72:378, The68, R Vol, CCCS 689	R	2
07 05 36.4	+68 11 01	1500		11.3		147.4	26.3	N(Ste)	52225(Pec),D 291(R),Ste,CCCS 640	R	1
07 05 36.5	−08 44 58	1542		14.2	11.7	222.3	−0.9		MacCon 106, Ste		1
07 05 45.9	−17 22 51	1544		12.4		230.0	−4.8	R:(Sndlk)	Sndlk, MacCon, CCCS 667		1
07 05 49.2	−05 51 45	1543		17.2	9.8J	219.8	0.5		MacCon 107, Gug93		1
07 05 51.0	−19 06 57	1545		14.5	11.4	231.6	−5.5		MacCon 10, Ste		1
07 05 52.0	+40 11 23	6198			12.2r	177.0	19.7		AbrGig89b		3
07 06 07.6	+40 11 58	1529		13.5		177.0	19.7		Ste85		1
07 06 10.4	−11 45 20	1547		10.7	9.8	225.1	−2.1		C 149, Ste, MacCon, CCCS 669		1
07 06 25.0	−09 03 04	1548		14.9	13.8	222.7	−0.8		MacCon 109, Ste, GBE98		1
07 06 29.5	−22 46 07	1550		11.2:		234.9	−7.0		Ste, MacCon, CCCS 672		1
07 06 56.5	−07 33 27	1549	12.0	7.7	4.0	221.4	−0.0	N(San);C5,5(Yam)	MSB 29, -7:1742, RY Mon,CCCS 670	R	0
07 06 56.9	−11 09 39	6199			11.7K	224.6	−1.7	c	GBE98		i
07 07 02.6	−18 33 50	1553		12.8	10.7	231.2	−5.0		MacCon 111, Ste		1
07 07 09.5	−13 47 39	1552		14.2	10.9	227.0	−2.8		C 150, MacCon 112, CCCS 673		1
07 07 12.8	−05 21 54	1551	15.6	12.2	9.5	219.5	1.0	N:(Ste)	C 417, Ste, CCCS 671, MacCon 110		1
07 07 13.0	−21 35 01	1555		14.2		234.0	−6.4		MacCon 114		1
07 07 14.6	+11 21 41	6200		15.5		204.5	8.6		SoyMae93		1
07 07 18.0	−21 56 49	1557		15.2		234.3	−6.5		MacCon 115		1
07 07 22.0	−13 41 02	1554		14.5		226.9	−2.7		MacCon 113		1
07 07 24.6	−22 12 07	1560		14.0		234.5	−6.6		MacCon 118		1
07 07 28.6	−18 14 29	1558		13.8		231.0	−4.8		MacCon 117		1
07 07 32.8	−14 24 28	1556	14.5:	13.0		227.6	−3.0		Ste, MacCon 116, CCCS 674		1
07 07 38.0	−20 11 45	1563		13.5		232.8	−5.6		MacCon 119		1
07 07 48.9	−14 47 50	1562		15.2		228.0	−3.2		MacCon 120		1
07 08 03.0	−25 40 41	1570		11.4		237.7	−8.0		MacCon79		2
07 08 03.4	−11 55 24	1565	8.7	6.4	4.5	225.4	−1.8	N(San);C6,3(Yam)	54361(Na), W CMa, CCCS 676	R	0

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
07 08 17.9	+00 41 11	1559		14.9	12.8	214.2	4.1		MacCon 121, Ste		1
07 08 25.8	−13 28 01	1567		12.3	10.3	226.8	−2.4	N:(Sndlk)	C 151, Sndlk, MacCon, CCCS 678	R	1
07 08 37.7	−19 43 37	1571		13.7		232.4	−5.2		MacCon 125		2
07 08 42.6	+10 01 26	1561		7.4	6.8	205.9	8.4	SC5/10e(KB)	54300(Pec), R CMi, CCCS 675	R	0
07 08 50.7	−16 53 26	1572	14.6	11.0		229.9	−3.9	R:(Sndlk)	Sndlk, MacCon, CCCS 680		1
07 08 52.2	+05 48 01	1566		13.2		209.7	6.5		MacCon 123, SoyMae93		1
07 08 55.7	−37 52 40	6201			8.7J	249.0	−13.1		CWWVS,Gug93		i
07 08 56.5	−00 17 24	1568	12.5	12.0	9.4	215.2	3.8		C 418, V785 Mon, MacCon(Ce)	R	1
07 09 06.4	+04 02 20	1569		11. :	10.1	211.3	5.8	N?(D); C5+,3(De)	D 79, CCCS 679, MacCon 126, Ste	R	1
07 09 07.0	−49 13 53	1589		10.5	6.7J	259.9	−17,5		MacCon82(H-Alpha em),CWWVS,Gug93		1
07 09 09.8	−14 56 08	1574		14.5		228.2	−2.9		MacCon 127		1
07 09 11.5	+06 42 20	6202			13.J	209.0	7.0	c	Gug93		i
07 09 30.3	−11 41 30	1577		14.3	11.7	225.4	−1.4		MacCon 129, Ste		1
07 09 34.4	−07 35 38	1576		14.5	12.6	221.8	0.5		MacCon 128, Ste		1
07 09 42.8	+01 53 03	1573		12.5	7.6J	213.3	4.9		Ste65, MacCon, Gug93, CCCS 681		1
07 09 45.6	−29 44 20	1581		11.4		241.6	−9.5		MacCon79		2
07 09 47.9	+00 06 37	1575		12.7	12.7	214.9	4.1		MacCon 130, Ste		1
07 10 08.8	−14 21 41	6203			8.9J	227.8	−2.5	c	Gug93		i
07 10 10.7	−21 26 54	1582		14.0		234.1	−5.7		MacCon 132		1
07 10 16.9	+08 34 25	1578		11.2		207.4	8.1		IRAS 07075+0839, Bidun, SoyMae93		1
07 10 22.6	−02 45 07	1579		13.7	13.4	217.5	3.0		MacCon 131, Ste		1
07 10 27.7	+12 06 47	6204		11.4		204.2	9.7		SoyMae93		1
07 10 30.3	−19 02 55	1584		14.8		232.0	−4.5		MacCon 133		1
07 10 35.0	−01 11 25	1580			11.3J	216.2	3.7	IRAS C;c(Epc90)	Lit 43, Epc90-41		1
07 10 36.3	−19 58 31	1586		14.1	12.1	232.9	−4.9		MacCon 134, Ste		1
07 10 47.6	−06 21 56	6205			11.1H	220.8	1.4	c	Gug93		i
07 10 50.7	−13 38 17	1585		13.8		227.3	−2.0		MacCon 135		1
07 11 00.8	+08 16 10	6206		14.0		207.7	8.1		SoyMae93		1
07 11 05.9	−01 18 14	1583		12.2	9.4	216.3	3.8		C 419, MacCon 136, CCCS 682		1
07 11 18.8	−20 09 24	1591		14.3		233.1	−4.9		MacCon 140		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
07 11 20.0	−06 11 31	1588		11.5	9.2	220.7	1.6		C 421, MacCon 137, CCCS 685		1
07 11 21.1	−05 27 06	1587	14.8	13.3	10.7	220.1	1.9	R:(Ste)	Ste, FK Mon, MacCon, CCCS 683	R	1
07 11 27.6	−26 05 03	1596				238.4	−7.5		MacCon 141		2
07 11 38.7	+00 09 43	1590		10.6	8.2	215.1	4.6	C5,3(De)	C 420, MacCon 139, CCCS 684, Ste		1
07 11 51.5	−22 23 36	1600		13.3		235.2	−5.8		MacCon 142		1
07 12 04.0	−20 17 28	1601		17.0	11.1	233.3	−4.8		MacCon 145, HX CMa, Ste	R	1
07 12 07.1	−00 11 59	1592				215.5	4.5		BidMac		3
07 12 07.5	−10 16 34	1597			8.8J	224.4	−0.1		MacCon 143, Gug93		1
07 12 10.5	−09 16 14	1598		13.3	12.4	223.5	0.3		MacCon 144, Ste		1
07 12 12.3	+00 47 54	1593		11.6		214.6	5.0	R2(San)	Cann26(R0), CCCS 686	R	2
07 12 16.8	+01 53 47	1594		12.5		213.6	5.5		Ste65, CCCS 687, MacCon		1
07 12 17.3	−21 23 32	1603		14.3		234.3	−5.2		MacCon 147		1
07 12 27.1	−11 06 21	1602		15.5	12.1	225.2	−0.5		MacCon 146, Ste		1
07 12 32.4	−02 47 41	6207			9.9J	217.8	3.4	c	Gug93		i
07 12 35.7	−15 00 01	1604		14.9		228.7	−2.2		MacCon 148		1
07 12 41.1	−18 54 23	1606		16.2		232.1	−4.0		MacCon 149		1
07 12 49.0	+14 36 04	1595	10.8	9.0	7.8	202.2	11.3	Nep(San)	55284(Rp), VX Gem, CCCS 688	R	0
07 12 52.8	−14 02 40	1605		13.5		227.8	−1.7		MacCon 150		1
07 12 53.1	−17 02 23	1608			12.4	230.5	−3.1	wk C	Ste		1
07 12 54.0	−16 30 07	1607		15.3		230.0	−2.9		MacCon 151		1
07 13 28.9	−14 22 13	1610	10.0			228.2	−1.7	C5,2(Dol71a)	Dol71a, CCCS 690		3
07 13 38.4	−15 31 59	1611		12.7	9.7	229.3	−2.2		C 152, Ste, MacCon 152, CCCS 691		1
07 13 48.9	−19 41 29	1612	13.3			233.0	−4.1	N(San)	MSB 52, May51(N),BO CMa,CCCS 692	R	1
07 13 53.0	−00 31 00	6208			10.0J	216.0	4.8	c	Gug93		i
07 13 59.9	−00 23 30	1609			11.1	215.9	4.8		Ste		1
07 14 10.8	−13 03 01	1613		12.4		227.1	−1.0		Ste, MacCon, CCCS 693		2
07 14 13.1	−10 27 45	6209			9.5J	224.8	0.2	c	Gug93		i
07 14 24.6	−18 54 43	6210			13.2J	232.3	−3.6	c	Gug93		i
07 14 35.1	−17 23 19	1615	13.3	11.0	7.3	231.0	−2.9	N(San)	-17:1866, MSB 53, C 17, CCCS 694	R	0
07 14 42.4	−11 24 12	1614		15.5	12.8	225.7	−0.1		MacCon 153, Ste		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
07 14 45.2	−39 32 04	1629	13.2	9.0		251.1	−12.7	R(Sto)	Sto III-13, Wray 9, CCCS 704	R	1
07 14 46.9	−29 16 08	1620	14.0			241.7	−8.3	N(Sndlk)	Sndlk, CCCS 698		1
07 15 06.3	−24 24 46	1623		14.2		237.3	−6.0		MacCon 157		1
07 15 10.0	−21 53 47	6211			12.3J	235.1	−4.9	c	Gug93		i
07 15 15.4	−24 05 42	1625			12.0	237.1	−5.8		W 1-1, CCCS 702		2
07 15 15.4	−14 33 23	1619		15.2		228.6	−1.4		MacCon 156		1
07 15 16.3	−10 36 02	1618	14.7	11.8	10.0	225.1	0.4	N:(Ste)	C 153, Ste, MacCon 155, CCCS 697		1
07 15 21.3	−22 24 13	1626		11.5	9.8	235.6	−5.1		W 1-2, MacCon, CCCS 703		1
07 15 22.9	−17 29 08	1624		11.3	8.3	231.2	−2.8	N(San)	MSB 54, C 155, Sndlk(N),CCCS 701	R	0
07 15 29.7	−12 51 48	1621		11.5	9.5	227.1	−0.6	N(Ste)	C 154, Ste, MacCon 158, CCCS 700	R	1
07 15 38.6	+05 02 41	1616	12.6	9.5	7.1	211.2	7.7	N(San); C5,5(De)	+5:1606, MSB 30,IDS(F), BK CMi	R	0
07 15 48.5	−13 27 47	1627		14.5		227.7	−0.8		MacCon 160		1
07 15 48.5	+09 01 45	1617		10.3		207.6	9.5	N(D); C5,5(De)	D 83, SoyMae93, CCCS 696		1
07 15 55.3	−14 45 01	1628		14.3	12.8	228.8	−1.4		MacCon 161, Ste		1
07 15 56.6	−15 18 06	1630		14.9	12.4	229.3	−1.6		MacCon 162, Ste		1
07 16 10.3	+09 59 47	6212				206.7	10.0	c	OLFHHS		i
07 16 11.9	−28 30 32	1634		11.8:		241.1	−7.7	N:(Sndlk)	Sndlk, CCCS 706		1
07 16 18.9	−09 12 29	1631		14.2	11.4	224.0	1.3		MacCon 163, Ste		1
07 16 20.5	−29 17 39	1637				241.8	−8.0		Mayun, CCCS 708		3
07 16 24.9	−14 48 02	1632		15.2	12.8	228.9	−1.3	R(AGSh95)	MacCon 164, Ste		1
07 16 38.4	−14 00 56	6213			14.J:	228.2	−0.9	c	Gug93		i
07 16 41.9	−23 44 59	1639		13.5	11.5	236.9	−5.4		W 1-3, CCCS 709		2
07 16 44.8	−19 47 22	1635		14.5		233.4	−3.6		MacCon 166		1
07 16 52.7	−14 33 57	6214			5.2K	228.8	−1.1	c	GBE98		i
07 16 56.1	−16 19 44	6215			6.9K	230.3	−1.9	c	GBE98		i
07 16 56.9	−05 17 57	1633		13.0	9.5	220.6	3.2		C 422, MacCon 165, CCCS 705, Ste		1
07 17 00.1	−31 53 22	6216			11.1J	244.2	−9.0	c	Gug93		i
07 17 06.6	−21 26 39	1641		16.2		234.9	−4.2		MacCon 167		1
07 17 28.0	−11 24 31	1640		14.2	11.7	226.0	0.5		MacCon 168, Ste		1
07 17 29.7	−00 38 25	1636		11.5	10.1	216.5	5.5		Ste65, MacCon, CCCS 707		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
07 17 32.3	−00 51 53	1638			11.8J	216.7	5.4		Lit 44, Epc90-42		1
07 17 36.2	+50 10 40	6217			12.9r	167.3	24.5	N(Tot98)	Tot98		2
07 17 38.5	−29 00 49	1643	13.1	11.2:		241.7	−7.6	R(Ste)	-28:4127, Sndlk, CCCS 710	R	1
07 17 44.4	−28 14 45	1644		11.8:		241.0	−7.2		Sndlk, CCCS 711		1
07 17 46.7	−36 20 47	1650		9.6		248.4	−10.8		-36:3491, Wray(CE), CCCS 715	R	1
07 18 03.7	+12 23 19	6218		13.7		204.8	11.5		SoyMae93, GEAS 97		1
07 18 27.1	−21 04 29	1649		13.8		234.7	−3.8		MacCon 170		1
07 18 30.8	−11 11 49	1645		10.5	3.7K	226.0	0.8		-10:1976, MacCon79, MacCon, GBE98		1
07 18 34.9	−42 56 01	1657		9.0		254.5	−13.5		Hen 18, CCCS 719		2
07 18 36.8	−16 14 03	1648	15.0	11.8	9.3	230.4	−1.5		C 156, Ste, MacCon 172, CCCS 714		1
07 18 38.8	−01 16 48	1642		14.7	9.7	217.2	5.5		MacCon 169,Ste,Lit 45,Epc90-43		1
07 18 45.9	−07 47 46	1646		12.8	9.2	223.0	2.5		C 423, BidMac, CCCS 712, MacCon	R	1
07 19 04.5	−42 58 03	1660	13.2	10.3		254.6	−13.4	R(Sto)	Sto III-17, Wray 12(CE),CCCS 721	R	1
07 19 05.0	−01 48 06	1647	13.1		10.0	217.7	5.3	N(Ste65)	Ste65, MacCon, CCCS 713		1
07 19 25.8	−27 03 27	1656	14.2	12.1:		240.1	−6.4		Sndlk, CCCS 718		1
07 19 45.6	+07 15 56	1651			12.4J	209.6	9.6		Lit 46, Epc90-44		1
07 19 49.2	−02 53 09	1652			13.6	218.8	5.0		Ste		1
07 19 57.2	−08 48 26	1655		11.5	10.7	224.0	2.3		Ste, CCCS 717, Ste		1
07 20 00.8	−02 09 06	1654		13.5	10.4	218.1	5.4		MacCon 174, V787 Mon, Ste		1
07 20 07.0	−20 20 01	1659	12.6	9.6:	8.3	234.2	−3.1	N(Sndlk)	B-M 1, Sndlk, MacCon, MY CMa	R	1
07 20 10.4	−28 04 03	1663	13.6	10.0		241.1	−6.7	N(Sndlk)	Sndlk, Hen 21, CCCS 724		1
07 20 14.0	−16 53 21	1658		12.5	11.7	231.2	−1.5		MacCon 175, NSV 3540, Ste		1
07 20 30.7	−19 12 58	1662	14.3	11.2	9.7	233.3	−2.5		C 157, BV CMa,Sndlk,CCCS 723,Ste	R	1
07 20 32.2	−21 05 56	1664	11.8:			234.9	−3.4		Sndlk, MacCon, CCCS 725		1
07 20 56.1	−07 33 01	1661		12.3	9.2	223.0	3.1		-7:1901, C 281, CCCS 722, MacCon	R	1
07 20 59.0	+24 59 58	1653	11.5	9.3	6.6	193.2	17.2	C5,4J(Yam)	57160(Nb), BM Gem, CCCS 716	R	0
07 21 04.3	+09 48 39	6219		12.8		207.5	11.0		SoyMae93		1
07 21 04.3	−10 31 44	1665		15.2		225.7	1.7		MacCon 177		1
07 21 05.5	−18 52 34	1669		14.7	12.8	233.0	−2.2		MacCon 178, Ste		1
07 21 08.1	−22 06 45	1670		15.4	9.1J	235.9	−3.7		MacCon 180, Gug93		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
07 21 13.9	−14 45 09	1668	11.0		6.3J	229.4	−0.3	R0(Ste)	-14:1854p, Ste, CCCS 727	R	1
07 21 19.3	−23 53 51	1671		11.8	9.0	237.5	−4.5		Sndlk, W 1-5, CCCS 728	R	1
07 21 19.7	−27 28 10	1674		11.8:		240.7	−6.2		Sndlk, CCCS 731		1
07 21 20.3	−08 10 48	1667		12.8	9.2	223.6	2.9		C 424, Ste, MacCon 179, CCCS 726		1
07 21 27.1	−03 55 14	1666			12.9	219.9	4.9		Ste		1
07 21 32.4	+06 47 33	6220		12.5		210.3	9.8		SoyMae93		1
07 21 35.4	−20 27 35	1673	13.5	10.4	9.1	234.5	−2.9	N:(Sndlk)	B-M 2, Sndlk, MacCon, CCCS 730	R	1
07 21 36.7	−28 57 39	1677	13.6	11.0		242.1	−6.8	N(Sndlk)	Wray 13, Sndlk, Hen 19, CCCS 734		1
07 21 43.3	−15 35 28	1672		15.5	9.5	230.2	−0.6		C 158, MacCon 181, CCCS 729, Ste		1
07 21 44.1	+69 40 15	1622	9.0	7.9		145.9	27.9	K0-R0(HD)	56167, +69:417, RU Cam, CCCS 699	WPB,R	0
07 22 07.6	−22 06 19	1679		15.0	11.5	236.0	−3.5		W 1-4, CCCS 736	R	2
07 22 08.1	−19 24 41	1678	14.3	11.8	10.0	233.6	−2.3	N:(Sndlk)	B-M 3, Sndlk,MacCon,CCCS 735,Ste		1
07 22 16.2	−32 18 43	6221			8.7J	245.1	−8.2	c	Fou92		i
07 22 17.9	−07 22 47	1675	11.7			223.0	3.4	R0(Ste)	-7:1916p, Ste, CCCS 732		1
07 22 18.2	−09 55 60	1676		11.5:		225.3	2.2	N:(Ste)	Ste, MacCon, CCCS 733		1
07 22 19.9	−19 20 26	1680		14.3		233.6	−2.2		MacCon 182		1
07 22 23.4	+08 07 08	6222		11.8		209.1	10.5		SoyMae93		1
07 22 28.6	−18 57 37	1683		14.5	11.7	233.3	−2.0		MacCon 183, Ste		1
07 22 41.9	−14 09 29	1684	12.0			229.1	0.3	C3,3(Dol71a)	Dol71a, CCCS 740		3
07 22 42.9	−26 33 49	1689		12.0	9.5	240.0	−5.5		W 2-1, CCCS 743		2
07 22 45.0	−12 54 27	1685		9.1	5.3J	228.0	0.9		MacCon 184, Gug93		1
07 22 47.0	−08 48 51	1681		11.8:		224.4	2.9		Ste, CCCS 737		1
07 22 47.0	−10 38 37	1682		11.5:	9.5	226.0	2.0	R:(Ste)	C 425, Ste, MacCon, CCCS 738	R	1
07 22 59.8	−18 13 04	1688		15.0		232.7	−1.5		MacCon 186		1
07 23 07.0	−04 12 49	1686		9.3	8.9	220.3	5.1	R8(Van)	57884(N), D 84(R), V758 Mon, Ste	R	0
07 23 08.3	−14 16 15	1687		10.9	10.1	229.2	0.4	N(Ste)	Ste, MacCon 187, CCCS 742		1
07 23 11.1	−21 27 14	1691		13.5	10.1	235.6	−3.0		B-M 5, MacCon 189, CCCS 745		1
07 23 17.5	−21 05 02	1693		14.0	10.3	235.2	−2.8		B-M 4, MacCon 190, CCCS 744		1
07 23 20.9	−12 50 06	1690		14.3		228.0	1.1		MacCon 188		1
07 23 27.6	−16 57 06	1692		16.5		231.6	−0.8		MacCon 191		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
07 23 38.6	−22 58 11	1695	11.0	7.0	6.0	236.9	−3.6	N(San)	58195(Nb), BE CMa, CCCS 747	R	0
07 23 50.0	−15 33 13	1694		12.4	11.7	230.4	−0.1		Ste, MacCon, CCCS 746		1
07 24 03.2	−12 52 27	1696		17.1	14.0	228.1	1.2		MacCon 192,Lit 47	R	1
07 24 07.4	−23 30 45	1699		17.3	13.0	237.5	−3.8		MacCon 193, Lit48,Epc90-46,GJ93		1
07 24 30.5	−22 10 01	1705		14.0	11.5	236.3	−3.1		W 1-7, MacCon, CCCS 752		1
07 24 33.3	−00 56 42	1697		10.3	10.1:	217.6	6.9		Ste65, MacCon, CCCS 748		1
07 24 34.2	−13 08 38	1700		14.9		228.4	1.2		MacCon 194		1
07 24 35.1	−15 59 51	1701		17.2	13.4	230.9	−0.1		MacCon 195, Ste, Gug93		1
07 24 39.0	−04 37 52	1698		13.5	11.3	220.9	5.2		Ste65, MacCon, CCCS 749	R	1
07 24 39.8	−21 33 51	1706		11.0:	9.2	235.8	−2.8	N:(Sndlk)	B-M 7, Sndlk, MacCon, CCCS 754		1
07 25 03.0	−25 07 20	1707		13.5	11.5	239.0	−4.3		W 2-2, CCCS 755		2
07 25 12.7	−05 43 58	6223			8.2J	221.9	4.8	c	Gug93		i
07 25 13.1	−03 08 03	1704			8.7	219.6	6.1	N(San);C6,3(Yam)	58385(Nb), D 87(R), V760 Mon, Ste	R	0
07 25 22.2	−34 49 57	1712	14.1			247.7	−8.8	N:(Ste)	Ste, CCCS 760		1
07 25 30.5	+07 46 03	6224		13.5		209.8	11.1		SoyMae93		1
07 25 35.7	−16 01 35	6225			8.2J	231.0	0.1	c	Gug93		i
07 25 38.5	−29 45 20	1713	13.6			243.2	−6.4	N(Sndlk)	Sndlk, CCCS 761		1
07 25 47.8	−30 36 22	6226			13.5J	244.0	−6.8	c	Gug93		i
07 25 50.5	−27 11 51	1714		14.5	11.5	240.9	−5.2		W 2-3, CCCS 762		2
07 25 51.5	−33 48 45	6227			8.7J	246.8	−8.2		CWWVS,Gug93		i
07 25 57.5	−26 59 14	1716		10.5	8.0	240.7	−5.0		W 2-4, Sndlk, CCCS 764	R	1
07 26 01.8	+21 54 50	1702		10.0		196.6	17.1	R3(Sh)	58337(R5), +22:1679, CCCS 750	R	1
07 26 04.6	−04 02 01	1708		10.3	9.3	220.5	5.8	C5,3J(De)	Ste65, MacCon, CCCS 756	R	1
07 26 05.6	−24 09 52	1717		12.0	9.0	238.3	−3.7		W 1-8, CCCS 765		2
07 26 06.5	+21 53 28	1703		9.8		196.6	17.1	R3(Sh)	58364(R5), +22:1680, CCCS 751	R	0
07 26 11.5	−05 11 15	1709	13.1		10.0	221.5	5.3		Ste65, MacCon, CCCS 757		1
07 26 14.9	−19 45 26	1715		8.0	6.9	234.4	−1.6	N:(Sndlk)	B-M 9, Sndlk, MacCon, CCCS 763	R	1
07 26 18.5	−11 20 58	1711			9.6	227.0	2.4		C 426, CCCS 759		3
07 26 39.2	−25 50 39	1722		11.5	10.5	239.8	−4.4		W 2-5, CCCS 769		2
07 26 46.6	+02 25 55	1710		11.0		214.8	9.0		D 88(R?), Ste(N), Ste65,CCCS 758	R	1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
07 26 51.5	−17 18 37	1721		15.2	12.4	232.3	−0.3		MacCon 198, Ste		1
07 26 52.8	−27 57 43	1725	13.4	11.2:		241.7	−5.3	N(Sndlk)	Sndlk, CCCS 772		1
07 26 56.6	−11 13 42	1719		10.7:	6.6J	227.0	2.6		Ste, MacCon, Gug93, CCCS 767		1
07 26 57.6	−07 50 03	1718		12.3	9.5	224.0	4.2		C 427, MacCon 197, CCCS 766		1
07 27 04.7	−09 09 10	1720		11.8:		225.2	3.6		Ste, MacCon, CCCS 768		1
07 27 05.6	+69 34 13	6228		8.1		146.0	28.4	K-R0(LE83)	LE83		2
07 27 22.4	−08 38 54	1724		11.8:	9.5	224.7	3.9	R:(Ste)	C 428, Ste, MacCon, CCCS 771		1
07 27 33.3	−26 35 59	1728			11.8	240.6	−4.5		W 2-6, CCCS 773		2
07 27 34.3	−03 08 41	1723	12.2		9.7	219.9	6.6	N0(MayCann40)	-2:2120, MayCann40, CCCS 770,Ste	R	1
07 27 36.0	−18 24 12	1727			13.2	233.4	−0.6		Ste		1
07 27 46.7	−38 09 35	1731	14.6			250.9	−9.9	R(Sndlk)	Sndlk, CCCS 775		1
07 28 01.2	−24 00 02	1730		13.0	9.5	238.3	−3.2		W 1-9, CCCS 774		2
07 28 03.9	−20 26 59	1729		15.2	13.8	235.2	−1.5		MacCon 199, Ste		1
07 28 04.8	−02 20 57	1726			13.1	219.2	7.1		Ste		1
07 28 53.0	−22 42 57	6229			13.7J	237.3	−2.4	c	Gug93		i
07 28 53.4	−41 08 32	1734		11.0		253.7	−11.0		Wray 15, BC 40, CCCS 778		1
07 29 08.7	−05 47 36	6230			12.2H	222.4	5.7	c	Fou92,OLFHHS		i
07 29 10.3	−50 22 09	1745	13.6			262.3	−15.0	R(Sto)	Sto III-22, CCCS 788		1
07 29 12.4	−19 27 49	1732		11.5:	10.1	234.5	−0.8		B-M 10, Sndlk, HanBl, CCCS 776	R	1
07 29 51.4	−28 00 59	1736	13.8	10.5:	9.0	242.1	−4.8	N(Sndlk)	W 4-1, Sndlk, CCCS 781		1
07 29 53.2	−11 59 01	1733		11.5:	9.4	228.0	2.9		C 429, Ste, MacCon, CCCS 777		1
07 30 15.6	+07 58 14	6231		12.9		210.2	12.2		SoyMae93		1
07 30 25.9	−12 23 58	1735	14.4	11.2	9.4	228.4	2.8	N:(Ste)	C 430, Ste, MacCon, CCCS 780		1
07 30 45.2	−20 08 51	1740	14.3	11.2:	9.6	235.2	−0.8	N:(Sndlk)	B-M 11, Sndlk, MacCon, CCCS 783	R	1
07 30 54.9	−26 03 50	1747		11.5	9.5	240.5	−3.6		W 2-7, Ste, CCCS 789		1
07 30 55.0	−13 43 37	1739		12.0	10.7	229.6	2.3		MacCon 200, Ste		1
07 31 01.1	−23 42 06	1748		14.5	9.3	238.4	−2.5		MacCon 201, W 3-1, CCCS 790		1
07 31 05.1	−45 03 44	1758		11.0		257.5	−12.4		Wray 17, CCCS 797		1
07 31 06.3	−28 13 16	1752		12.0	11.7	242.4	−4.6		W 4-2, CCCS 792		2
07 31 08.1	−20 28 21	1746		15.9	13.1	235.6	−0.9		MacCon 202, Ste		1

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07 31 09.8	+04 11 39	1738	11.6			213.7	10.7	N(Ste65)	Ste65, CCCS 782	R	1
07 31 11.2	−10 13 17	1743		10.7:	9.0	226.6	4.0		C 432, Ste, MacCon, CCCS 786	R	1
07 31 13.5	−08 31 03	1742		11.2:	9.5	225.1	4.8		C 431, Ste, MacCon, CCCS 785		1
07 31 21.9	−26 31 35	1754		15.0	12.0	240.9	−3.8		W 2-8, CCCS 793		2
07 31 29.8	−02 57 47	1744	13.7			220.2	7.5	N(Ste65)	Ste65, CCCS 787		1
07 31 30.6	−18 39 06	1751		16.2	13.8	234.0	0.0		MacCon 203, Ste		1
07 31 44.2	−09 28 04	1750	13.4	10.1:		226.0	4.5	N(Ste); C6,2(De)	Ste, Mich, MacCon, CCCS 791		1
07 31 54.5	+24 30 13	1737		7.4		194.6	19.4	R9(Sh);C6,2(Yam)	59643(R8), NQ Gem, CCCS 779	R	0
07 31 58.9	−25 02 10	1757			12.2	239.7	−2.9		W 2-9, CCCS 796		2
07 32 05.7	+15 25 19	1741		11. :		203.4	15.8	N?(D)	D 89, CCCS 784		3
07 32 09.7	+05 49 55	1749		10.5	5.6J	212.3	11.7	N(Ste)	Ste85, SoyMae93, GEAS97	R	1
07 32 15.7	−03 25 54	1753			12.8	220.7	7.5		Ste		1
07 32 20.4	−23 30 28	1759		14.5		238.4	−2.1		MacCon 204		1
07 32 21.7	−64 03 31	1788	14.5			275.7	−19.9	R(Sto)	Sto III-29, CCCS 817		1
07 32 25.5	−04 21 51	1755		12.7		221.5	7.1		Ste65, CCCS 794		1
07 32 42.7	−24 39 19	1761		15.5	11.5	239.4	−2.6		W 2-10, CCCS 799, Ste		1
07 32 43.8	−18 20 17	1760		11.2:	9.7	233.9	0.5	N:(Sndlk)	B-M 12, Sndlk, MacCon, CCCS 798	R	1
07 32 49.0	−31 12 30	1766		13.0	10.3	245.2	−5.7		W 6-1, CCCS 802		2
07 32 51.1	−25 35 23	1762	14.2	10.6	9.7	240.3	−3.0	R(Ste)	B-M 20, W 2-11, Ste, CCCS 800		1
07 33 06.4	−31 25 02	1771		13.0	9.5	245.4	−5.8		W 6-2, CCCS 805		2
07 33 16.6	−21 02 53	1765		14.9	11.4	236.3	−0.7		MacCon 206, Ste		1
07 33 19.5	−20 52 17	1768		14.9	13.1	236.2	−0.6		MacCon 207, Ste		1
07 33 24.3	−19 22 35	1770	14.3	11.2:	9.5	234.9	0.1		B-M 13, Sndlk, MacCon, CCCS 804		1
07 33 36.0	−24 52 31	1773		12.2	10.0	239.7	−2.5		W 2-12, Ste, CCCS 806		2
07 33 38.4	−11 54 57	1767		11.8:		228.4	3.7	N(Ste)	Ste, MacCon, CCCS 803		1
07 33 43.0	−30 33 37	1776		13.0	10.5	244.7	−5.2		W 6-3, CCCS 810		2
07 33 52.0	−15 29 38	1772			13.3	231.5	2.1		Ste, IRAS		1
07 33 52.9	−06 25 36	1769		10.5		223.5	6.4		MacCon79, MacCon		1
07 33 54.2	−22 26 41	1774		10.0	7.8:	237.6	−1.3	N(Ste); C7,2(De)	B-M 14, Ste, MacCon, CCCS 807	R	1
07 34 03.1	−25 24 30	1777		13.5	10.5	240.2	−2.7		W 2-13, CCCS 811, Ste	R	1

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07 34 06.1	−19 46 53	1775		14.2	10.5	235.3	0.0		B-M 15, MacCon, CCCS 809, Ste		1
07 34 26.6	−16 03 32	1778		14.2	11.2	232.1	1.9		MacCon 209, Ste		1
07 34 55.4	−22 37 03	1780		14.5	10.0	237.9	−1.2		W 3-5	R	2
07 34 56.1	−22 50 04	1782		12.6	8.5	238.1	−1.3		W 3-4, Ste, MacCon, CCCS 812	**	2
07 34 57.4	−21 37 17	1781		14.7	12.6	237.0	−0.7		MacCon 210, Ste, CCCS 801		1
07 34 57.6	−21 37 18	1764		13.5	9.5	237.0	−0.7		W 3-2,MacCon 205,MacCon2000		0
07 34 57.8	−25 07 56	1783			13.8	240.1	−2.4		Ste		1
07 35 13.5	−28 56 57	1786		10.5	7.5	243.5	−4.2		-28:4564, W 4-3, Sndlk, CCCS 816	R	1
07 35 21.5	+51 32 26	1756		10.0		166.5	27.5	N(Bidun)	+51:1329, D 293(R), BD Lyn	R	1
07 35 25.1	−15 06 31	1784	13.8	11.0	8.9	231.4	2.6	R-N(Ste)	C 433, BF Pup, Ste, CCCS 814	R	1
07 35 36.2	−17 47 37	1785		11.8	7.0K	233.7	1.3		MacCon 211, GBE98		1
07 35 36.6	−28 04 33	6232			11.1J	242.7	−3.7	c	Gug93		i
07 35 38.2	−30 14 35	1791		12.5	9.1	244.6	−4.7		W 6-4, CCCS 820		2
07 35 46.8	+09 35 59	1779		10.0		209.3	14.2	N(Ste)	Ste		1
07 35 53.7	−32 01 15	1794		13.8		246.2	−5.5		MacCon 212		1
07 35 55.9	−23 36 16	1790	11.5	9.1	6.9	238.9	−1.4	R(Ste);C4+,3(De)	60952(Nb), -23:5759, CCCS 819	R	1
07 35 56.6	−30 07 07	1793		14.0	11.5	244.6	−4.6		W6-5, CCCS 821		2
07 36 02.9	−10 12 53	6233			9.6J	227.1	5.1	3.1(GJB93), c	Fou92,Gro93,GJG94		i
07 36 05.0	−45 08 20	1800		11.0		258.0	−11.6		Wray 19, CCCS 827		1
07 36 17.5	−09 18 57	1789	13.6			226.4	5.6	R(Ste)	Ste, CCCS 818		1
07 36 22.5	−31 16 24	1797	13.9	11.2	8.6	245.6	−5.1	R(Ste)	W 6-6, Ste, CCCS 824		1
07 36 22.6	−19 38 38	1792		15.0	11.0	235.4	0.6		W 7-1, MacCon, CCCS 822, Ste		1
07 36 31.7	+02 04 13	1787		9.0	6.8	216.3	11.0	N(San)	60826(Na), BE CMi, CCCS 815	R	0
07 36 32.4	−22 02 13	1795		14.7	11.7	237.6	−0.6		MacCon 213, Ste		1
07 36 33.0	−24 02 05	1796		15.0	10.5	239.3	−1.5		W 3-6, CCCS 823		2
07 36 38.9	−29 19 36	1799		12.5	9.2	243.9	−4.1		W 6-7, CCCS 826		2
07 37 02.0	−19 32 53	1798		12.2	9.0	235.4	0.8		W 7-2, Sndlk,MacCon,CCCS 825,Ste		1
07 37 02.8	−31 07 34	1803		16.0	11.5	245.6	−4.9		W 6-8, CCCS 830		2
07 37 07.4	−28 48 04	1801		11.0	10.0	243.5	−3.7		W 4-4, Gug 93, CCCS 828		2
07 37 16.9	−25 51 10	1802		12.3	10.2	241.0	−2.3		W 5-2, W 8-1, CCCS 829, Ste	*	1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
07 37 27.2	−35 56 10	1807			9.6J	249.8	−7.1		Lit 49, Epc90-49		1
07 37 36.9	−30 05 32	1806		12.5	9.4	244.7	−4.3		W 6-9, CCCS 834		2
07 37 39.1	−20 58 20	1804		11.0	8.7:	236.7	0.2		B-M 16, Sndlk, MacCon, CCCS 831	R	1
07 37 41.9	−20 16 37	1805			11.8	236.1	0.5		W 7-3, MacCon, CCCS 832, Ste		1
07 37 43.7	−59 56 43	1827	12.2			271.9	−17.8	R?(Pots)	Pots 191-592, CCCS 852		3
07 38 03.9	−23 41 28	1809		11.2	9.5	239.2	−1.1		B-M 22,W 5-3,MacCon2000,CCCS 836	*R	1
07 38 08.2	−22 43 57	1808	12.2		11.4	238.3	−0.6	R(Ste)	Ste, W 3-8, CCCS 835		1
07 38 13.4	−30 17 43	1812		12.5	11.5	245.0	−4.3		W 6-10, CCCS 838		2
07 38 19.5	−27 00 12	1811	15.0	10.3	8.6	242.1	−2.6	C6,3(De)	B-M 23, W 4-5, Sndlk, CCCS 837		1
07 38 47.1	−35 24 01	1819	14.3	10.0		249.5	−6.6	N(Sndlk)	Sndlk, CSV 1103, CCCS 844	R	2
07 38 50.8	−28 40 36	1816			11.8J	243.6	−3.4		Lit 50, Epc90-50		1
07 38 58.0	−21 58 17	1814		13.0	9.3	237.8	−0.0		W 3-9, MacCon 214, CCCS 840, Ste	R	1
07 39 04.4	−40 28 40	1825		11.8:	3.8J	254.0	−9.0	N(Sndlk)	Sndlk,Epc90,Fou92,CCCS 849	R	2
07 39 10.3	−22 24 01	1817	13.1	12.0	9.5:	238.2	−0.2		B-M 17, Ste, MacCon, CCCS 841	R	1
07 39 15.1	−30 47 10	1821		12.5	10.9	245.5	−4.3		W 6-11, CCCS 845		2
07 39 18.7	−16 29 38	1815		13.2	11.0	233.0	2.7		MacCon 215, Ste		1
07 39 23.8	−35 28 41	6234				249.6	−6.6		MacCon2000		0
07 39 27.1	−02 09 01	1813	12.7	11.7	10.1	220.4	9.7	N(Ste); C5,5(De)	Ste65(N), V765 Mon Ste, CCCS 839		0
07 39 33.6	−27 42 07	1822	15.0	9.0	6.4	242.8	−2.7	N(Sndlk)	B-M 24, W 4-6, Sndlk, CCCS 846	R	1
07 39 37.5	−15 56 21	1818		11.2	9.7	232.6	3.1	N(Ste)	Ste, MacCon, CCCS 843		1
07 39 39.3	+12 02 39	1810		11.4		207.4	16.1	C 4,4(CWWV96)	Ste85, CWWV96		1
07 39 43.0	−26 01 01	1823		13.5	11.5	241.4	−1.9		W 8-2, CCCS 847, Ste		1
07 39 43.0	−15 49 42	1820				232.5	3.1		MacCon		1
07 39 55.0	−21 27 40	1824		11.5	9.5	237.4	0.4		W 7-4, MacCon, CCCS 848, Ste		1
07 40 00.8	−22 43 35	1826		10.2	8.0	238.5	−0.2	R-N(Ste)	B-M 18, Ste, MacCon, CCCS 850	R	1
07 40 13.2	−25 21 02	6235			11.6J	240.9	−1.5	c	Gug93		i
07 40 27.4	−27 30 36	1830		14.0	11.7	242.8	−2.5		W 4-7, CCCS 854		2
07 40 29.6	−20 32 40	1828		16.5	13.8	236.7	1.0		MacCon 216, Ste		1
07 40 45.8	−39 20 06	1840	14.1			253.2	−8.2	R(Sndlk)	Sndlk, CCCS 864		1
07 40 46.8	−26 13 06	6236			9.5K	241.7	−1.8	c	Gug93		i

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
07 40 50.7	−34 39 21	1838		11.5:		249.0	−5.9	N(Ste)	Ste,MacCon2000,CCCS 862		0
07 40 57.4	−26 01 34	1831			12.3	241.5	−1.6		W 8-3, CCCS 856		2
07 40 59.2	−12 07 30	1829	14.3	11.4	9.2	229.4	5.2		C 434, Ste, MacCon, CCCS 853		1
07 41 00.8	−35 50 00	6237				250.1	−6.4		MacCon2000		0
07 41 07.4	−26 24 36	1834		9.5	8.8	241.9	−1.8		B-M 25, W 8-4, CCCS 859		2
07 41 11.1	−27 37 34	1837		11.0:	9.4:	242.9	−2.4		B-M 27, W 8-6, Sndlk, CCCS 861		1
07 41 12.4	−26 24 12	1836		14.0	11.5	241.9	−1.8		W 8-5, CCCS 860		2
07 41 16.0	−21 10 42	1833	15.0	11.9	9.6	237.3	0.8		W 7-5, W 10-1, Sndlk, CCCS 858	*R	1
07 41 19.6	−25 15 53	1839		12.0	9.7:	240.9	−1.2		B-M 26, W 5-4, CCCS 863, Ste		1
07 41 26.9	−25 08 21	6238			5.8K	240.8	−1.1	c	GBE98		i
07 41 29.5	−33 45 48	6239				248.3	−5.3		MacCon2000		0
07 41 29.7	−31 57 32	1842		11.5	9.8	246.8	−4.5		W 9-1,MacCon2000,CCCS 866		0
07 41 31.0	−27 25 40	6240			9.2J	242.8	−2.2		Aar89		1
07 41 31.0	−18 21 52	1835			12.4	234.9	2.3		Ste		1
07 41 35.3	−12 18 47	1832	12.4	10.7	9:2	229.7	5.3	R(Ste)	C 435, Ste, CCCS 855, CCCS 857	R	1
07 41 42.2	−24 14 11	1841		12.5	9.8:	240.1	−0.6		B-M 28, W 5-5, MacCon, CCCS 865	R	1
07 41 46.0	−34 34 31	6241				249.1	−5.7		MacCon2000		0
07 41 52.1	−36 35 07	6242				250.8	−6.6		MacCon2000		0
07 41 57.7	−23 11 21	1843	13.5	10.1	9.3	239.2	−0.0	R0(Ste)	B-M 19, W 10-2, Ste, CCCS 867	R	1
07 42 10.7	−32 52 00	6243				247.6	−4.8		MacCon2000		0
07 42 21.2	−34 02 26	6244				248.7	−5.3		MacCon2000		0
07 42 22.2	−29 51 22	1847		12.5	9.6:	245.0	−3.3		B-M 29, W 6-12, CCCS 870		2
07 42 22.6	−27 00 60	1846	12.9	8.8	6.5	242.5	−1.9	C8,2(De)	-26:4807, B-M 30, CCCS 869	*R	1
07 42 24.1	−17 35 41	1844		14.5		234.4	2.8		MacCon 217		1
07 42 25.7	−18 09 09	1845	14.5	11.2	10.4	234.8	2.6		Sndlk, MacCon, CCCS 868, Ste		1
07 42 41.6	−44 12 05	1853	13.2	8.2:		257.7	−10.2		Sto III-19(R),Sndlk(N:),CCCS 874	R	1
07 42 53.0	−28 12 59	1849	15.0	10.2	7.8:	243.6	−2.4		B-M 31, W 4-8, Sndlk, CCCS 872		1
07 42 55.7	−20 32 38	1848	13.4	9.7	7.8	237.0	1.5		W 7-6, Sndlk,MacCon,CCCS 871,Ste		1
07 43 14.1	−20 41 15	1850		10.5	9.2	237.1	1.5		-20:2138, W 7-7, MacCon,CCCS 873	R	1
07 43 27.2	−36 46 33	6245				251.2	−6.5		MacCon2000		0

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
07 43 38.9	−18 09 16	1851			13.1	235.0	2.8		Ste		1
07 43 42.0	−33 46 52	6246				248.6	−5.0		MacCon2000		0
07 43 49.9	−35 58 03	6247				250.5	−6.0		MacCon2000(C:)		0
07 43 52.8	−17 47 05	1852		13.5	11.7	234.7	3.0		MacCon 218, Ste		1
07 43 54.9	−30 03 46	1856		12.5	9.4	245.4	−3.1		W 6-13, CCCS 877		2
07 44 05.5	−19 37 16	1854			12.2	236.3	2.2		W 7-8, MacCon, CCCS 875, Ste		1
07 44 07.7	−35 40 06	6248				250.3	−5.8		MacCon2000		0
07 44 14.4	−22 21 25	1855	13.0	9.9	8.8	238.7	0.8	R(Ste)	B-M 32, W 10-3, Ste, CCCS 876	R	1
07 44 22.7	−33 04 51	6249				248.0	−4.5		MacCon2000		0
07 44 35.9	−21 44 55	1857		16.0	11.5	238.2	1.2		W 10-4, MacCon, CCCS 878, Ste		1
07 44 44.3	−28 24 03	1859	13.9	10.7	8.6	244.0	−2.1		B-M 34, W 6-14, Sndlk, CCCS 880	R	1
07 44 53.3	−20 34 39	1858		10.5	8.6	237.2	1.9	N(Sndlk)	W 7-9, Sndlk, MacCon, CCCS 879		1
07 44 58.7	−28 59 21	1861		11.2	8.6	244.5	−2.3		W 6-15, Sndlk, CCCS 882		1
07 45 02.8	−71 19 43	1901			7.0J	283.4	−21.5		Lit 51,Fou92,Epc90-53		1
07 45 06.1	−33 01 16	6250				248.1	−4.3		MacCon2000		0
07 45 06.7	−29 27 20	1862		9.5	9.2	245.0	−2.5		W 11-1, CCCS 883		2
07 45 14.4	−22 39 48	1860	13.2	10.0	9.1	239.1	0.9	R(Ste)	B-M 33, Ste, W 10-5, CCCS 881	R	1
07 45 23.4	−29 34 10	1864		11.0	11.3	245.1	−2.5		W 11-2, CCCS 886		2
07 45 31.7	−39 45 52	1870	13.1	9.0		254.0	−7.6	N(Sndlk)	Sndlk, Hen 27, BidMac, CCCS 891		2
07 45 32.4	−19 50 40	1863	15.0	10.5	8.4	236.7	2.3		W 7-10, Sndlk, MacCon, CCCS 884	R	1
07 46 02.8	−22 14 53	1867	15.2:	10.5	8.9	238.8	1.2	N(Ste)	B-M 35, W 10-6, Ste, CCCS 889	**R	1
07 46 08.2	−21 50 38	1868			10.7	238.5	1.5		Ste		1
07 46 18.1	−10 13 04	1865		11.5		228.4	7.3		Ste, CCCS 887		1
07 46 22.8	−26 44 33	1871	11.4	10.6	9.1	242.7	−0.9	R(HD); C2,2(Yam)	63130, -26:4942,B-M 36, CCCS 892	R	1
07 46 26.5	−08 19 19	1866	13.1	11.2		226.7	8.2	C2,2(De)	Ste65, CCCS 888		1
07 46 35.8	−15 00 34	1869	12.9	10.4	9.4	232.6	5.0	N(Ste)	NassCam, GN Pup, Ste, CCCS 890	R	1
07 46 52.5	−27 19 10	1875		10.2	8.5	243.3	−1.1		B-M 37, W 8-8, Sndlk, CCCS 896		1
07 47 00.7	−20 34 49	1874	15.0	10.2	7.8	237.5	2.3		W 7-11, Sndlk, MacCon, CCCS 895	R	1
07 47 05.8	−31 39 48	1879			12.3	247.1	−3.3		W 9-2, CCCS 899		2
07 47 06.1	−09 13 44	1872				227.6	7.9		BidMac(Weak C)		3

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
07 47 06.7	−16 46 32	1873	14.6		10.7	234.2	4.2	N(Ste)	Ste, MacCon, CCCS 894	R	1
07 47 27.9	−31 38 14	1882		12.5	11.2	247.1	−3.2		W 9-3, CCCS 901		2
07 47 28.8	−18 21 37	1878		11.9	10.4	235.6	3.5		Sndlk, CCCS 898, Ste		1
07 47 37.4	−11 57 14	1877	12.6	9.3	7.4	230.1	6.7	N(San)	MSB 55, GO Pup, Ste, CCCS 897	R	1
07 47 37.9	−32 30 12	1883		9.5	9.6	247.9	−3.6		B-M 38,W 9-4,MacCon2000,CCCS 902		0
07 47 46.9	−29 53 06	1884		15.2	7.3J	245.6	−2.3		MacCon 220, Aar89		2
07 47 59.5	−14 21 53	1880		13.5	11.1	232.2	5.6		MacCon 219, Ste		1
07 48 17.7	−30 17 49	1890		10.0	7.7J	246.0	−2.4		MacCon 221,Aar89		1
07 48 22.2	−18 23 31	1885	14.6	11.2	10.7	235.8	3.7		Sndlk, CCCS 903, Ste		1
07 48 26.9	−19 03 48	1886			12.8	236.4	3.3		Ste		1
07 48 27.9	−21 52 52	1888		11.5	10.4	238.8	1.9		W 10-7, MacCon, CCCS 904, Ste		1
07 48 35.5	−18 39 05	1887			12.4	236.0	3.6		Ste		1
07 48 45.5	+05 23 35	1881	11.5	8.7		214.6	15.2	R6(San);C7,2(De)	63353(Na), W CMi, CCCS 900	R	0
07 48 46.5	−48 43 43	1904	13.0	9.6		262.2	−11.4	R(Sto)	-48:3219, Sto III-20, CCCS 915	*R	1
07 48 49.5	−36 36 04	6251				251.6	−5.4		MacCon2000		0
07 48 52.1	−32 20 38	1892		16.0	12.2	247.9	−3.3		W 9-5, CCCS 907		2
07 49 16.2	−36 40 25	6252				251.7	−5.4		MacCon2000		0
07 49 17.0	−30 40 05	1895		12.0:	10.3	246.5	−2.4		B-M 39, Sndlk, MacCon, CCCS 910		1
07 49 32.3	−27 23 28	1897		15.9	9.0J	243.7	−0.7		MacCon 222,Aar89		1
07 49 45.7	−17 15 14	1893		11.0	10.1	234.9	4.5		Sndlk, MacCon, CCCS 908, Ste	R	1
07 49 45.9	−19 36 04	1894		13.5	12.0	237.0	3.3		W 7-12, MacCon, CCCS909, Ste		1
07 49 47.2	−20 20 45	1896		15.2	13.4	237.6	3.0		MacCon 223, Ste		1
07 49 51.0	−30 20 11	1903		13.0	8.8	246.2	−2.1		W 9-6, MacCon, CCCS 914		2
07 49 55.5	−18 43 14	1898		10.7	9.7	236.2	3.8	R:(Sndlk)	Sndlk, CCCS 911, Ste		1
07 50 00.7	−21 24 56	1900		10.5	9.5	238.6	2.5		W 10-8,CCCS 905,Ste,MacCon2000	R	0
07 50 01.4	−34 05 26	1906			11.3	249.5	−4.0		W 12-1,MacCon2000,CCCS 917		0
07 50 04.1	−00 52 55	1891		9.0		220.5	12.6	R8(San)	MSB 31(N), D 93(R), V767 Mon	R	0
07 50 11.3	−13 33 33	1899	14.2	10.0		231.8	6.5	N(Ste)	-13:2253, GR Pup, Ste, CCCS 912	R	1
07 50 16.5	−23 57 29	1905		13.0	11.0	240.8	1.2		W 10-9, MacCon, CCCS 916, Ste		1
07 50 17.5	−47 52 38	1912		9.9		261.6	−10.8	N:(Sndlk)	Sndlk, Hen 30, CCCS 923	R	1

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07 50 17.8	−19 29 24	1902		11.2	10.5	236.9	3.5		Sndlk, MacCon, CCCS 913, Ste		1
07 50 34.4	−38 47 45	1910	13.7	9.0		253.6	−6.2	N(Sndlk)	-38:3714, Wray 30, Sndlk, QT Pup	R	2
07 50 37.9	−31 50 45	1909		12.0	10.0	247.6	−2.7		W 9-7, CCCS 920		2
07 50 40.1	−23 10 53	6253			8.1K	240.2	1.7	c	GBE98		i
07 50 56.0	−19 34 33	1908		11.2	10.2	237.1	3.6		Sndlk, MacCon, CCCS 919, Ste		1
07 51 13.7	−02 37 14	1907		12.7	8.0	222.2	12.0		Ste65, Vogt, HanBl, CCCS 918	R	1
07 51 30.0	−35 19 44	1914		16.0	10.6	250.7	−4.3		W 12-2,MacCon2000,CCCS 925		0
07 51 31.1	−46 15 52	1920	12.0	9.0		260.3	−9.8	N(Sndlk)	Sndlk, Hen 31, BidMac, CCCS 931		1
07 51 35.7	−34 30 47	1915			11.8	250.0	−3.9		W 12-3,MacCon2000,CCCS 926		0
07 51 36.4	−32 01 42	6254				247.9	−2.6		MacCon2000		0
07 51 42.6	−21 13 10	1911	10.5			238.6	2.9	R0(Ste)	Ste, CCCS 922	R	1
07 51 45.9	−25 40 55	1913		12.5	11.5	242.4	0.6		W 13-1, CCCS 924, Ste		1
07 51 50.7	−46 29 25	1927		10.0	6.7J	260.5	−9.8	R:(Sndlk)	Wray 31(CE), Sndlk, CCCS 936	R	2
07 52 03.8	+53 56 57	1889		11.4		164.1	30.4	N(Ste)	Ste85		1
07 52 11.0	−44 02 53	1929	12.8	10.7		258.4	−8.6	N:(Sndlk)	Wray 32, Sndlk, Hen 32, CCCS 938	R	1
07 52 11.2	−27 48 11	1918		16.0	12.0	244.3	−0.4		W 11-3, MacCon, CCCS 929		2
07 52 15.3	−30 53 08	1919		12.5	9.2	247.0	−1.9		W 14-1, MacCon, CCCS 930		2
07 52 16.1	−24 27 50	1917		10.3	7.0	241.5	1.4	N:(Ste)	W 13-2, Ste, CCCS 928		1
07 52 18.0	−17 49 21	1916		11.5	10.7	235.7	4.7		Sndlk, MacCon, CCCS 927, Ste		1
07 52 25.8	−34 20 60	1923			12.5	250.0	−3.7		W 12-4, CCCS 933		2
07 52 37.5	−38 28 15	1930		12.1:		253.6	−5.7		Sndlk, NSV 3788, CCCS 939	R	2
07 52 38.7	−32 41 50	1925		14.0	10.5	248.6	−2.8		W 9-8,MacCon2000,CCCS 935		0
07 52 39.9	−32 43 17	1928		12.4	9.6	248.6	−2.8		B-M 40, W 9-9, Ste, CCCS 937	R	1
07 52 44.1	−28 26 55	1924			12.0	244.9	−0.6		W 11-4, MacCon, CCCS 934		2
07 52 55.0	−33 25 19	6255				249.2	−3.1		MacCon2000		0
07 53 10.6	−20 21 35	1926			12.4	238.0	3.6		Ste		1
07 53 16.7	−11 29 32	1921	13.3			230.4	8.1		Ste, CCCS 932		1
07 53 18.5	−31 23 47	1932		15.2		247.5	−2.0		MacCon 224		1
07 53 24.1	−09 49 09	1922		10.0		228.9	9.0		MacCon79	R	2
07 53 34.0	−30 54 58	1935		12.7	9.2	247.1	−1.7		W 14-2, Wray 33(SE), CCCS 942	*R	2

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
07 53 35.8	−30 32 08	1936	14.3	11.0	8.9	246.8	−1.5	R(Sndlk)	B-M 41, W 14-3, Sndlk, CCCS 943	R	1
07 53 37.2	−23 14 51	1931		11.8	9.7	240.6	2.2		W 10-10, Ste, CCCS 940		2
07 53 48.2	−53 55 01	1952			9.5J	267.3	−13.2		Lit 52, Epc90-55		1
07 53 49.2	−25 25 42	6256			6.6K	242.5	1.2	c	GBE98		i
07 53 50.8	−22 53 03	1933	13.1	10.7	9.3	240.3	2.5	R(Ste)	W 10-11, Ste, CCCS 941		1
07 54 08.1	−16 47 29	1934	14.5	12.2	10.4	235.1	5.7		MacCon 225, Ste, MU Pup		1
07 54 09.3	−36 51 53	1939		16.0	10.8	252.3	−4.7		W 15-1,MacCon2000,CCCS 945		0
07 54 12.6	+72 13 40	1876		13.8		142.9	30.5		Ste85	R	1
07 54 17.1	−23 36 36	1937		12.0	9.2	241.0	2.2		W 13-3, CCCS 944		2
07 54 24.8	−34 07 57	1943		11.0	9.8	250.0	−3.2		W 12-5, CCCS 949		2
07 54 27.7	−32 20 55	1941	13.3	10.1	7.2	248.5	−2.3	N(Ste); C6,3(De)	B-M 43, Wray 34,W 14-4, CCCS 947	R	1
07 54 29.2	−43 54 27	1950		10.3		258.5	−8.2	R:(Sndlk)	-43:3714, Wray 35, CCCS 955	R	1
07 54 30.6	−31 27 37	1942			11.6	247.7	−1.8		W 14-5, MacCon, CCCS 948		2
07 54 34.8	−35 45 40	1947			10.9	251.4	−4.0		W 15-2,MacCon2000,CCCS 952		0
07 54 35.1	−29 29 21	1940	12.4	11.1:	9.5	246.0	−0.8	R(Sndlk)	B-M 42, Sndlk, BidMac, CCCS 946		1
07 54 41.2	−32 59 09	1945		13.0	10.3	249.0	−2.6		W 12-6,MacCon2000,CCCS 951		0
07 54 45.3	−36 10 12	6257				251.8	−4.2		MacCon2000		0
07 54 45.7	−36 06 22	6258				251.7	−4.2		MacCon2000		0
07 54 49.5	−10 38 50	1938		10.0		229.8	8.9		MacCon79, CSV 1172?		2
07 55 13.2	−29 39 05	1949		9.2	7.2	246.2	−0.8	C5-,3:(De)	-29:5142, B-M 44, CCCS 954	*R	1
07 55 27.7	−13 21 50	1946				232.3	7.7		-13:2214, BidMac		3
07 55 32.8	−19 14 49	1948		10.1	10.1	237.4	4.7	N:(Sndlk)	Sndlk, CCCS 953, Ste		1
07 55 33.8	−36 34 57	1955		12.0	9.1	252.2	−4.3		W 15-3,MacCon2000,CCCS 958		0
07 55 35.3	−32 17 20	1954		13.0	10.5	248.5	−2.0		W 17-1,MacCon2000,CCCS 957		0
07 55 44.1	−03 11 54	1944	12.7	10.3		223.3	12.7	N(Ste65)	Ste65, V768 Mon, CCCS 950	R	0
07 55 47.7	−29 28 18	1951		11.3	9.3	246.2	−0.6		B-M 45, W 11-5, Sndlk, CCCS 956	R	1
07 56 20.8	−49 58 55	1968	11.5	7.6		264.0	−10.9	Nb(HD)	65424, -49:3201, V406 Pup	R	0
07 56 24.3	−35 45 01	1961		16.0	11.7	251.6	−3.7		W 15-4, CCCS 960		2
07 56 27.4	−27 30 25	1956		15.2	10.3J	244.6	0.6		MacCon 226, Aar89		1
07 56 28.2	−33 06 34	1958		14.0	11.6	249.3	−2.3		W 12-7,MacCon2000,CCCS 959		0

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
07 56 31.1	−30 55 28	1959		15.5		247.5	−1.2		MacCon 227		1
07 56 34.7	−35 35 46	6259				251.5	−3.6		MacCon2000(C:)		0
07 56 42.4	−25 59 45	1957			9.7J	243.3	1.4		Lit 54, Epc90-57		1
07 56 47.0	−32 35 20	1969		13.5	11.2	248.9	−2.0		W 17-2,MacCon2000,CCCS 968		0
07 56 49.4	−39 26 22	1966		12.0	9.1	254.8	−5.5		W 19-1, CCCS 965		2
07 56 52.0	−33 04 54	1962		12.0	9.5	249.4	−2.2		W 12-8,MacCon2000,CCCS 962		0
07 56 53.9	+09 42 46	1953		13.8	8.4J	211.5	18.9		Ste85(Cr), Lit 53, Epc90-56		1
07 57 08.7	−23 38 14	6260			10.2J	241.3	2.7	c	Gug93		i
07 57 13.0	−32 02 43	1973			12.5	248.5	−1.6		W 17-3, MacCon2000, CCCS 972		0
07 57 18.0	−24 22 26	1964		11.6	9.2	242.0	2.4		W 13-4, Ste, CCCS 963		1
07 57 23.5	−39 45 57	1970		16.0	11.6	255.2	−5.6		W 19-2, CCCS 969		2
07 57 23.8	−26 18 00	1965		12.5	9.2	243.6	1.4		W 13-5, CCCS 964		2
07 57 34.0	−28 25 30	1967		10.5	8.9	245.5	0.3		B-M 46, W 16-1, Sndlk, CCCS 966	R	1
07 57 43.6	−00 41 01	1960		10. :	5.8J	221.3	14.4	Ne(San)	MSB 32, D 94(N),Ste(N), CCCS 961	R	1
07 57 51.3	−09 15 52	1963		11.4		229.0	10.2	Nr,(e)(Ste)	BidMac(Ce), Ste, CWWVS		1
07 57 51.7	−32 01 19	1980			10.2	248.6	−1.5		W 17-4,MacCon2000,CCCS 977		0
07 58 15.0	−32 43 16	1983		12.0	10.0	249.2	−1.8		W 17-5,MacCon2000,CCCS 980		0
07 58 16.0	−30 09 13	1972		15.0	10.0	247.0	−0.4		W 14-7,MacCon,MacCon2000,CCCS 971		0
07 58 16.4	−33 48 23	1985		14.0	10.5	250.1	−2.4		W 17-6,MacCon2000,CCCS 982		0
07 58 24.1	−35 04 09	1978		12.0	9.3	251.2	−3.0		W 15-5,MacCon2000,CCCS 976		0
07 58 24.2	−25 00 02	1971		11.0	9.5	242.6	2.3		W 13-6, CCCS 970		2
07 58 37.8	−26 33 44	1974		11.0	10.1	244.0	1.5		W 16-2, MacCon, CCCS 973		2
07 58 42.0	−29 03 20	1977		14.2	8.2J	246.1	0.2		MacCon 228, Aar89		1
07 59 00.4	−19 14 06	1976		11.0:		237.8	5.4		Sndlk, CCCS 975	R	1
07 59 04.5	−16 07 20	1975		11.2:		235.1	7.0		Ste, CCCS 974		2
07 59 15.2	−31 20 06	1982		10.8	8.6	248.1	−0.9	R-N(Ste)	B-M 47,W 14-8,Ste,CCCS 979	R	0
07 59 15.4	−19 28 18	1979		14.2		238.0	5.3		MacCon 229		1
07 59 21.9	−34 27 27	1986		13.5	9.5	250.8	−2.5		W 12-9,MacCon2000,CCCS 983		0
07 59 22.8	−38 37 24	1990				254.4	−4.7		BidMac		3
07 59 24.1	−41 03 15	1992			14.9	256.5	−5.9		Lit 55,Epc90-60,Fou92,GJ93		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
07 59 24.5	−34 56 39	1988		15.0	9.8	251.2	−2.7		W 15-6,MacCon2000,CCCS 984		0
07 59 29.9	−26 46 33	6261			10.5J	244.3	1.6	c	Gug93		i
07 59 33.4	−26 15 40	1984		11.4	9.0	243.8	1.8		W 16-3, Sndlk, CCCS 981		1
07 59 47.0	−36 22 38	1994		14.5	9.6	252.5	−3.4		W 15-7,MacCon2000,CCCS 987		0
07 59 59.0	−25 11 14	1989		12.5	11.5	243.0	2.5		W 13-7, CCCS 985		2
07 59 59.2	−38 13 04	1996			9.1	254.1	−4.4		W 19-3, CCCS 989		2
08 00 00.5	−33 53 11	1995	12.6	9.8	8.7	250.4	−2.1	N(Ste)	-33:4395, B-M 49, CCCS 988	R	0
08 00 03.3	−27 50 06	1991		11.0	9.7	245.2	1.1		B-M 48, W 16-4, MacCon, CCCS 986		2
08 00 05.1	−36 58 20	1997		12.0	9.1	253.0	−3.7		W 15-8,Sndlk,MacCon2000,CCCS 990		0
08 00 12.2	−04 45 29	1981	11.0	10.4		225.3	13.0	R2(Van)	Van 32, Ste65(R0), CCCS 978	*R	0
08 00 25.8	−19 42 15	1993			11.7J	238.4	5.4		Lit 56,Epc90-61,Fou92		1
08 00 31.5	−07 22 32	1987		9.6		227.6	11.7	N(Ste)	MacCon79, Ste		1
08 00 39.1	−37 23 39	2000		15.0	8.0	253.4	−3.8		W 15-9, CCCS 993		2
08 00 41.0	−27 25 26	1998	14.1	10.6	9.0	245.0	1.4		W 16-5, Sndlk, MacCon, CCCS 991		1
08 00 53.2	−42 23 05	6262				257.7	−6.4		MacCon2000		0
08 00 54.9	−24 26 33	1999		13.5	11.0	242.5	3.0		W 13-8, CCCS 992		2
08 00 55.9	−35 33 32	6263				251.9	−2.8		MacCon2000(C:)		0
08 01 05.3	−38 17 07	2006		16.0	10.6	254.3	−4.2		W 19-4, CCCS 998		2
08 01 24.8	−30 22 50	2004		10.0	6.2	247.6	0.0		W 18-1, CCCS 996		2
08 01 26.3	−38 17 27	2008		12.0	8.5	254.3	−4.2		W 19-5, CCCS 1000		2
08 01 27.2	−30 57 56	2005		10.5	8.6	248.1	−0.3		W 18-2, CCCS 997		2
08 01 31.4	−22 02 36	2002		11.7	10.4	240.5	4.4		Ste, CCCS 995		1
08 01 35.8	−31 53 49	2013		11.5	9.8	248.9	−0.8		B-M 52,W 17-8,MacCon2000,CCCS 1005		0
08 01 36.7	−39 22 54	2009		11.6	8.5	255.2	−4.7		W 19-6,Sndlk,MacCon2000,CCCS 1001		0
08 01 41.7	−23 25 41	2003			12.1	241.7	3.7		Ste		1
08 01 48.8	−25 51 52	6264			9.7J	243.8	2.5		Aar89		1
08 02 04.9	−38 11 49	2011	14.1	10.3	7.6	254.3	−4.0	C3,5J(LE90)	W 19-7, Sndlk, Hen 38, CCCS 1003	R	1
08 02 18.2	−41 27 13	6265				257.1	−5.7		MacCon2000		0
08 02 25.5	−30 32 16	2010		10.3	8.7	247.8	0.1	N:(Sndlk)	B-M 50, Wray 39, Sndlk,CCCS 1002	R	0
08 02 29.9	−35 39 53	2015		14.5	9.4	252.2	−2.6		VB 29067-1,Aar89,MacCon2000		0

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
08 02 30.4	−30 57 56	2012		11.4	9.3	248.2	−0.1		B-M 51, W 14-9, Sndlk, CCCS 1004	R	1
08 02 31.7	−39 18 13	2020		12.0	8.0	255.3	−4.5		W 19-8,MacCon2000,CCCS 1009		0
08 02 37.7	−31 37 30	2025	14.0	10.3	8.6	248.8	−0.4		B-M 53, Wray 40,W 17-9,CCCS 1014	R	0
08 02 40.3	−37 08 06	2019		16.0	11.8	253.4	−3.3		W 15-11, CCCS 1008		2
08 02 42.8	−36 31 38	6266				252.9	−3.0		MacCon2000		0
08 02 45.6	−02 07 32	2007	10.8	9.0		223.2	14.8	N(San)	MSB 33, D 95(R), Ste(N),CCCS 999	R	1
08 02 59.1	−40 56 30	6267				256.7	−5.3		MacCon2000		0
08 03 01.5	−24 16 34	2016	14.5	10.7	10.7	242.6	3.5	N(Ste)	Ste, CCCS 1007		1
08 03 01.5	−28 02 16	2018		15.2	8.2J	245.8	1.6		MacCon 230, Aar89		1
08 03 07.1	−26 34 34	6268			9.9J	244.5	2.3		Aar89, Gug93		1
08 03 12.7	−34 55 46	2026		16.0	11.7	251.6	−2.1		W 20-1, VB 29067-2, CCCS 1015		2
08 03 22.2	−31 30 12	2033		9.5	6.5	248.7	−0.2		W 17-11, CCCS 1019, IRC -30114	R	0
08 03 31.7	−29 16 14	2027		16.5		246.9	1.0		MacCon 231		1
08 03 35.4	−21 59 27	2021	14.7	11.0	10.4	240.7	4.9	N(Ste)	Ste, NSV 3885, CCCS 1010		1
08 03 35.6	−24 04 36	2022	13.0	10.5	10.1	242.5	3.8	N(Ste)	Ste, FF Pup, Hen 39, CCCS 1011	R	1
08 03 39.9	−08 27 03	2017		10.9		229.0	11.9	N(Ste)	-8:2200, BidMac, Ste		1
08 03 41.0	−23 16 04	2023		12.1	11.7	241.8	4.2		Ste, CCCS 1012		1
08 03 41.6	−41 34 54	6269				257.3	−5.5		MacCon2000		0
08 03 41.8	−23 50 06	2024	13.6	9.0	6.1J	242.3	3.9	N(Ste)	Wray 41, IK Pup, Ste, CCCS 1013	+R	1
08 03 42.1	−32 56 05	2030		12.0	9.8	250.0	−0.9		W 17-10,VB 29067-3,MacCon2000	R	0
08 03 42.4	−33 14 34	2031			10.7J	250.3	−1.1		VB 29067-4, Aar89		1
08 03 45.9	−26 38 49	2029		16.0	11.8	244.7	2.4		W 16-6, CCCS 1017		2
08 03 52.5	+36 44 41	6270			12.2r	184.1	29.6		AbrGig89a		3
08 03 53.9	−38 36 46	2036			9.0	254.8	−3.9		W 19-9, CCCS 1022		2
08 04 04.9	−43 35 45	2041		10.0	5.2J	259.1	−6.5	R:(Sndlk)	Wray 42, Sndlk,Hen 43, CCCS 1027		1
08 04 09.2	−36 39 41	2037			10.2J	253.2	−2.8		VB 29067-5, Aar89		1
08 04 10.0	−27 20 06	2034	13.8	11.1	10.0	245.3	2.1		W 16-7, Sndlk, MacCon, CCCS 1020		1
08 04 11.9	−32 38 17	2035		12.0	9.8	249.8	−0.7		W 17-12,MacCon2000,CCCS 1021		0
08 04 17.5	−21 39 07	2032			11.4	240.5	5.2		Ste		1
08 04 17.9	−40 51 26	2042		11.7	8.0	256.8	−5.0		W 22-1,Sndlk(C:),CCCS 1028	R	0

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
08 04 37.3	−03 07 58	2028		12.0		224.4	14.7	N?(D); C5,5e(De)	D 96, CCCS 1016	R	3
08 04 40.3	−27 31 52	2039		15.0	12.1	245.5	2.1		W 16-8, MacCon, CCCS 1024		2
08 04 47.7	−22 16 45	2038	13.9	10.7		241.1	4.9	R-N(Ste)	Ste, CCCS 1023		1
08 04 52.7	−27 29 20	2040	14.1	11.0	9.0	245.5	2.2		W 16-9, Sndlk, MacCon, CCCS 1026		1
08 04 55.7	−36 52 29	2045		16.0	10.7	253.5	−2.8		W 15-12, CCCS 1031		2
08 04 56.6	−33 31 48	6271				250.6	−1.0		MacCon2000		0
08 04 57.6	−29 51 26	2043		13.0	10.2	247.5	0.9		W 18-3,MacCon,MacCon2000,CCCS 1029		0
08 05 03.8	−33 46 53	2044		10.6	8.1	250.9	−1.1	N(Ste)	B-M 54, W 17-13, Ste, CCCS 1030	R	0
08 05 07.8	−39 45 19	2050		11.6	8.2	255.9	−4.3		W 19-10,Sndlk,MacCon2000,CCCS 1035		0
08 05 16.6	−42 11 26	2052		12.5	8.7	258.0	−5.6		W 22-2,MacCon2000,CCCS 1037		0
08 05 20.0	−38 46 36	2051	10.0	7.0	4.0	255.1	−3.8	R(Sndlk); N(San)	67190(Nb), RT Pup, CCCS 1036	R	0
08 05 22.2	−32 09 38	2047		10.5	8.9	249.5	−0.2		B-M 56,W 17-14,MacCon2000	R	0
08 05 27.7	−43 34 17	2054		11.0		259.2	−6.3		Wray 45, CCCS 1039		1
08 05 28.5	−39 13 19	2053		12.0	9.0	255.5	−4.0		W 19-12,MacCon2000,CCCS 1038		0
08 05 32.3	−30 12 19	2048	14.1	11.1	8.8	247.9	0.9		B-M 55, Wray 44, CCCS 1033	R	1
08 05 39.6	−29 57 28	2049		10.0	8.8	247.7	1.0		W 18-5,MacCon,MacCon2000,CCCS 1034		0
08 05 59.3	−34 41 09	2055		11.8	9.9	251.7	−1.5		B-M 57, W 20-2, Ste, CCCS 1040	R	0
08 06 07.2	−36 23 40	2057				253.2	−2.4		VB 29067-8		2
08 06 09.9	−37 12 33	2058		13.0	11.0	253.9	−2.8		W 19-13, CCCS 1041		2
08 06 14.0	−09 42 47	2046		10.0		230.4	11.8	N(Ste)	MacCon82, Ste		2
08 06 51.1	−15 33 23	2056			6.8J	235.6	8.9		Lit 57,Epc90-63		1
08 06 58.7	−40 12 07	2070		13.0	10.0	256.5	−4.3		W 22-3,MacCon2000,CCCS 1051		0
08 07 04.4	−22 32 57	2059	13.4	10.1:		241.6	5.3	N(Ste)	Ste, BidMac, CCCS 1042		1
08 07 05.0	−37 10 26	2067		11.7	9.2	253.9	−2.6	C+F(Sndlk)	B-M 58, W 19-14,Sndlk, CCCS 1049	R	2
08 07 05.1	−29 47 44	2063	14.1	9.7	5.7	247.7	1.4		Wray 47, W 18-6,Sndlk, CCCS 1045	R	1
08 07 05.9	−28 47 38	2062			12.3J	246.9	1.9		Lit 58,Epc90-64,AFGL 5240		1
08 07 06.1	−43 08 54	6272				259.0	−5.8		MacCon2000		0
08 07 10.4	−47 30 36	2076		10.7:		262.7	−8.1	N:(Sndlk)	Sndlk, NSV 3915, CCCS 1058		2
08 07 11.4	−41 21 59	2072		15.5	10.8	257.5	−4.9		W 22-4, CCCS 1053		2
08 07 16.6	−33 41 54	2069		10.2	8.3	251.0	−0.7		B-M 59, W 17-15,Sndlk, CCCS 1050	R	0

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
08 07 18.4	−22 44 33	2061	14.7	11.8:		241.8	5.2		Ste, CCCS 1044		1
08 07 23.0	−30 41 05	2066		12.0	8.7	248.5	0.9		W 21-1, CCCS 1048		2
08 07 23.2	−31 00 32	2068		15.8		248.8	0.8		MacCon 232		1
08 07 23.4	−16 25 20	2060	12.4			236.4	8.6	R0(Ste)	Ste, CCCS 1043		1
08 07 28.9	−32 23 32	2071		10.5	8.5	250.0	0.0		B-M 60,W 17-16,MacCon2000	R	0
08 07 29.8	−22 54 45	2064	10.3	8.5	5.9	242.0	5.1	N(San)	67507(Nb), RU Pup, CCCS 1046	R	0
08 07 37.2	−19 47 03	2065	13.7	10.1:		239.3	6.8	N(Sndlk)	MayCann40(R?), Sndlk, CCCS 1047	R	1
08 07 39.0	−36 57 32	2075		12.5	9.3	253.8	−2.4		W 19-15, CCCS 1056		2
08 07 46.9	−41 10 56	6273				257.4	−4.7		MacCon2000		0
08 07 47.8	−33 52 17	2074		12.0	9.0	251.2	−0.7		W 17-17, VB 29067-11, CCCS 1055	R	0
08 08 19.3	−40 19 07	2081		12.0	9.7	256.7	−4.1		W 22-5, CCCS 1063		2
08 08 21.3	−35 28 38	2078		15.5	11.9	252.7	−1.5		W 20-3,VB 29067-12,CCCS 1061,Aar89		1
08 08 26.4	−17 31 18	2073	13.7			237.5	8.2	R(Sndlk)	Sndlk, CCCS 1054		2
08 08 36.2	−41 12 22	6274				257.5	−4.5		MacCon2000		0
08 08 36.8	−33 18 00	2080		11.5	10.1	250.9	−0.3		B-M 61, W 17-18, CCCS 1062	R	0
08 08 40.5	−31 30 23	2079		12.5	9.2	249.4	0.7		W 21-2,MacCon2000,CCCS 1060		0
08 08 44.9	−35 00 59	2083		11.0	9.8	252.3	−1.2		W 20-4, VB 29067-15, CCCS 1065		2
08 08 49.8	−32 53 35	2082		13.0	11.0	250.5	−0.0		W 17-19, VB 29067-14, CCCS 1064	R	0
08 08 55.7	−41 29 14	6275				257.8	−4.6		MacCon2000(C:)		0
08 08 57.8	−35 31 07	2084			10.2J	252.8	−1.4		VB 29067-17, Aar89		1
08 09 03.1	−34 03 00	2085		14.5	11.5	251.5	−0.6		W 20-5, VB 29067-16, CCCS 1066	R	0
08 09 11.1	−36 17 20	2086	12.5	8.5	5.0	253.4	−1.8	N(Ste)	B-M 62, FK Pup, CCCS 1067	*R	2
08 09 18.6	−39 21 58	2088		11.7		256.0	−3.4		Wray 51, CCCS 1069		1
08 09 20.2	−36 24 27	6276			21	253.5	−1.8	3.1(GJB93), c	VKL92,GJ93,Gro93,GJG94		i
08 09 26.9	−35 30 02	2087		11.9	9.4	252.8	−1.3		B-M 63, W 20-7, Sndlk, CCCS 1068	R	1
08 09 52.3	+05 03 26	2077	9.2	9.5:		217.4	19.7	Np(VyssBalz58)	+5:1890, VyssBalz58, CCCS 1059	R	1
08 09 53.2	−41 27 43	2097		13.5	10.0	257.9	−4.5		W 22-6,MacCon2000,CCCS 1077		0
08 09 55.1	−38 41 13	2093		15.5	10.7	255.5	−3.0		W 19-16, CCCS 1074		2
08 10 02.4	−33 08 31	2091		16.0	9.3	250.9	0.1		W 21-3, VB 29067-19, CCCS 1072	R	0
08 10 02.5	−39 47 14	2098			11.4	256.5	−3.5		W 22-7, CCCS 1078		2

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
08 10 04.8	−23 06 51	2089		11.5:		242.5	5.5	N(Ste)	Ste, CCCS 1070		2
08 10 10.0	−29 32 01	2090	13.3	10.0	7.2	247.9	2.1	N:(Sndlk)	Wray 52, W 18-7,Sndlk, CCCS 1071	R	1
08 10 13.6	−33 56 20	2096	13.5	11.2	9.3	251.6	−0.3	R(Ste)	B-M 64, W 20-8, Ste, CCCS 1076	R	1
08 10 16.0	−32 28 27	2094			10.4J	250.3	0.5		VB 29067-20, Aar89		1
08 10 18.2	−31 54 16	2095		11.0	8.5	249.9	0.8		B-M 65, W 21-5, Ste, CCCS 1075		1
08 10 19.3	−30 50 07	2092		13.5	10.0	249.0	1.4		W 21-4,MacCon,MacCon2000,CCCS 1073		0
08 10 27.0	−39 14 17	6277			11.3K	256.0	−3.2	c	Epc90-66		i
08 10 28.7	−34 00 30	2099		11.0	8.3	251.7	−0.3		B-M 66, W 20-9, Ste, CCCS 1079	R	1
08 10 48.8	−32 52 04	2101		15.6	11.4	250.7	0.4		W 21-6, V346 Pup, GJ93, CCCS 1081	R	0
08 10 48.9	−40 01 07	2103		11.2	7.7	256.7	−3.5	N:(Sndlk)	W 22-8,Sndlk,MacCon2000,CCCS 1083		0
08 10 52.5	−35 15 23	2102	14.5	11.0	8.9	252.7	−0.9	N(Sndlk)	B-M 67, W 20-10,Sndlk, CCCS 1082	R	1
08 10 55.7	−29 04 36	2100	13.1	10.5	8.0	247.6	2.5	N(Sndlk)	W 18-8, Sndlk, CCCS 1080		1
08 11 21.3	−37 35 10	2106		11.3	9.1	254.8	−2.1		B-M 68, Wray 53, CCCS 1086	R	2
08 11 30.6	−36 16 23	2107		16.0	11.9	253.7	−1.4		W 23-2, VB 29067-24, CCCS 1087		2
08 11 41.1	−21 12 37	2104	12.5	8.2		241.0	6.9	N(Sndlk)	Sndlk, IR Pup, CCCS 1084	R	1
08 11 54.7	−34 50 44	2108		12.5	10.0	252.5	−0.5		W 20-11, VB 29067-25, CCCS 1088	R	0
08 12 04.2	−20 02 18	2105		11.2		240.1	7.6		Sndlk, CCCS 1085		1
08 12 11.2	−42 38 18	2111		13.5	10.7	259.1	−4.8		W 25-1, CCCS 1091		2
08 12 15.9	−42 10 58	2113		16.0	11.5	258.7	−4.5		W 25-2,MacCon2000,CCCS 1093		0
08 12 23.6	−39 04 23	2110		11.6	8.8	256.1	−2.8		B-M 70, W 19-17,Sndlk, CCCS 1090	R	0
08 12 47.2	−26 45 07	2109	14.1	10.7:		245.9	4.1		Sndlk, NSV 3944(?), CCCS 1089	R	1
08 12 50.1	−31 33 10	2112		11.4	9.3	249.9	1.4		B-M 69, W 21-7, Ste, CCCS 1092	R	0
08 12 52.7	−42 57 08	2115		11.5	8.4	259.4	−4.8		W 25-3,MacCon2000, CCCS 1095		0
08 13 05.3	−41 15 14	6278			10.4J	258.0	−3.9	c	Gug93		i
08 13 06.4	−40 39 25	2116			11.7	257.5	−3.5		W 22-9, CCCS 1096		2
08 13 19.9	−33 34 19	2114		13.5	10.5	251.6	0.4		W 24-1, VB 29067-26, CCCS 1094	R	0
08 13 26.0	−40 11 18	2117		16.0	11.3	257.2	−3.2		W 22-10,MacCon2000,CCCS 1097	R	0
08 13 36.8	−43 04 03	6279				259.6	−4.8		MacCon2000		0
08 13 40.1	−42 14 11	2122		11.5	8.1	258.9	−4.3		W 25-4, CCCS 1101		2
08 13 48.3	−36 36 56	2119			8.7J	254.2	−1.2		VB 29067-27,Lit 59,Aar89,Epc90-67		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
08 13 51.8	−37 49 42	2121		15.0	11.8	255.2	−1.8		W 23-3, CCCS 1100		2
08 13 56.2	−39 04 59	2123		11.0	8.8	256.3	−2.5		W 22-11,MacCon2000,CCCS 1102		0
08 14 01.6	−29 36 13	2118		10.5	9.0	248.4	2.7		W 18-9,MacCon2000,CCCS 1098		0
08 14 07.4	−31 00 27	2120		11.2	8.6	249.6	2.0	R(Ste)	W 21-8,Ste,MacCon2000,CCCS 1099		0
08 14 26.9	−35 27 30	2125			9.8J	253.3	−0.4		VB 29067-28, Aar89		1
08 14 27.8	−44 02 35	2127		14.5	9.3	260.5	−5.2		W 25-5, CCCS 1104		2
08 14 35.4	−34 39 57	2126	12.8	11.7		252.7	0.0	R(Ste)	Ste, CCCS 1103		0
08 14 56.2	−40 00 19	2128	13.6	10.8	8.4	257.2	−2.9	R(Sndlk)	B-M 72, W 22-12,Sndlk, CCCS 1105	R	1
08 15 03.5	−37 55 46	2129	14.5	11.0	8.9	255.4	−1.7	N:(Sndlk)	B-M 71, W 23-4, Sndlk, CCCS 1106	R	1
08 15 11.1	−41 55 06	2130		16.0	10.3	258.8	−3.9		W 25-6,MacCon2000,CCCS 1107		0
08 15 16.1	−44 01 53	2132			11.6	260.6	−5.1		W 25-7, CCCS 1109		2
08 15 19.1	−12 45 21	2124			10.1J	234.3	12.1		Lit 60, Epc90-68		1
08 15 42.1	−35 53 19	2131		12.0	11.2	253.8	−0.5		W 23-5, CCCS 1108		2
08 15 42.5	−40 58 10	6280				258.0	−3.3		MacCon2000		0
08 15 54.7	−37 45 04	6281			11.2J	255.4	−1.5	c	Gug93		i
08 16 08.2	−31 12 28	2135		12.0	9.0	250.0	2.2		W 21-9,Ste,MacCon2000,CCCS 1112		0
08 16 11.4	−33 11 19	2136		11.5	10.0	251.6	1.1		W 24-2, VB 29067-29, CCCS 1113	R	0
08 16 24.3	−21 19 17	2133	13.6			241.7	7.7	N:(Sndlk)	Sndlk, NSV 3978,BidMac,CCCS 1110		1
08 16 36.0	−41 26 50	6282				258.5	−3.4		MacCon2000		0
08 16 45.2	−14 27 14	2134	12.0	9.3		235.9	11.5	N(Ste)	MacCon67, IV Pup, CCCS 1111	R	1
08 16 55.5	−30 13 11	6283				249.3	2.9		MacCon2000		0
08 17 04.3	−40 25 34	6284				257.7	−2.8		MacCon2000		0
08 17 15.8	−61 15 43	2160				275.5	−14.1	R(May51)	-60:2146, May51, CCCS 1132		2
08 17 17.8	−35 35 08	2137			9.6J	253.7	−0.0		VB 29067-30, Aar89		1
08 17 38.1	−30 36 19	2138		11.5	9.0	249.7	2.8		W 21-10,MacCon2000,CCCS 1114		0
08 17 41.8	−39 16 56	6285				256.9	−2.0		MacCon2000		0
08 17 48.0	−36 46 52	2144		15.0	11.4	254.8	−0.6		W 23-6, CCCS 1118		2
08 17 48.6	−33 36 04	2141		9.6	6.7	252.2	1.2	N:(Ste)	B-M 73, Wray 57, CCCS 1116	R	0
08 17 50.2	−31 04 22	2140		12.5	9.0	250.1	2.6		W 21-11,MacCon2000,CCCS 1115		0
08 17 54.6	−38 32 17	2146		14.5	11.0	256.3	−1.6		W 26-1, CCCS 1120		2

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
08 18 00.2	−37 02 18	2147		14.0	12.0	255.0	−0.7		W 23-7, CCCS 1121	R	2
08 18 02.9	−20 08 12	2139		12.0		241.0	8.7	N:(Ste)	MacCon82, Ste		1
08 18 03.8	−28 21 48	2142		11.0		247.8	4.2		Wray 59, Hen 52, CCCS 1117		1
08 18 11.5	−61 16 00	2166	10.7			275.5	−14.0	R(Sto)	-60:2146, Sto III-28, CCCS 1137	R	1
08 18 16.3	−35 19 08	2149			10.4J	253.6	0.3		VB 29067-32, Aar 89		1
08 18 20.0	−28 39 49	2145		11.8:		248.1	4.0		Sndlk, CCCS 1119		1
08 18 37.1	−45 54 41	2157		11.0		262.5	−5.6		Wray 63, CCCS 1129		1
08 18 37.5	−42 45 38	6286				259.8	−3.8		MacCon2000		0
08 18 37.5	−25 54 19	2148	13.3	9.6		245.9	5.6	N(Ste)	Wray 62, -25:5877, CCCS 1122	*R	2
08 18 40.8	−15 05 27	2143		9.7		236.7	11.6	N(Ste)	BidMac, -14:2468, Ste		1
08 18 48.9	−41 22 16	2154		14.0	10.6	258.7	−3.0		W 25-8,MacCon2000,CCCS 1127		0
08 18 57.4	−34 04 15	2151		12.0	9.4	252.7	1.1		W 24-4,VB,MacCon2000,CCCS 1124		0
08 18 59.3	−34 50 38	2152		11.7	9.4	253.3	0.7		B-M 74, W 24-5, Ste, CCCS 1125	R	0
08 19 00.5	−38 21 01	2155		16.0	11.8	256.2	−1.3		W 26-2, CCCS 1128		2
08 19 10.4	−38 41 57	2159			12.0	256.5	−1.5		W 26-3,MacCon2000,CCCS 1131		0
08 19 18.7	−21 44 15	6287			26	242.5	8.1	c	VKL92,GJ93,OLFHHS		i
08 19 24.2	−49 30 59	2167		11.7		265.5	−7.5		Wray 65, Sndlk, CCCS 1138		1
08 19 34.3	−36 08 41	2161		12.5	9.8	254.5	0.0		W 23-8, CCCS 1133		2
08 19 36.0	−36 09 27	2162			12.2	254.5	0.0		W 23-9, VB 29067-35, CCCS 1134		2
08 19 39.5	−39 01 21	2164	14.5	11.1	8.9	256.9	−1.6	N(Sndlk)	B-M 75, Wray 64, CCCS 1135	R	1
08 19 43.1	−18 15 53	2153		9.3		239.6	10.1	R5(HD)	70138, -17:2442, V433 Pup	R	0
08 19 55.3	−19 50 54	2158		13.8		241.0	9.2		Ste85		1
08 20 06.0	+02 45 52	2150	12.2	8.3	6.7	220.9	20.9	Ne(San)	70072(Nb), RY Hya, CCCS 1123	R	1
08 20 11.1	−44 12 06	2170		11.1	8.0	261.2	−4.4		W 28-1, Sndlk, CCCS 1141		2
08 20 14.3	−36 16 11	2168		12.5	9.0	254.6	0.1		W 23-10, VB 29067-36, CCCS 1139		2
08 20 15.3	−28 52 16	6288				248.5	4.3		MacCon2000		0
08 20 41.4	+05 11 22	2156		9.9		218.6	22.2	R5(San);C5,5(De)	D 98(R), MT Hya, Van 34(R8)	R	0
08 20 41.5	−09 20 37	2163		12.1		232.0	15.0		Ste85		1
08 20 42.2	−32 27 05	2169		11.1	8.2	251.6	2.3	R(Ste)	W 24-6,Ste,VB 29067-37,CCCS 1140	R	0
08 20 59.0	−37 03 28	2171			12.7H	255.4	−0.2		Lit 61, Epc90-70		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
08 21 02.8	−31 54 07	6289				251.1	2.7		MacCon2000		0
08 21 16.5	−36 29 25	2172		15.0	11.6	254.9	0.1		W 23-11, VB 29067-38, CCCS 1142	R	2
08 21 23.6	−44 23 08	2176		12.4	8.0	261.5	−4.3		Wray 67, W 28-2, CCCS 1146		1
08 21 41.3	−34 57 30	2173		14.5	9.3	253.7	1.1		W 24-7, VB 29067-40, CCCS 1143		2
08 21 50.2	−36 07 23	2175		10.8	8.7	254.7	0.4	N:(Sndlk)	B-M 76, Wray 68, CCCS 1145	R	2
08 22 01.5	−29 12 26	2174		11.5		249.0	4.4		Sndlk, CCCS 1144		1
08 22 16.6	−34 32 34	2179				253.5	1.4		VB 29067-41		2
08 22 18.0	−55 41 19	2188		11.7		271.0	−10.5		Wray 71, CCCS 1155		1
08 22 34.2	−45 09 22	2183			10.8	262.2	−4.6		W 28-3, CCCS 1151		2
08 22 38.9	−28 57 31	2180	14.4	10.7:		248.9	4.6	N(Sndlk)	Wray 70, Sndlk,Hen 55, CCCS 1148	R	0
08 22 42.9	+33 31 10	2165	10.9	9.2		188.8	32.7	Ne(San)	+33:1686, T Lyn, Ste, CCCS 1136	R	0
08 22 44.2	−15 54 59	2177		8.9	7.0	238.0	11.9	N(San);C5,4(Yam)	-15:2405, AC Pup, Ste, CCCS 1147	R	0
08 22 48.7	−39 33 35	2182		13.0	10.8	257.6	−1.4		W 26-5, CCCS 1150		2
08 22 53.4	−15 18 28	2178		12.1		237.5	12.3	C-Se(Ste)	Ste		1
08 22 59.3	−33 50 49	2181		11.0	8.2	253.0	1.9		W 24-8, VB 29067-42, CCCS 1149		2
08 23 11.7	−37 36 55	2185		11.8	9.5	256.1	−0.2		B-M 77, Wray 72, CCCS 1153	R	1
08 23 14.9	−34 02 18	2184		11.5	9.0	253.2	1.9		W 24-9, VB 29067-43, CCCS 1152		2
08 23 18.5	−38 42 38	2186		13.0	10.0	257.0	−0.8		W 26-6, CCCS 1154		2
08 23 24.1	−45 28 31	2191	13.8	10.6	7.8	262.6	−4.7		Wray 73, W 28-4,Sndlk, CCCS 1158		1
08 23 34.7	−43 06 59	2192		14.0	9.7	260.6	−3.3		W 25-9,MacCon2000,CCCS 1159		0
08 23 35.8	−38 56 52	2189		13.0	10.8	257.2	−0.9		W 26-7, CCCS 1156		2
08 23 39.4	−41 10 11	2193			11.0	259.1	−2.2		W 25-10,MacCon2000,CCCS 1160		0
08 23 45.5	−40 40 54	2194		15.0	9.5	258.7	−1.9		W 29-1,MacCon2000,CCCS 1161		0
08 23 51.1	−37 04 08	2190		11.7	9.6	255.7	0.2		B-M 78, Wray 75, CCCS 1157	R	2
08 23 56.3	−31 42 03	6290				251.3	3.3		MacCon2000		0
08 23 57.6	−42 48 04	2195		16.0	9.5	260.4	−3.1		W 25-11,MacCon2000,CCCS 1162		0
08 23 57.6	−43 21 50	2196		16.0	11.0	260.9	−3.4		W 25-12,MacCon2000,CCCS 1163		0
08 24 09.2	−21 58 07	2187		10.0		243.3	8.9		MacCon82, CSV 1295		1
08 24 34.6	−37 27 47	2198		12.0	9.8	256.1	0.1		B-M 79, W 26-8, CCCS 1165		2
08 24 46.0	−33 45 08	2199		10.3	7.6	253.1	2.3	N(Ste)	W 24-10, Ste, CCCS 1166	R	2

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
08 24 55.9	−44 22 51	2202			11.0	261.8	−3.8		W 28-5, CCCS 1169		2
08 25 00.6	−25 21 46	2197		9.0		246.2	7.1		-24:6912, Hen 56, CCCS 1164		2
08 25 02.9	−38 43 59	2200		12.0	11.7	257.2	−0.5		W 26-9, Hen 325?, CCCS 1167	R	0
08 25 07.4	−47 57 53	6291				264.8	−5.8		MacCon2000		0
08 25 10.0	−41 19 57	2203			11.5	259.3	−2.0		W 29-2,MacCon2000,CCCS 1170		0
08 25 21.7	−34 16 20	2201	10.8	9.5	6.0	253.6	2.1	R(Ste)	W 27-1, Ste, Hen 57, CCCS 1168	R	1
08 25 39.7	−38 47 31	2207		10.0		257.3	−0.5		Hen 325, CCCS 1173	R	2
08 25 42.8	−30 30 24	2204	11.4	10.4:		250.6	4.3	R(Sndlk)	-30:6234, Sndlk,BidMac,CCCS 1171		1
08 25 44.3	−34 11 15	2205				253.6	2.2		VB 29067-45		2
08 25 44.6	−46 07 55	2212		13.5	9.1	263.3	−4.7		W 28-6, CCCS 1178		2
08 25 51.8	−46 05 12	2214		11.3	8.0	263.3	−4.7		W 28-7, Sndlk, CCCS 1180		2
08 25 54.9	−43 06 45	2211		12.5	11.2	260.9	−2.9		W 25-13,MacCon2000,CCCS 1177		0
08 25 56.4	−44 20 10	2213		16.0	11.0	261.9	−3.6		W 28-8, CCCS 1179		2
08 26 00.1	−34 24 00	2209	11.4	10.0	8.3	253.8	2.1		W 27-2, Ste, BidMac, CCCS 1175		1
08 26 04.2	−43 16 29	2215		16.0	11.5	261.0	−3.0		W 25-14, CCCS 1181		2
08 26 04.5	−38 27 49	2210		10.2	7.8	257.1	−0.2		B-M 80, W 26-10,Hen 59,CCCS 1176	R	2
08 26 07.0	−25 51 40	2206	13.6	10.3		246.8	7.0		-25:6066, Wray 78, CCCS 1172	*R	1
08 26 09.5	−31 21 06	6292				251.3	3.9		MacCon2000		0
08 26 38.2	−17 14 17	2208	13.1	9.7	5.1J	239.6	12.0	N3(MayCann40)	MayCann40, Ste, Gug93, CCCS 1174		2
08 27 02.6	−40 52 18	2218		14.5	9.0	259.2	−1.5		W 29-3,MacCon2000,CCCS 1183		0
08 27 05.1	+28 44 03	6293			13.5r	194.6	32.4	dC(GreMar94)	HBJV93,Heb93,PG 0824+289,Joy98	R	0
08 27 13.1	−26 15 35	2216			8.6J	247.3	7.0		Lit 62,Epc90-71		1
08 27 24.2	−30 54 47	2217	13.7	11.8:		251.1	4.4	R(Ste)	Sndlk, CCCS 1182		1
08 27 39.8	−45 44 08	2220			11.2	263.2	−4.2		W 28-9, CCCS 1185		2
08 27 48.6	−46 03 11	2221		12.0	9.0	263.5	−4.4		W 28-10, CCCS 1186		2
08 28 05.3	−43 31 43	2223		13.5	9.0	261.5	−2.9		W 28-11,MacCon2000,CCCS 1188		0
08 28 13.5	−27 15 28	2219	12.4	8.5		248.2	6.6	N3(MayCann40)	-26:6080, YY Pyx, MayCann40	R	0
08 28 24.5	−41 20 57	2224			12.0	259.7	−1.5		W 29-4, CCCS 1189		2
08 28 25.7	−36 51 22	2222		10.3	7.6	256.1	1.1	N:(Sndlk)	B-M 81, W 27-3, Sndlk, CCCS 1187	R	1
08 29 22.8	−33 33 28	2225		10.7		253.5	3.2		Ste, CCCS 1190		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
08 29 42.0	−29 20 04	2226	14.1	11.2		250.1	5.7		Sto IV-20(R), Sndlk(N),CCCS 1191	R	1
08 29 47.1	−31 28 03	2227	13.7	11.0		251.9	4.5	N(Ste)	Wray 80, Ste, Hen 62, CCCS 1192		1
08 30 10.0	−27 42 12	2228	14.3	9.0		248.8	6.7	R(Sto)	-27:5555, Wray 81, CCCS 1193	*R	1
08 30 26.8	−34 55 36	6294			11.5J	254.7	2.5	c	Gug93		i
08 30 29.1	−46 25 36	2230		12.0	9.0	264.1	−4.2		W 31-1, CCCS 1194		2
08 30 54.6	−44 45 28	2232		15.0	10.2	262.7	−3.2		W 28-12, CCCS 1196		2
08 31 00.8	−21 47 38	2229		11.4		244.1	10.3	Ce	MacCon82		1
08 31 05.9	−38 37 45	2231		13.5	9.3	257.8	0.5		W 30-1, CCCS 1195		2
08 31 14.9	−46 48 23	2233		14.0	10.4	264.4	−4.3		W 31-2, CCCS 1197		2
08 31 15.7	−47 37 12	2236		12.5	9.5	265.1	−4.8		W 31-3, CCCS 1200		1
08 31 29.8	−43 17 47	2234		15.0	9.7	261.6	−2.2		W 32-1,MacCon2000,CCCS 1198		0
08 31 32.9	−47 35 44	2240		14.5	10.4	265.1	−4.7		W 31-4, CCCS 1204		2
08 31 35.5	−45 07 19	2239		16.0	10.3	263.1	−3.3		W 28-13, CCCS 1203		2
08 31 46.3	−40 23 49	2237		15.5	11.7	259.3	−0.5		W 29-5,MacCon2000,CCCS 1201		0
08 31 48.9	−45 17 27	2241		11.5	9.2	263.3	−3.4		W 28-14, CCCS 1205		2
08 32 02.3	−44 05 58	2242			12.0	262.3	−2.6		W 28-15, CCCS 1206		2
08 32 06.6	−34 11 33	2238		11.9	8.7	254.4	3.3	N(Ste)	W 27-4, Ste, CCCS 1202		2
08 32 08.7	−44 08 57	2243			11.1	262.4	−2.6		W 28-16, W 32-2, CCCS 1207	*R	0
08 32 09.3	−30 10 40	2235	12.2			251.1	5.6	R(Sndlk)	Sndlk, Sto IV-28(R), CCCS 1199	R	1
08 32 11.7	−43 23 44	6295			12.5H	261.8	−2.2	c	Epc90-73		i
08 32 32.9	−33 25 13	6296			10.6K	253.8	3.8	c	Epc90-74,OLFHHS		i
08 33 01.1	−37 23 40	2246		11.0	8.6	257.0	1.5		W 30-2, CCCS 1208		2
08 33 05.5	−47 06 18	2250		15.5	11.3	264.9	−4.2		W 31-5, CCCS 1212		2
08 33 15.8	−40 07 04	6297				259.3	−0.1		MacCon2000(C:)		0
08 33 17.2	−47 27 14	2253		14.0	10.3	265.2	−4.4		W 31-6, CCCS 1215		2
08 33 22.4	−29 56 32	2247	13.0	9.8		251.1	6.0	R(Sto)	Wray 86, Sto IV-21, CCCS 1209	R	1
08 33 22.9	−44 54 14	2251		15.0	9.3	263.1	−2.9		B-M 82, W 28-17, CCCS 1213	R	2
08 33 43.8	−33 58 14	2248		12.0	9.2	254.4	3.7		W 27-5, CCCS 1210		2
08 33 50.1	−32 01 09	2249	12.7	10.0		252.8	4.8		Ste, Hen 65, CCCS 1211		2
08 33 54.9	−06 05 25	2245		13.0		230.9	19.5	N(Ste)	Ste		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
08 34 07.0	−45 29 49	2254		12.0	8.8	263.7	−3.2		W 31-7, W 28-18, CCCS 1216	*	2
08 34 13.6	−27 24 29	2252	14.3			249.1	7.6	R(Sto)	Sto IV-13, CCCS 1214		1
08 34 34.2	−41 16 08	2256		13.5	9.8	260.3	−0.6		W 29-6,MacCon2000,CCCS 1218		0
08 34 59.3	−30 55 34	2255		11.0		252.1	5.7		Wray 87, Ste, Hen 67, CCCS 1217	R	0
08 35 02.8	−43 46 44	2257		15.0	11.2	262.4	−2.0		W 28-19, W 32-3, CCCS 1219	*R	0
08 35 26.5	−59 23 41	2266	13.0			275.1	−11.2	R(Sto)	Sto III-27, CCCS 1227	R	1
08 35 40.9	−40 32 57	2258			9.6	259.9	0.0		W 29-7,MacCon2000,CCCS 1220		0
08 35 45.8	−39 59 37	2259		12.0	9.0	259.5	0.4		B-M 83, W 29-7, Sndlk, CCCS 1221		0
08 35 48.6	−47 20 49	2262		13.5	9.5	265.3	−4.0	R(AGSh95)	W 31-8, CCCS 1223		2
08 35 55.5	−41 55 24	6298				261.0	−0.8		MacCon2000		0
08 36 02.9	−34 07 35	2260			11.0J	254.8	4.0		Lit 63,Epc90-75,AFGL] 5251		
08 36 09.1	−40 01 55	6299				259.5	0.4		MacCon2000		0
08 36 12.9	−42 47 00	6300				261.7	−1.2		MacCon2000		0
08 36 17.1	−39 03 39	2261			11.3	258.8	1.0		W 33-1, CCCS 1222		2
08 36 27.6	+53 17 57	2244		10.9		165.0	36.9	N(Ste)	Ste85,GEAS97		1
08 36 29.4	−47 58 12	2267		12.0	8.8	265.9	−4.3		W 31-9, CCCS 1228		2
08 36 36.2	−52 34 40	2272	12.0	8.2		269.6	−7.0	N(MayCann40)	-52:2456, NV Vel, MayCann40	R	1
08 36 43.7	−35 34 28	2263		11.2		256.0	3.2		Ste, CCCS 1224	R	2
08 36 49.6	−41 39 31	2264			11.5	260.9	−0.5		W 29-9,MacCon2000,CCCS 1225		0
08 36 53.2	−44 08 35	2268		14.5	10.6	262.9	−1.9		W 28-20,MacCon2000,CCCS 1229		0
08 36 55.2	−48 18 27	2271		16.0	11.2	266.2	−4.4		W 34-1, CCCS 1231		2
08 37 01.4	−49 28 10	2276			12.0	267.2	−5.1		W 28-21, CCCS 1236		2
08 37 02.4	−46 45 09	2273		15.0	11.3	265.0	−3.5		W 31-10, CCCS 1233		2
08 37 11.5	−45 24 16	2275			11.6	263.9	−2.7		W 31-11, CCCS 1235		2
08 37 16.5	−37 39 45	2270		12.0	10.6	257.8	2.0		W 30-3, CCCS 1230		2
08 37 19.7	−28 30 14	2265		10.0	8.2J	250.4	7.5		Hen 68, Gug93, CCCS 1226		2
08 37 21.4	−34 34 43	2269			7.6J	255.3	3.9		Lit 64, Epc90-76		1
08 37 22.0	−45 32 41	2278			10.7	264.1	−2.7		W 28-22, W 31-12, CCCS 1238	*	2
08 37 22.2	−42 20 08	2274		15.0	11.3	261.5	−0.8		W 32-4,MacCon2000,CCCS 1234		0
08 37 30.1	−48 13 05	2280		11.0	8.0	266.2	−4.3		Wray 89, W 34-2,Sndlk, CCCS 1240		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
08 37 47.5	−39 52 24	2279			11.5	259.6	0.8		W 33-2,MacCon2000,CCCS 1239		0
08 37 48.1	−36 27 59	2277		12.0	9.0	256.9	2.8		W 30-4, Sndlk(C:), CCCS 1237		1
08 37 58.5	−40 29 06	2281		16.0	9.8	260.1	0.4		W 33-3,MacCon2000,CCCS 1241		0
08 38 17.6	−44 39 23	2284		15.5	11.0	263.5	−2.1		W 28-23, CCCS 1244		2
08 38 33.2	−36 28 12	2283		12.5	9.0	257.0	2.9		W 30-5, CCCS 1243		2
08 38 45.5	−48 18 33	2287		11.0	8.6	266.4	−4.2		W 34-4, Sndlk, CCCS 1247		1
08 38 45.8	−55 23 03	2293	14.3:	11.0:		272.1	−8.5	N(Ste)	Ste, Wray 91(S), CCCS 1253	R	1
08 38 53.7	−49 38 29	2289		12.1	8.9	267.5	−5.0		W 34-5, Sndlk(C:), CCCS 1249		2
08 38 55.1	−44 23 58	2285			12.0	263.3	−1.8		W 32-5,MacCon2000, CCCS 1245		0
08 38 55.2	−46 56 38	2288		10.1	8.6	265.3	−3.4		B-M 85, W 31-13,Sndlk, CCCS 1248	R	1
08 39 04.1	−43 32 37	2286		14.5	10.8	262.7	−1.3		B-M 84,W 32-6,MacCon2000,CCCS 1246		0
08 39 10.0	−67 43 16	2313	11.8			282.4	−15.6	R(Sto)	Sto III-32, CCCS 1273		1
08 39 14.1	−46 16 06	2291		15.0	11.3	264.8	−2.9		W 31-14, CCCS 1251		2
08 39 15.8	−49 36 31	2294		14.0	11.0	267.5	−4.9		W 34-3, CCCS 1254		2
08 39 21.6	−46 33 41	2292		11.3	9.2	265.1	−3.1		B-M 86, B-M 87, CCCS 1252	**R	2
08 39 27.4	−46 58 56	2296		16.0	11.4	265.4	−3.3		W 31-16, CCCS 1256		2
08 39 31.9	−48 52 57	2299		15.0	11.3	266.9	−4.5		W 34-6, CCCS 1259		2
08 39 36.6	−43 59 58	6301				263.1	−1.5		MacCon2000		0
08 39 37.2	−47 26 21	2298	13.4	11.0	8.8	265.8	−3.6		B-M 88, W 31-17,Sndlk, CCCS 1258		2
08 39 39.9	−47 56 37	2300		11.0	8.0	266.2	−3.9		Wray 92(CE), W 34-7, CCCS 1261	R	1
08 39 42.8	−40 14 41	6302				260.1	0.8		MacCon2000		0
08 39 46.2	−44 38 33	2297		14.0	10.4	263.6	−1.8		W 35-1, CCCS 1257		2
08 39 48.6	−35 00 20	2290		16.0	11.4	256.0	4.0		W 32-7, CCCS 1250		2
08 40 02.1	−36 18 46	2295		12.0	9.5	257.0	3.3		W 30-6, CCCS 1255		2
08 40 09.9	−49 54 01	2304		12.0	9.3	267.8	−5.0		W 34-8, CCCS 1264		2
08 40 19.7	−44 49 07	2302		11.5	9.6	263.8	−1.9		B-M 89, W 35-2, CCCS 1262		2
08 40 27.5	−40 38 34	6303			10.9J	260.5	0.7	c	Gug93		i
08 40 32.7	−47 00 57	2305			11.2	265.6	−3.2		W 31-18, CCCS 1265		2
08 40 33.8	−43 42 20	6304				262.9	−1.2		MacCon2000		0
08 40 34.5	−48 15 46	2307		11.6	8.6	266.6	−3.9		Wray 95, W 34-9,Sndlk, CCCS 1267		1

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08 40 36.8	−49 44 28	2309			10.9	267.7	−4.8		W 34-10, CCCS 1269		2
08 40 49.1	−36 44 33	2303		15.0	9.5	257.5	3.1		W 30-7, CCCS 1263		2
08 41 01.0	−39 14 17	2306		16.0	11.1	259.5	1.6		W 33-4, CCCS 1266		2
08 41 06.8	−43 15 03	6305				262.6	−0.8		MacCon2000		0
08 41 12.2	−47 45 07	2311		15.0	11.1	266.2	−3.5		W 34-11, CCCS 1271		2
08 41 14.7	−47 21 44	2312		12.0	8.9	265.9	−3.3		W 34-12, CCCS 1272		2
08 41 19.5	−45 10 11	2310		11.0		264.2	−1.9		Wray 97, CCCS 1270		1
08 41 25.2	−34 55 60	2308	14.2	9.9		256.1	4.3	N(Ste)	Ste, Hen 71, CCCS 1268		1
08 41 31.8	−49 49 34	2314			11.0	267.9	−4.8		W 34-12, CCCS 1274		2
08 41 50.0	+07 26 19	2301		10.5		219.1	27.9	R4(San)	D 99(R),Van 36(R5),Ste,CCCS 1260	R	0
08 42 02.8	−55 22 38	2316		11.2		272.4	−8.1	R-N(Ste)	Ste, CCCS 1276		2
08 42 34.0	−47 12 26	2315		10.0	7.9	265.9	−3.0		B-M 90,Wray 99,GV Vel,CCCS 1275	R	1
08 42 58.6	−49 19 08	2319		14.5	11.1	267.6	−4.3		W 34-13, CCCS 1278		2
08 43 13.7	−47 49 09	2320		12.5	9.5	266.5	−3.3		W 34-14, CCCS 1279		2
08 43 35.0	−35 13 09	2318		11.4		256.6	4.5		-34:5184, MacCon79		2
08 43 54.0	−25 36 10	2317		9.0	7.3	249.0	10.4		Hen 72,Fou92,NSV 4225,CCCS 1277	R	2
08 44 10.9	−38 12 44	2321		13.0	9.3	259.0	2.8		W 33-5, CCCS 1280		2
08 44 20.7	−49 55 17	2324		13.0	9.9	268.3	−4.5		W 34-15, CCCS 1283		2
08 44 41.2	−35 42 44	2322	14.5	10.3		257.1	4.4	N(Sndlk)	Wray 101, Sndlk,Hen 75,CCCS 1281		2
08 44 42.7	−48 14 19	2327		13.0	10.0	267.0	−3.4		W 34-16, CCCS 1286		2
08 44 50.9	−32 55 52	2323	13.9	10.3		255.0	6.1	N(Ste)	Wray 102, Ste, Hen 74, CCCS 1282	R	1
08 45 01.1	−48 26 27	2328		10.0	11.1	267.2	−3.5		W 34-17, CCCS 1287		2
08 45 05.5	−37 44 55	2325		16.0	8.6	258.8	3.2		W 33-6, CCCS 1284		2
08 45 22.4	+03 27 12	6306		15.1	10.0J	223.5	26.8	C 6,4(CWWV96)	Gug93, CWWVS, CWWV96		i
08 45 22.7	−49 33 24	2330		15.5	9.7	268.1	−4.1		W 34-18, CCCS 1289		2
08 45 30.7	−28 12 03	2326	13.0	9.0	7.6	251.3	9.1	R(Sto)	Wray 103, R Pyx, CCCS 1285	*R	0
08 45 47.1	−47 18 27	2332		10.0	9.2	266.3	−2.7		B-M 91, W 34-19, CCCS 1291	R	1
08 45 49.3	−47 26 44	2333		11.0	8.3	266.5	−2.7		W 34-20, CCCS 1292		2
08 46 05.6	−27 45 52	2329		12.4	5.3J	251.0	9.5	C e(Wray)	Wray 105,Fou92,NSV 4243,CCCS 1288		1
08 46 09.1	−54 29 45	2337		11.1		272.0	−7.1	N:(Ste)	Wray 106, Ste, CCCS 1296		1

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08 46 11.7	+74 32 31	2282		9.5		139.2	33.6	R0(Van)	+75:348, Van 35, CCCS 1242	R	0
08 46 19.5	−48 12 29	2335		13.0	10.2	267.1	−3.1		W 34-21, CCCS 1294		2
08 46 34.2	−45 38 31	2336		14.5	10.3	265.1	−1.5		W 35-3, CCCS 1295		2
08 46 36.3	−29 43 41	2331	9.5	7.6	5.0	252.6	8.4	R7(Sh)	-29:6735, 75021(R8), UZ Pyx	R	0
08 46 36.7	−49 26 56	2338			11.2	268.1	−3.9		W 34-22, CCCS 1297		2
08 46 40.7	−44 07 46	6307				264.0	−0.6		MacCon2000		0
08 46 55.7	−47 30 06	2340		11.7		266.6	−2.6		Wray 107, CCCS 1298		1
08 47 00.2	−34 18 59	2334	12.7	9.9	5.8J	256.3	5.6	N(Ste)	-33:5429, Ste, UW Pyx, CCCS 1293	R	0
08 47 00.6	−46 24 28	2341		12.0	9.3	265.8	−1.9		B-M 92, W 35-4, CCCS 1299		2
08 47 10.8	−44 58 34	2342		15.5	10.4	264.7	−1.0		W 35-5, CCCS 1300		2
08 47 15.8	−38 44 16	2339			9.2J	259.8	2.9		Lit 65,Epc90-82		1
08 47 16.4	−40 19 23	6308				261.1	1.9		MacCon2000		0
08 47 29.5	−43 41 20	6309				263.7	−0.2		MacCon2000		0
08 47 32.4	−39 38 40	6310				260.6	2.4		MacCon2000		0
08 47 38.8	−49 17 50	2343		13.0	9.0	268.1	−3.7		W 34-23, CCCS 1301		2
08 47 50.8	−47 31 51	2344			11.8	266.7	−2.5		W 34-24, CCCS 1302		2
08 48 22.0	−57 21 29	2349			8.0J	274.5	−8.6		Lit 66, Epc90-84		1
08 48 25.3	−44 40 18	2346		15.0	10.8	264.6	−0.7		W 35-6, CCCS 1304		2
08 48 31.4	−37 30 53	2345		11.9		259.0	3.9		Wray 109,Sndlk,CCCS 1303		0
08 48 43.6	−45 53 47	6311			12.0J	265.6	−1.4	c	Epc90-83		i
08 48 44.7	−46 58 08	2347		11.5	8.8	266.4	−2.1		B-M 93, Wray 110(CE), CCCS 1305	R	1
08 49 09.6	−43 40 55	2348			11.0	263.9	0.1		W 35-7,MacCon2000,CCCS 1306		0
08 49 11.3	−56 15 52	2352	12.4	12.1:		273.7	−7.8	R(Ste)	Ste, CCCS 1310		2
08 49 11.3	−07 21 50	6312			14.2r	234.2	22.0	R(GAA98)	GAA98		2
08 49 53.7	−40 11 52	2350		11.0		261.3	2.4		Wray 111, CCCS 1308		1
08 50 06.2	−46 19 36	2354			10.7	266.0	−1.5		W 38-1, CCCS 1312		2
08 50 27.1	−47 44 32	2355		15.5	10.8	267.2	−2.3		W 34-26, CCCS 1313		2
08 50 28.7	−28 44 11	2351		10.0		252.4	9.7		Hen 79, Ste, MacCon, CCCS 1309	R	2
08 50 32.9	−48 50 09	2357		13.0	10.9	268.0	−3.0		W 34-27, CCCS 1315		2
08 50 36.9	−36 04 07	2353	13.8	10.8		258.2	5.1		Wray 112, Sto IV-49(R),CCCS 1311	R	1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
08 50 40.8	−47 03 10	2358		13.5	11.3	266.7	−1.9		W 38-2, CCCS 1316		2
08 50 43.7	−39 51 13	6313				261.1	2.7		MacCon2000		0
08 50 48.3	−46 54 46	2361		12.0	9.0	266.6	−1.7		W 38-3, CCCS 1319		2
08 50 49.2	−42 50 22	2356		13.5	11.1	263.4	0.8		W 34-28, CCCS 1314		2
08 50 52.2	−44 41 10	2359		14.5	11.8	264.9	−0.3		W 35-8, CCCS 1317		2
08 51 00.3	−48 16 42	2363			11.2	267.7	−2.6		W 34-29, CCCS 1322		2
08 51 05.5	−52 53 19	6314			9.5J	271.2	−5.5	c	Gug93		i
08 51 05.8	−49 52 11	2364		10.6	7.0	268.9	−3.6		Wray 115, W 37-1, CCCS 1323	R	1
08 51 06.6	−41 41 13	2362		11.7	8.8	262.6	1.6		B-M 94, W 36-1, Sndlk, CCCS 1320		0
08 51 10.8	−48 55 31	2366			11.3	268.2	−3.0		W 34-30, CCCS 1325		2
08 51 17.7	−36 22 08	2360	14.1	11.5:		258.5	5.0		Sto IV-54(R), Sndlk(N),CCCS 1318	R	1
08 51 24.9	−44 49 14	2365		14.5	9.8	265.0	−0.3		W 35-9, CCCS 1324		2
08 51 52.2	−37 48 12	2367		11.5		259.7	4.2	R:(Sndlk)	Sndlk,MacCon2000,CCCS 1326		0
08 51 59.1	−53 10 34	2371		12.1		271.5	−5.6	N:(Ste)	Ste, CCCS 1331		2
08 52 12.6	−40 29 01	2368		13.5	11.0	261.8	2.5		W 36-2,MacCon2000, CCCS 1327		0
08 52 17.6	−47 48 50	2370			11.5	267.4	−2.1		W 38-4, IRC -10236, CCCS 1330		2
08 52 20.4	−40 44 06	6315				262.0	2.4		MacCon2000		0
08 52 41.3	−30 52 31	2369	14.0	10.8		254.4	8.7	R(Sto)	-30:6923, Wray 117, CCCS 1329	R	1
08 52 45.7	−50 23 12	2375		16.0	11.9	269.5	−3.7		W 37-2, CCCS 1335		2
08 52 55.0	−46 58 24	2373		10.0	9.5	266.9	−1.5		B-M 95, W 38-5, CCCS 1333		2
08 52 57.7	−48 39 31	2376		16.0	11.0	268.2	−2.6		W 34-31, CCCS 1336		2
08 52 57.9	−45 18 54	2372		16.0	11.7	265.6	−0.4		W 35-10, CCCS 1332		2
08 52 58.4	−47 08 54	2374		12.0	9.2	267.0	−1.6		W 38-6, CCCS 1334		2
08 53 18.3	−46 23 08	2379		12.0	9.2	266.4	−1.1		W 38-7, CCCS 1339		2
08 53 28.3	−45 12 46	6316			13.7J	265.6	−0.3	c	Gug93		i
08 53 31.0	−47 35 28	2380		12.5	9.3	267.4	−1.8		W 38-8, CCCS 1340		2
08 53 35.7	−37 32 42	2377		11.8		259.7	4.6		Sndlk,MacCon2000,CCCS 1337		0
08 53 53.4	−47 15 42	2381		13.0	9.0	267.2	−1.6		W 38-9, CCCS 1341		2
08 54 05.1	−45 39 55	2382		10.3		266.0	−0.5		Wray 118, CCCS 1342		1
08 54 11.1	−50 55 15	2386			11.3	270.0	−3.9		W 37-3, CCCS 1346		2

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08 54 28.8	−45 12 47	2385			11.7	265.7	−0.2		W 35-11, CCCS 1345		2
08 55 01.0	−43 05 37	2387		14.0	10.0	264.1	1.3		W 39-1,MacCon2000,CCCS 1347		0
08 55 01.1	−51 07 17	2390			14.0J	270.3	−3.9		Lit 67, Epc90-85		1
08 55 11.3	−47 35 56	2389			12.1H	267.6	−1.6		Lit 68, Epc90-86		1
08 55 22.9	+17 13 53	2378	9.3	6.1	3.9	210.2	34.9	N3(Sh)	76221(Nb), X Cnc, CCCS 1338	R	0
08 55 39.8	−38 35 47	6317				260.8	4.3		MacCon2000		0
08 55 48.5	−39 50 09	2392		11.5		261.7	3.5	N:(Sndlk)	Wray 119,Sndlk,Hen 82, CCCS 1350	R	0
08 55 54.1	−37 10 07	2391	13.8			259.7	5.2	R(Sto)	Sto IV-55, Sndlk(R), CCCS 1349		1
08 56 12.4	−41 22 25	2388		13.0	9.2	262.9	2.6		W 36-3,MacCon2000,CCCS 1348		0
08 56 15.6	−44 43 18	6318				265.5	0.4	IRAS C	VKL92		i
08 56 16.2	−51 08 04	2395			10.0	270.4	−3.8		W 37-4, CCCS 1353		2
08 56 26.4	−32 15 59	2393	14.3			256.0	8.5	R(Sto)	Sto IV-39, CCCS 1351		1
08 56 37.9	−29 16 45	2394	13.2			253.7	10.4	R(Sto)	Sto IV-23, CCCS 1352		1
08 56 40.1	+19 50 57	2384		7.6	5.9	207.3	36.1	N(Ste);C5,5(Yam)	D 101(N), T Cnc, CCCS 1344	R	0
08 56 60.0	−57 28 46	2399			9.7J	275.3	−7.8	IRAS C;c(Epc90)	Lit 69,Epc90-87		1
08 57 25.8	+17 20 51	6319			19.9r	210.3	35.4	N(GOL97)	Cut89,Joy98,Tot98		2
08 57 31.6	−50 42 54	2398		14.0	10.4	270.2	−3.3		W 37-5, CCCS 1357		2
08 57 33.0	−56 34 24	2401		11.8		274.7	−7.1		Ste, CCCS 1359		2
08 57 47.3	−42 24 26	2397		15.0	10.0	263.9	2.1		W 39-2,MacCon2000,CCCS 1355		0
08 57 58.9	+51 25 49	2383		8.8		167.1	40.4	R4(San)	+51:1462, 76396(R5), CCCS 1343	R	0
08 58 13.1	−62 09 43	2403		11.0		279.1	−10.7		Wray 122, CCCS 1361		1
08 58 29.9	−57 15 55	2402	13.6			275.3	−7.5	R(Sto)	Sto III-24, Ste(R), CCCS 1360		1
08 58 51.4	−29 22 32	2400	13.2	9.0		254.1	10.7	R(Sto)	-28:6788, Sto IV-24, CCCS 1358	R	1
08 58 52.0	−60 47 41	2406		11.4		278.1	−9.7	C4,5J(LE90)	MacCon79	R	2
08 59 19.7	−53 25 24	2405		16.0	11.4	272.4	−4.9		W 40-1, CCCS 1363		2
08 59 31.5	−40 40 15	6320				262.8	3.5		MacCon2000		0
08 59 46.9	−50 54 44	2407		14.5	10.2	270.6	−3.2		W 37-6, CCCS 1364		2
08 59 48.9	+33 46 27	2396		9.4		190.3	40.3	R1(San)	+34:1929, 76846(R0), CCCS 1354	R	0
09 00 57.5	−50 24 51	2411			11.4	270.3	−2.7		W 37-7, CCCS 1367		2
09 01 08.0	−43 29 27	2409		16.0	11.0	265.1	1.9		W 39-4, CCCS 1366		2

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
09 01 09.7	−42 12 04	2408		12.5	9.2	264.2	2.7		W 39-3,MacCon2000,CCCS 1365		0
09 01 32.5	−35 49 16	2410		11.4		259.4	7.0	Ce(MacCon79)	-35:5280, MacCon79		2
09 01 39.6	−51 12 44	2412			11.8	271.0	−3.2		W 40-2, CCCS 1368		2
09 02 04.5	−46 32 15	2413		12.0	8.9	267.5	−0.0		W 38-10, CCCS 1369		2
09 02 18.8	−53 41 12	2414		10.8	8.8	272.9	−4.7		W 40-3, Ste, CCCS 1370		1
09 02 47.0	−51 15 57	2415		12.5	9.4	271.2	−3.1		W 40-4, CCCS 1371		2
09 03 06.4	−54 45 47	2417	12.7	10.5		273.8	−5.4	N(Ste)	Ste, TW Vel, Hen 84, CCCS 1373	**	2
09 03 15.3	+50 05 39	2404		9.5		168.7	41.3	R5(Sh)	77234(R5), +50:1603, DH UMa	R	0
09 03 28.9	−51 36 31	2419		12.0	11.3	271.5	−3.2		W 40-5, CCCS 1374		2
09 03 29.5	−53 32 13	2420		15.5	11.4	272.9	−4.5		W 40-6, CCCS 1375		2
09 03 37.7	−53 43 26	2422			10.5	273.1	−4.6		W 40-7, CCCS 1376		2
09 03 43.5	−53 07 57	2423			11.8	272.7	−4.2		W 40-8, CCCS 1377		2
09 04 12.8	−52 12 29	2425		15.5	10.2	272.0	−3.5		W 40-9, CCCS 1379		2
09 04 27.9	−50 30 55	2426			12.0	270.8	−2.4		W 37-8, CCCS 1380		2
09 04 43.1	−20 07 42	2416		12.1		247.5	17.6	R(Mayun)	Mayun,MacCon82,Ste(R:),CCCS 1372	R	1
09 04 57.4	−42 07 04	2427		13.0	9.3	264.6	3.3		W 39-5,MacCon2000,CCCS 1381		0
09 04 58.1	−13 01 53	2418				241.6	22.0		-12:2781, BidMac		3
09 05 05.0	−32 06 31	2424	14.3			257.1	9.9	R(Sto)	Sto IV-34, Hen 85, CCCS 1378		1
09 05 17.7	−12 05 55	2421				240.9	22.6		BidMac		3
09 05 24.0	−53 26 55	2430		14.0	10.0	273.1	−4.2		W 40-10, CCCS 1384		2
09 05 38.1	−52 18 56	2431		12.0	9.5	272.2	−3.5		W 40-11, CCCS 1385		2
09 05 44.3	−47 14 54	2429		10.9	7.6	268.5	−0.0		B-M 96, W 41-1, Sndlk, CCCS 1383	R	1
09 06 14.8	−70 46 02	2438	11.9			286.4	−15.5	R(Sto)	Sto III-36, CCCS 1392		1
09 06 16.3	−58 35 48	2432	13.3	9.6		277.0	−7.6	R(Sto)	Wray 125(CE), CCCS 1386	R	2
09 06 47.7	−56 34 20	2434	14.3:	9.5		275.5	−6.2	N(Ste)	Ste, Hen 87, CCCS 1388	R	2
09 06 53.1	−53 22 22	2433		12.0	9.1	273.2	−4.0		W 40-12, CCCS 1387		2
09 07 49.0	−43 42 14	2435		12.5	9.1	266.1	2.6		W 42-1, CCCS 1389		2
09 07 57.1	+21 35 13	2428		10.6		206.3	39.2	R6(San)	78278(R5), D 102(R), CCCS 1382	R	0
09 07 57.7	−44 09 51	2436		15.0	10.2	266.5	2.3		W 42-2, CCCS 1390		2
09 08 25.0	−52 26 30	6321			8.3J	272.6	−3.2	c	Gug93		i

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
09 08 37.2	−53 07 38	2439		11.5	9.1	273.1	−3.7		W 40-13, CCCS 1393		2
09 09 02.4	−51 28 34	2442			12.0	272.0	−2.5		W 40-14, CCCS 1396		2
09 09 06.3	−44 06 03	2437		12.0	9.3	266.6	2.5		W 42-3, CCCS 1391		2
09 09 10.8	−45 17 45	2440	13.0	9.6	6.3	267.5	1.7		Wray 128,W 42-4,Sndlk, CCCS 1394		1
09 09 20.7	−52 53 06	2443		12.0	9.8	273.0	−3.4		W 40-15, CCCS 1397		2
09 09 33.2	−42 09 19	2441		11.7		265.2	3.9		Wray 129, CCCS 1395		1
09 09 37.9	−40 45 15	6322				264.2	4.9		MacCon2000		0
09 09 57.1	−52 09 46	2445		16.0	11.9	272.6	−2.9		W 40-16, CCCS 1399		2
09 10 12.8	−52 15 52	2446	14.2			272.7	−2.9		Sndlk, CCCS 1400		1
09 10 23.6	−36 33 02	2444		11.8		261.1	7.8		Sndlk, CCCS 1398		2
09 10 46.5	−41 28 32	6323				264.8	4.5		MacCon2000		0
09 11 19.5	−52 43 12	2448		16.0	11.2	273.1	−3.1		W 40-17, CCCS 1402		2
09 11 41.6	−41 23 08	2447		11.6		264.9	4.7	N:(Sndlk)	Wray 131, Sndlk, CCCS 1401		1
09 11 41.8	+40 03 41	6324			14.2r	182.2	43.2		AbrGig89b(C:)		3
09 12 54.3	−54 20 16	2453		13.5	11.4	274.5	−4.0		W 45-01, CCCS 1407		2
09 12 60.0	−52 35 10	2452		13.5	10.3	273.2	−2.8		W 40-18, CCCS 1406		2
09 13 16.5	−52 57 60	2456		16.0	11.7	273.5	−3.0		W 40-19, CCCS 1410		2
09 13 19.4	−50 15 46	2455		12.2	9.3	271.6	−1.2		B-M 97, W 44-1, Sndlk, CCCS 1408		2
09 13 31.9	−23 23 32	2450		9.0	6.9	251.5	17.1	Ne(San)	MSB 57, IQ Hya,Ste(Ne),CCCS 1404	R	0
09 13 35.0	−41 47 24	2451	12.9	11.8:		265.4	4.7	R(Sndlk)	Sndlk, CCCS 1405		1
09 13 50.1	+14 12 39	2449		8.9	5.2J	215.8	37.9	R4(Sh)	+14:2048, 79319(R5), GM Cnc	R	0
09 13 54.2	−24 51 28	6325			19	252.8	16.2	c	Epc90-89,Fou92,GJ93,AFGL 5254		i
09 14 07.4	−54 07 21	6326			15.7L	274.4	−3.7	c	Gug93		i
09 14 18.3	−51 42 17	2457			12.0	272.7	−2.1		W 40-20, CCCS 1411		2
09 14 25.9	−24 31 57	2454		9.7		252.6	16.5	N(Ste)	-24:7867, Hen 89, Ste, CCCS 1409		1
09 14 33.5	−31 08 53	6327			5.9J	257.7	12.1	c	Gug93		i
09 14 40.5	−53 48 58	2459		11.5	8.9	274.3	−3.5		Wray 133, W 45-2, Ste, CCCS 1413		1
09 14 51.9	+33 29 00	6328			12.9r	191.3	43.3	C1,1(GreMar90)	SndPes88=CLS 9,Tot98(CH)		2
09 15 16.9	−66 14 10	2463	10.9	9.0		283.5	−11.9	N3(CannMay49)	80255(Nb), RU Car, CCCS 1417	R	0
09 15 34.2	−53 42 38	2461	14.1	10.9	9.0	274.3	−3.3	N:(Ste)	W 45-03, Ste, CCCS 1415		1

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09 15 34.7	−49 57 12	2460		16.0	9.8	271.6	−0.7		B-M 98, W 44-2, CCCS 1414		2
09 16 18.4	−44 04 58	2462		12.0	9.1	267.4	3.5		W 42-5, CCCS 1416		2
09 16 54.3	−53 16 21	2465		13.5	11.5	274.1	−2.9		W 45-4, VB 29072-1, CCCS 1418		2
09 16 57.0	−60 54 19	2470		11.0		279.6	−8.2		Wray 134, CCCS 1424		1
09 17 02.6	−51 15 15	2464		14.5	9.2	272.7	−1.4		W 44-3, CCCS 1419		2
09 17 19.4	−50 00 22	2466			11.4	271.8	−0.5		W 44-4, CCCS 1420		2
09 17 26.6	−50 15 17	2467			9.1	272.0	−0.7		W 44-5, CCCS 1421		2
09 17 31.2	−50 05 48	2469		15.5	11.2	271.9	−0.6		W 44-6, CCCS 1423		2
09 17 47.4	−44 41 04	2468		11.2:	7.8	268.1	3.2		W 42-6, Sndlk, CCCS 1422		2
09 17 52.8	−54 40 09	2472		11.5	10.1	275.2	−3.7		W 45-5, CCCS 1426		2
09 18 01.7	−54 02 25	2473		10.6	7.0	274.8	−3.3	N(Ste)	W 45-6, Ste, CCCS 1427		1
09 18 05.1	−53 36 29	2474			9.8J	274.5	−3.0		VB 29072-3, Aar89		1
09 18 07.2	−44 26 11	6329			8.4J	267.9	3.5	c	Gug93		i
09 18 08.2	−03 39 57	6330			12.2r	235.3	30.1	CH(Tot98)	Tot98		2
09 18 10.8	−53 05 58	2475		13.0	11.3	274.1	−2.6		W 45-7, CCCS 1428		2
09 18 24.4	+51 24 08	2458		8.6		166.5	43.5	N5(Balz56)	D 296(N), RT UMa, CCCS 1412	R	1
09 18 24.8	−41 04 02	2471		10.5		265.5	5.8	R:(Sndlk)	Sndlk, Hen 91, CCCS 1425		1
09 19 17.0	−52 00 25	2476			10.4J	273.5	−1.7		Lit 70, Epc90-91		1
09 19 21.4	−56 08 58	6331				276.4	−4.6	IRAS C	VKL92		i
09 19 27.4	−53 16 02	2477		14.0	11.2	274.4	−2.6		W 45-8, VB 29072-6, CCCS 1429		2
09 19 42.6	−50 25 54	2478		14.0	9.4	272.4	−0.6		W 44-7, VB 29072-4, CCCS 1430		2
09 19 48.1	−53 58 07	2481		12.5	11.2	274.9	−3.0		W 45-9, CCCS 1432		2
09 19 49.0	−51 49 07	2479				273.4	−1.5		VB 29072-5, Aar89		1
09 20 09.3	−47 22 20	2480		11.7	8.6	270.3	1.6		B-M 99, Wray 135, CCCS 1431	R	1
09 20 11.7	−52 29 07	2482				273.9	−2.0		VB 29072-7		2
09 20 24.0	−53 28 59	2484		14.0	11.2	274.6	−2.6		W 45-10, VB 29072-8, CCCS 1434		2
09 20 30.7	−54 09 05	2486		12.5	11.0	275.1	−3.1		W 45-11, CCCS 1436		2
09 20 42.9	−53 39 34	2487			9.4J	274.8	−2.7		VB 29072-10, Aar89		1
09 20 43.3	−47 14 13	2483		11.6	8.9	270.2	1.8		B-M 100, W 43-2, Sndlk,CCCS 1433		2
09 20 54.4	−47 01 38	2485	13.4	8.9	7.0	270.1	2.0	N(Sndlk)	B-M 101, W 43-3,Sndlk, CCCS 1435	R	1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
09 21 04.1	−55 03 33	2488			11.9	275.8	−3.7		W 45-12, CCCS 1437		2
09 21 35.1	−53 15 02	2490			10.9J	274.6	−2.3		VB 29072-12, Aar89		1
09 21 35.8	−53 33 10	2491			9.5J	274.8	−2.6		VB 29072-13, Aar89		1
09 21 42.1	−50 09 59	2489			11.6	272.4	−0.1		W 44-8, VB 29072-9, CCCS 1438		2
09 21 47.0	−57 49 33	2494	14.5	10.0		277.8	−5.6		Ste, Hen 93, CCCS 1441		2
09 21 57.9	−54 18 56	2493		16.0	11.6	275.4	−3.1		W 45-13, CCCS 1440		2
09 22 14.6	−52 37 25	2495		14.0	11.2	274.2	−1.8		W 45-14, VB 29072-15, CCCS 1442		2
09 22 21.8	−45 30 44	2492		14.5	11.1	269.2	3.2		W 43-4, CCCS 1439		2
09 22 26.2	−52 01 02	2496			10.3	273.8	−1.4		B-M 102, CCCS 1444		3
09 22 31.2	−50 48 58	2497			11.0	273.0	−0.5		W 44-9, VB 29072-11, CCCS 1443		2
09 23 07.7	−49 45 01	2498			8.7J	272.3	0.3		VB 29072-14, Aar89		1
09 23 34.9	−55 13 53	2500		12.5	10.0	276.2	−3.5		W 48-1, CCCS 1446		2
09 23 44.7	−45 24 34	2499		12.5	9.8	269.3	3.5		W 43-5, CCCS 1445		2
09 23 53.4	−57 04 25	2501		13.0	10.0	277.5	−4.8		W 48-2, CCCS 1447		2
09 24 23.2	−79 43 35	2531	14.1			294.3	−20.5	R(Sto)	Sto I-40, CCCS 1473		1
09 24 27.2	−50 41 39	2502	13.8	10.9	8.2	273.1	−0.2		B-M 103, Wray 137, CCCS 1448	R	1
09 25 28.5	−51 56 14	2503		15.5	10.0	274.1	−1.0		W 47-1, VB 29072-18, CCCS 1449		2
09 25 33.2	−51 15 39	2504		14.5	11.0	273.6	−0.5		W 44-11, VB 29072-17, CCCS 1450		2
09 25 56.8	−47 39 40	2505		16.0	11.3	271.2	2.1		W 46-1, CCCS 1451		2
09 26 02.9	−53 22 30	2507		14.0	11.2	275.1	−2.0		W 45-15, VB 29072-20, CCCS 1453		2
09 26 18.3	−52 06 01	2508			9.5J	274.3	−1.0		VB 29072-19, Aar89		1
09 26 23.1	−54 40 20	2511			11.5	276.1	−2.9		W 48-3, CCCS 1454		2
09 26 25.4	−53 37 22	2510				275.4	−2.1		VB 29072-23		2
09 26 34.6	−50 53 49	2509				273.5	−0.1		VB 29072-28		2
09 26 43.4	−53 28 45	2514		12.5	9.3	275.3	−2.0		W 45-16, Ste, CCCS 1457	R	2
09 26 44.6	−49 22 45	2512			11.6	272.4	1.0		W 46-2, CCCS 1455		2
09 26 51.9	−34 02 07	2506	14.1			261.7	12.0	R(Sto)	Sto IV-46, CCCS 1452		1
09 26 52.1	−58 03 11	2518		10.0		278.5	−5.2		Hen 96, CCCS 1461		2
09 26 54.9	−51 36 46	2515		11.1	7.8	274.0	−0.6		B-M 104, W 47-2,Sndlk, CCCS 1458	R	2
09 27 00.7	−52 25 59	2516		15.0	9.3	274.6	−1.2		W 47-3, CCCS 1459		2

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09 27 19.9	−49 49 54	2517		16.0	10.0	272.8	0.7		W 46-3, VB 29072-22, CCCS 1460		2
09 27 28.1	−50 14 40	2519			11.3	273.1	0.4		W 44-12, VB 29072-24, CCCS 1462		2
09 27 29.0	−37 17 02	2513	12.5			264.1	9.8	R(Sto)	Sto IV-56, CCCS 1456		1
09 28 16.3	−49 58 08	2521		13.0	9.4	273.0	0.7		B-M 105, W 44-13, CCCS 1464	R	2
09 28 28.2	−35 49 42	2520	10.5			263.2	10.9	R(May51)	May51, Sto IV-50(R), CCCS 1463	R	1
09 28 29.9	−51 54 22	2523		12.0	9.5	274.4	−0.6		W 47-4, VB 29072-27, CCCS 1466		2
09 28 41.2	−55 00 21	2525			12.1	276.6	−2.9		W 48-4, CCCS 1468		2
09 28 50.2	−50 54 05	2524		8.5	3.8J	273.7	0.1		-50:4189,Sndlk,Hen 98, CCCS 1467		2
09 28 51.6	−40 45 20	2522	13.6	11.7		266.7	7.5		Wray 138, Sto IV-68(R),CCCS 1465	R	1
09 28 51.9	+78 25 39	6332			12.2r	133.7	34.1	R(AGSh95)	AGSh95		2
09 28 57.1	−51 16 47	2526		12.2	9.4	274.0	−0.1		B-M 106,W 47-5, Sndlk, CCCS 1469	R	2
09 29 19.1	−51 19 35	2527			11.2	274.1	−0.1		W 47-7, VB 29072-30, CCCS 1471		2
09 29 21.3	−53 28 14	2528		12.0	9.0	275.6	−1.7		W 47-6, VB 29072-31, CCCS 1470	R	2
09 29 30.7	−53 25 51	2530				275.6	−1.7		VB 29072-32,Aar89		1
09 29 33.1	−52 18 20	2529		11.0		274.8	−0.8		Wray 139, CCCS 1472		1
09 30 16.2	−54 17 23	2532		15.0	11.0	276.2	−2.2		W 48-5, CCCS 1474		2
09 30 28.6	−53 38 42	2535		13.5	10.2	275.8	−1.7		W 47-9, VB 29072-34, CCCS 1476		2
09 30 34.0	−56 00 07	2536			12.1	277.4	−3.4		W 48-6, CCCS 1477		2
09 30 34.9	−50 09 48	2533		10.5	8.5	273.4	0.8		W 44-14, CCCS 1475		2
09 30 38.6	−50 23 06	2534				273.6	0.7		VB 29072-33		2
09 30 47.1	−58 46 51	2541	13.4	11.0		279.4	−5.4	R(Sto)	Wray 140, Sto III-26, CCCS 1481	R	1
09 30 58.4	−51 14 20	2537			12.0	274.2	0.1		W 47-10, VB 29072-35, CCCS 1478		2
09 31 09.7	−53 41 45	2540		16.0	10.2	275.9	−1.7		W 47-12, VB 29072-38, CCCS 1480		2
09 31 10.6	−51 53 18	2538			11.1	274.7	−0.4		W 47-11, VB 29072-37, CCCS 1479		2
09 31 15.1	−63 23 30	2546		9.6		282.6	−8.7		Wray 141, Hen 99, CCCS 1485	R	1
09 31 18.0	−51 39 51	2539			9.3J	274.5	−0.2		VB 29072-36, Aar89		1
09 31 41.3	−48 25 47	2543		12.5	10.4	272.4	2.2		W 46-5, CCCS 1483		2
09 31 42.2	−48 13 38	2542		11.9	9.6	272.3	2.4		B-M 107, W 46-4,Sndlk, CCCS 1482		2
09 31 52.6	−55 35 07	2545		11.7		277.3	−3.0		Wray 142, CCCS 1484		1
09 31 53.9	−51 35 14	6333				274.6	−0.1		Aar89		1

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09 32 16.6	−51 35 24	2547				274.6	−0.0		VB 29072-39		2
09 32 23.7	−38 44 14	2544		11.4		265.8	9.4		-38:5673, MacCon79		2
09 32 32.3	−51 17 07	2549			10.3J	274.4	0.2		VB 29072-40, Aar89		1
09 32 40.7	−47 28 41	2548		13.5	11.3	271.9	3.0		W 46-6, CCCS 1486		2
09 33 05.1	−41 18 32	2550	12.8	9.9		267.7	7.6	N(Sndlk)	Sto IV-73(R), Sndlk, CCCS 1487	R	1
09 33 28.5	−51 45 36	2552		16.0	9.1	274.9	−0.0		W 47-14, VB 29072-42, CCCS 1489		2
09 33 29.6	−50 34 48	2551			11.6	274.1	0.9		W 47-13, VB 29072-41, CCCS 1488		2
09 33 43.7	−50 26 23	2555			11.8	274.0	1.0		W 47-15, CCCS 1492		2
09 33 44.2	−47 30 28	2553		12.5	9.1	272.0	3.1		W 46-7, CCCS 1490		2
09 34 06.6	−53 10 25	2556	12.1			275.9	−1.0	R0(Sndlk)	Sndlk, CCCS 1493		1
09 34 13.8	−37 41 18	2554		10.0		265.3	10.4		Hen 101, CCCS 1491		2
09 34 14.6	−51 33 20	2557			8.8J	274.8	0.2		VB 29072-43, Aar89		1
09 34 15.3	−55 49 44	2560		16.0	12.2	277.7	−2.9		W 48-7, CCCS 1496		2
09 34 22.6	−51 59 44	2559		12.5	9.5	275.1	−0.1		W 47-16, CCCS 1495		2
09 34 30.8	−48 47 58	2558		11.5	9.4	273.0	2.3		B-M 108, W 46-8,Sndlk, CCCS 1494		2
09 34 52.5	−53 17 06	2564		11.0		276.0	−1.0		Wray 144, CCCS 1500	R	1
09 34 58.5	−50 24 41	2563			11.2	274.1	1.1		W 49-1, CCCS 1499, VB		2
09 35 15.4	−50 12 18	2565		13.5	9.7	274.0	1.3		W 49-2, VB 29072-45, CCCS 1501		2
09 35 18.2	−39 30 06	2561		11.7		266.8	9.2		Wray 145, Hen 102, CCCS 1497		1
09 35 25.5	−53 15 17	2567			8.6J	276.1	−0.9		VB 29072-46, Aar89		1
09 35 26.0	−53 24 56	2569		13.0	9.0	276.2	−1.0		W 47-17, CCCS 1504		2
09 35 29.1	−52 35 10	2568			11.2	275.6	−0.4		W 47-18, VB 29072-47, CCCS 1503		2
09 35 29.4	−48 00 15	2566		11.2	9.3	272.6	3.0		B-M 109, Wray 146, CCCS 1502	R	1
09 35 33.6	−55 44 57	2571		16.0	11.3	277.8	−2.8		W 48-8, CCCS 1506		2
09 35 40.2	−34 15 42	2562	13.2			263.2	13.1	R(Sto)	Sto IV-47, CCCS 1498		1
09 35 43.6	−51 39 57	2570			11.8	275.1	0.3		W 47-19, CCCS 1505		2
09 35 56.5	−52 41 43	2573			11.4	275.8	−0.5		W 47-20, VB 29072-48, CCCS 1507		2
09 36 02.3	−49 37 05	2572				273.7	1.8		VB 29072-46		2
09 37 46.6	−51 40 33	2574				275.3	0.5		VB 29072-50		2
09 37 54.9	−50 41 13	2575		12.0	9.3	274.7	1.2		B-M 110, Wray 149, CCCS 1508	R	1

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09 38 01.6	−51 40 26	6334			10.0J	275.3	0.5		Aar89		1
09 38 10.8	−47 23 33	2576		12. :	10.0	272.5	3.7		Wray 150,W 46-10,Sndlk,CCCS 1509	R	2
09 38 27.0	−47 42 41	2577		11.0	8.7	272.7	3.5		W 46-11, CCCS 1510		2
09 38 27.0	−67 34 40	2588	11.6			286.1	−11.3	N(May51)	May51, Sto III-33(R), CCCS 1518	R	1
09 38 27.6	−53 31 15	2578			9.4J	276.6	−0.8		VB 29072-51, Aar89		2
09 38 51.7	−55 46 20	2581		16.0	11.2	278.1	−2.5		W 48-9, CCCS 1512	R	2
09 38 56.0	−54 45 20	2580		16.0	10.9	277.5	−1.7		W 50-1, CCCS 1511		2
09 39 00.4	−10 21 46	6335			15.9r	245.0	30.2	N(Tot98)	Tot98		2
09 39 12.9	−57 36 04	2582		15.5	11.8	279.4	−3.8		W 51-1, CCCS 1513		2
09 39 37.8	−55 20 17	2585		11.8	9.4	277.9	−2.1	N(Ste)	B-M 111, Wray 151, CCCS 1515	R	1
09 39 38.9	−54 53 30	2584		15.5	10.4	277.6	−1.7		W 50-2, CCCS 1514		2
09 39 47.9	−52 11 06	2583			8.9J	275.9	0.3		VB 29072-52, Aar89		1
09 40 03.4	−57 26 52	2590	13.5	10.3	6.5	279.4	−3.6	N(Ste)	W 51-2, Ste, Hen 103, CCCS 1520	R	1
09 40 10.5	−47 09 02	2587		11.2		272.6	4.1		Sndlk, CCCS 1517		2
09 40 13.7	−17 51 59	2579		12.1		251.6	25.4	N:(Ste)	Ste		1
09 40 20.4	−42 42 04	2586	13.5	11.7		269.6	7.5	R(Sto)	Wray 153, Sto IV-77, CCCS 1516		1
09 40 47.3	−56 52 06	2595		13.0	9.7	279.1	−3.1		W 51-4, CCCS 1524		2
09 40 47.4	−56 37 30	2593		16.0	11.9	278.9	−2.9		W 51-3, CCCS 1523		2
09 40 48.8	−56 59 18	2596		14.0	9.7	279.1	−3.2		W 51-5, CCCS 1526		2
09 40 49.2	−40 13 43	2589		11.0		268.0	9.4		Wray 155, CCCS 1519		1
09 40 52.7	−54 53 24	2592		15.0	9.2	277.8	−1.6		W 50-3, CCCS 1522		2
09 41 08.6	−51 17 55	2594		14.0	11.0	275.4	1.1		W 49-4, VB 29072-53, CCCS 1525		2
09 41 26.3	−53 03 16	6336			13.8H	276.6	−0.2	c	Gug93		i
09 41 29.7	−49 47 38	2597		12.0	10.3	274.5	2.3		W 49-5, VB 29072-55, CCCS 1527		2
09 41 34.7	−53 26 01	2599			9.6J	276.9	−0.4		VB 29072-54,Aar89		1
09 41 53.0	−43 31 23	2598	13.2			270.4	7.1	R(Sto)	Sto IV-79, CCCS 1528		1
09 42 00.6	−08 52 12	2591		12.1		244.3	31.7	R5(may51)	-8:2741, May51, Ste, CCCS 1521	R	1
09 42 05.7	−51 13 12	2600			10.0J	275.5	1.3		VB 29072-56, Aar89		1
09 42 17.5	−49 31 24	2601		12.0	10.0	274.4	2.6		W 49-6, VB 29072-57, CCCS 1529		2
09 42 36.3	−59 47 39	6337			8.6J	281.2	−5.2	c	Fou92		i

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
09 42 44.7	−48 52 56	2602		12.0	9.7	274.0	3.1		W 49-7, CCCS 1530		2
09 42 47.6	+36 17 10	6338			15.5r	187.8	49.3	C1,1(GreMar90)	SndPes88=CLS 14, Tot98(CH)		1
09 43 24.7	−51 30 30	2604			12.3	275.8	1.2		W 49-8, VB 29072-58, CCCS 1532		2
09 43 36.0	−46 44 56	2603	12.1	8.2		272.8	4.8	N(Sndlk)	Sndlk, FK Vel,Hen 104, CCCS 1531	+R	1
09 43 44.9	−54 34 50	2606		14.0	9.1	277.9	−1.1		W 50-4, CCCS 1535		2
09 43 50.2	−51 43 32	2605		13.5	9.7	276.0	1.1		W 52-1, VB 29072-60 CCCS 1534		2
09 43 52.7	−53 23 08	2607			11.3	277.1	−0.2		W 50-5, VB 29072-59, CCCS 1537	R	2
09 44 02.6	−57 18 13	2609	14.1	10.6	7.8	279.7	−3.1	N(Ste)	W 51-6, Ste, Hen 105, CCCS 1538		1
09 44 11.5	−50 48 34	2608		11.5	9.0	275.5	1.8		W 49-9, VB 29072-61, CCCS 1536		2
09 44 26.8	−57 08 18	2612		13.0	11.0	279.6	−3.0		W 51-7, CCCS 1541		2
09 44 41.9	−62 47 33	6339			10.4J	283.3	−7.3	c	Gug93		i
09 44 42.1	−46 43 59	2611	14.2	10.0		272.9	5.0		Wray 159(CE), Sndlk, CCCS 1539	R	1
09 44 46.9	−52 17 25	2613		15.5	12.2	276.5	0.7		W 50-6, VB 29072-62, CCCS 1540		2
09 44 48.6	−43 55 41	2610			9.8J	271.1	7.1		Lit 71, Epc90-95		1
09 44 49.3	−55 40 26	2614		15.0	11.4	278.7	−1.8		W 51-8, CCCS 1543		2
09 45 06.3	−51 47 02	2615		15.0	11.2	276.2	1.2		W 52-2, VB 29072-63, CCCS 1542		2
09 45 18.0	−57 15 04	2617			10.9	279.8	−3.0		W 51-9, CCCS 1545		2
09 45 24.3	−51 22 44	2616		16.0	12.0	276.0	1.5		W 49-10, VB 29072-64, CCCS 1544		2
09 45 55.3	−55 50 43	2620		16.0	11.4	278.9	−1.9		W 51-10, CCCS 1547		2
09 45 56.6	−50 00 47	2618		11.4	9.5	275.2	2.6		B-M 112, Wray 160, CCCS 1546	R	1
09 46 02.2	−58 26 08	2621		15.0	11.3	280.6	−3.8		W 51-11, CCCS 1548		2
09 46 24.1	−56 58 00	2622		10.3	7.7	279.7	−2.7	N(Ste)	B-M 113, W 51-12, Ste, CCCS 1549	R	1
09 46 49.3	−57 25 54	2624		12.0	9.5	280.1	−3.0		W 51-13, CCCS 1551		2
09 47 02.5	−49 43 44	2623			12.0	275.1	2.9		W 49-12, VB 29072-66, CCCS 1550		2
09 47 33.1	−50 35 42	2625		11.0		275.8	2.3		Wray 162, CCCS 1552		1
09 47 45.1	−57 37 58	2628		13.5	10.0	280.3	−3.1		W 51-14, CCCS 1555		2
09 47 55.0	−58 03 11	2629		11.7	8.8	280.6	−3.4		Wray 163, W 51-15,Ste, CCCS 1556		2
09 47 57.3	+13 16 43	2619		12. :	7.5	221.4	45.1	C 5.9(CH96)	CW Leo, IRC +10216	R	1
09 48 03.0	−49 47 26	2627		11.5	8.9	275.3	3.0		W 49-13, Sndlk, CCCS 1553	R	2
09 48 07.3	−58 45 30	2630			12.3	281.0	−3.9		W 54-1, CCCS 1557		2

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09 48 16.0	−72 34 59	2643		10.9		290.1	−14.4		MacCon79		2
09 48 43.3	−50 27 47	2631				275.8	2.5		VB 29072-69,Aar89		1
09 48 47.0	−53 11 19	2632			8.4J	277.6	0.4		VB 29072-67, Aar89		1
09 49 01.7	−58 50 16	2636		15.0	12.1	281.2	−3.9		W 54-2, CCCS 1561		2
09 49 02.6	−51 27 16	2633		11.0		276.5	1.8		Wray 166, CCCS 1558		1
09 49 20.0	−55 47 05	2637			11.5	279.3	−1.5		W 53-1, CCCS 1562		2
09 49 24.3	−50 14 09	2634		12.4		275.8	2.8		Wray 167, CCCS 1559		1
09 49 25.0	−60 28 13	2640		12.5	11.1	282.3	−5.1		W 54-3, CCCS 1565		2
09 49 30.0	−08 59 27	6340			14.2r	245.8	33.0		GAA98		2
09 49 31.7	−59 44 31	2642		14.0	11.5	281.8	−4.6		W 54-4, CCCS 1567		2
09 49 36.7	−52 48 10	2638			11.4	277.4	0.8		W 52-3, VB 29072-70, CCCS 1563		2
09 49 49.4	−62 56 04	2645		11.2		283.9	−7.0	R(Ste)	Ste, CCCS 1569		2
09 49 54.4	−55 28 22	6341			13.1J	279.1	−1.2	c	Gug93		i
09 49 56.3	−51 36 44	2639		15.0	9.7	276.7	1.8		W 52-4, CCCS 1564		2
09 50 31.8	−56 26 34	2646		11.1	9.2	279.8	−1.9	N:(Ste)	B-M 114, Wray 169(CE), CCCS 1570	R	1
09 50 35.7	−42 46 52	6342			9.0J	271.1	8.7	c	Gug93		i
09 50 58.3	−02 01 43	2635	11.0	9.7		239.4	37.7	N(San)	85319(Nb), W Sex, CCCS 1560	R	0
09 51 00.2	−44 08 20	2644		11.0		272.1	7.7		Wray 170, CCCS 1568		1
09 51 03.7	−23 01 02	2641	8.3	6.5	4.2	257.6	23.6	N3(Sh)	85405(Np), Y Hya, CCCS 1566	R	0
09 51 05.4	+52 37 26	2626		9.7		163.0	48.1	R3(San)	85066(R3), D 297(R), CCCS 1554	R	0
09 51 27.7	−51 04 18	6343			11.6H	276.5	2.3	c	Epc90-97		i
09 51 38.5	−52 47 52	2647			12.0	277.6	1.0		W 52-5, CCCS 1571		2
09 52 18.1	−53 53 01	2648		16.0	10.2	278.4	0.2		W 53-2, CCCS 1572		2
09 52 29.9	−75 22 25	2664			7.3J	292.3	−16.4		Lit 73,Epc90-99,Fou92,AFGL 4098		1
09 52 44.4	−53 18 51	2650			11.0	278.1	0.7		W 50-7, CCCS 1574		2
09 52 47.2	−54 14 03	2651		15.0	9.3	278.7	−0.0		W 53-3, CCCS 1575		2
09 52 54.3	−60 00 11	2655		13.0	11.3	282.3	−4.5		W 54-5, CCCS 1578		2
09 53 05.2	−52 46 45	2652		12.4		277.8	1.2		Wray 171, CCCS 1576		1
09 53 06.3	−44 20 19	2649	8.2	13.8:		272.5	7.7	N(Sndlk)	Sndlk, Hen 108, CCCS 1573	R	2
09 53 06.7	−53 38 54	2653			10.9J	278.3	0.5	IRAS C;c(Epc90)	Lit 72, GJBSW, Epc90-98		1

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09 53 10.7	−53 53 17	2654		13.0	9.0	278.5	0.3		W 53-4, CCCS 1577		2
09 53 26.0	−52 30 34	2656	12.0	9.5	7.5	277.7	1.4		B-M 115, FP Vel, CCCS 1579	R	0
09 53 47.2	−50 30 08	2657		10.9	8.6	276.5	3.0		W 52-7, Sndlk, CCCS 1580		1
09 53 57.1	−55 49 57	2659			11.3	279.8	−1.1		W 53-6, CCCS 1582		2
09 53 57.6	−54 55 03	2658		13.5	11.0	279.2	−0.4		W 53-5, CCCS 1581		2
09 54 40.9	−55 20 16	2660			12.5J	279.6	−0.7		Lit 74, Rpc90-100		1
09 54 52.4	−60 35 25	2663			12.1J	282.9	−4.8		Lit 75, Epc90-102		1
09 55 22.9	−49 52 45	2662	10.9	8.5	5.5	276.3	3.7	R(Sndlk)	W 52-8, EE Vel,Sndlk, CCCS 1584	+R	2
09 55 26.1	−41 35 13	2661	10.0	6.5	2.8J	271.1	10.1	N(San)	86111(Nb), X Vel, CCCS 1583	R	0
09 55 36.5	−51 36 10	2666		12.0	8.6	277.4	2.3		Wray 174,W 52-9,Sndlk, CCCS 1586		1
09 55 38.8	−49 57 10	2665		12.5	10.3	276.4	3.6		W 52-10, CCCS 1585		2
09 55 49.8	−49 06 10	2667	13.5	11.5		275.8	4.3	R(Sndlk)	Sndlk, CCCS 1587		2
09 55 50.3	−53 39 59	2668			11.6	278.7	0.7		W 55-1, CCCS 1588		2
09 56 03.0	−53 28 54	2669		13.0	9.0	278.6	0.9		W 52-2, CCCS 1589		2
09 56 31.2	−55 37 13	2671			12.8J	280.0	−0.8		Lit 76, Epc90-103		1
09 56 32.7	−54 16 08	2670		12.0	9.6	279.1	0.3		B-M 116, W 53-7, CCCS 1590		2
09 56 34.3	−58 29 09	2672		16.0	11.9	281.7	−3.0		W 54-6, CCCS 1591		2
09 57 13.0	−58 39 36	2675		15.0	11.7	281.9	−3.1		W 54-7, CCCS 1594		2
09 57 19.0	−47 07 31	2673		12.3		274.8	6.0		Wray 176, Sndlk, CCCS 1592		1
09 57 35.8	−48 13 46	2674		11.8:		275.5	5.2		Sndlk, CCCS 1593		2
09 57 59.2	−59 12 40	2679		14.5	11.7	282.3	−3.5		W 54-8, CCCS 1598		2
09 58 10.3	−50 58 09	2676		11.5	9.0	277.3	3.1		W 52-12, CCCS 1595		2
09 58 12.8	−52 28 10	2677		12.0	9.1	278.2	1.9		W 52-11, CCCS 1596		2
09 58 40.5	−45 28 40	2678	13.5			274.0	7.5	R0:(Sndlk)	Sto IV-87(R), Sndlk, CCCS 1597		1
09 58 49.2	−59 08 31	2681		11.0	8.7	282.4	−3.3		W 54-9, CCCS 1600		2
09 58 58.7	−54 28 01	2680		16.0	12.0	279.5	0.4		W 53-8, CCCS 1599		2
09 59 02.0	−72 12 28	2688	11.7			290.5	−13.6	R(May51)	May51, Sto I-22(R), CCCS 1606	R	1
09 59 17.1	−56 04 15	2683		12.0	8.9	280.5	−0.9		B-M 117, W 53-9, CCCS 1602		2
09 59 17.4	−54 01 03	2682	12.5	9.2		279.3	0.8		W 55-3, CCCS 1601		2
09 59 35.4	−53 46 16	2684		14.0	9.5	279.2	1.0		W 55-4, CCCS 1603		2

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
09 59 51.6	−60 13 05	2685	10.0	7.5	3.1J	283.1	−4.1	N3(CannMay49)	86396(Nb),Epc90,SZ Car,CCCS 1604	R	1
10 00 08.7	−62 05 17	6344			11.2H	313.1	−54.0	c	Gug93		i
10 00 30.3	−58 45 21	2687		15.0	12.0	315.1	−57.2		W 54-10, CCCS 1605		2
10 00 39.8	−51 11 26	2686			15.0J	321.3	−64.1		Lit 77, Epc90-106		1
10 02 08.1	−60 00 58	2690		15.5	11.3	313.9	−56.0		W 54-11, CCCS 1608	R	2
10 02 11.4	−46 56 17	6345			7.9J	325.7	−67.9	c	Epc90-108		i
10 02 34.2	−51 55 23	2689		15.0	10.0	320.0	−63.6		W 55-5, CCCS 1607		2
10 03 01.5	−63 10 35	6346				312.0	−53.1		MacCon2000		0
10 03 28.9	−62 10 35	2691		11.5:		312.4	−54.1	N(Ste)	Ste, CCCS 1610		1
10 03 57.7	−60 00 37	2692		10.7	8.7	313.6	−56.1	R(Ste)	Ste,W 54-12,MacCon2000,CCCS 1612	R	0
10 03 59.9	−69 26 51	2697	12.7			309.0	−47.1	N(Sto)	Sto III-35, CCCS 1617		1
10 04 19.5	−59 04 00	6347				314.0	−57.0		MacCon2000		0
10 04 22.7	−53 31 28	2693		12.7	9.1	318.0	−62.2		B-M 118, W 55-6,Sndlk, CCCS 1613		1
10 04 39.1	−51 11 14	6348			8.7J	320.0	−64.4	c	Gug93		i
10 04 42.8	−54 52 55	2695		13.2	8.9	316.8	−61.0		W 53-11, Ste, CCCS 1615		2
10 05 02.1	−41 58 20	2694		10.3		332.5	−72.4		Wray 181, CCCS 1614		1
10 05 04.7	−54 32 16	2696		15.5	10.5	317.0	−61.3		W 53-12, CCCS 1616		2
10 05 33.9	−51 19 06	2698		12.0	9.4	319.6	−64.3		W 55-7, CCCS 1618		2
10 05 46.0	−52 41 13	2699		14.0	9.4	318.3	−63.1		W 55-8, CCCS 1619		2
10 06 13.9	−54 08 57	2701	13.3	10.3	7.0	317.0	−61.7	N(May51)	May51, B-M 119, CCCS 1621	R	1
10 06 25.0	−42 13 57	2700		12.4		331.4	−72.3		Wray 184, CCCS 1620		1
10 06 50.8	−58 27 12	2702		12.5	9.1	313.9	−57.7		W 54-13, CCCS 1622		2
10 06 57.1	−59 21 24	2703			12.2	313.3	−56.9		W 54-14,MacCon2000,CCCS 1623		0
10 08 10.6	−49 55 12	2704		12.1:		320.0	−65.7		Sndlk, CCCS 1624		2
10 08 18.7	−63 56 04	2707			7.8J	310.7	−52.5		Lit 78, Epc90-109		1
10 08 59.2	−36 54 49	2705		11.4		342.8	−76.7		MacCon79(Ce)	R	2
10 08 59.4	−52 32 29	2706		11.8	8.0	317.4	−63.4		W 55-10, Sndlk, CCCS 1625		2
10 09 31.7	−62 56 10	6349				310.9	−53.5		MacCon2000		0
10 09 38.5	−54 39 23	2708		15.0	9.2	315.6	−61.4		W 55-11, CCCS 1626		2
10 10 03.9	−53 01 30	2709		11.0	9.1	316.7	−63.0		W 55-12, CCCS 1627		2

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
10 10 12.2	−56 28 08	2710			8.6J	314.2	−59.7		Lit 79, Epc90-110		1
10 10 13.0	−60 40 41	2711		13.0	11.0	311.9	−55.7		W 57-1,MacCon2000,CCCS 1628		0
10 10 13.2	−59 22 52	6350				312.6	−57.0		MacCon2000		0
10 10 14.9	−61 14 25	6351				311.6	−55.2		MacCon2000		0
10 10 32.2	−60 36 54	2712		14.0	10.8	311.8	−55.8		W 57-2,MacCon2000,CCCS 1629		0
10 11 26.7	−55 00 36	2714		14.0	10.2	314.9	−61.2		W 58-1, CCCS 1631		2
10 11 34.4	−57 57 45	6352			10.8H	313.0	−58.4	c	Epc90-111		i
10 11 53.8	−35 19 29	2713	10.0	6.8		346.3	−78.2	N(San)	88539(Na), AB Ant, CCCS 1630	R	0
10 12 04.2	−49 44 54	2716	13.2	8.2:		318.8	−66.2	N:(Sndlk)	-49:5042f, Sndlk, CCCS 1634	R	1
10 12 20.8	−60 35 33	2717		12.5	10.8	311.5	−55.9		W 57-3,MacCon2000,CCCS 1635		0
10 12 39.9	−60 13 30	2720		11.0	8.9	311.6	−56.2		W 57-4,Hen 116,MacCon2000	R	0
10 12 47.3	−61 19 57	2721		12.5	8.9	311.0	−55.2		W 57-5,MacCon2000,CCCS 1638		0
10 13 10.4	−46 46 06	6353			11.0J	321.4	−69.0	c	Gug93		i
10 13 27.4	−43 48 58	2718		11.0		325.1	−71.6		Wray 191, CCCS 1636		1
10 13 47.4	−54 41 52	2722			9.8	314.4	−61.6		W 58-2, CCCS 1639		2
10 14 17.2	−60 33 37	2725		13.0	11.0	311.1	−56.0		W 57-6,MacCon2000,CCCS 1642		0
10 14 29.1	−60 43 26	2726	13.6	10.5	7.6	311.0	−55.8	N:(Ste)	W 57-7, AM Car, Ste, CCCS 1643	*R	1
10 14 49.9	−32 54 24	2723		9.0		354.6	−80.2		-32:7173, Hen 117, CCCS 1640		2
10 15 02.4	−55 38 03	2727		14.0	9.2	313.5	−60.7		W 58-3, CCCS 1644		2
10 15 27.0	−57 58 11	2729		13.5	9.9	312.1	−58.5		BM 120,W 56-1,MacCon2000,CCCS 1646		0
10 15 28.2	−54 01 56	2728		12.6:		314.3	−62.3	N(Ste)	Ste, CCCS 1645		2
10 15 50.0	−60 59 05	2731		15.0	11.0	310.6	−55.6		W 57-8,MacCon2000,CCCS 1648		0
10 16 02.3	+30 34 19	2724		12.8	9.4	114.0	−31.7		Pes67,RW LMi,CCCS 1641,AFGL 1403	R	1
10 16 13.0	−61 01 39	2734		10.0	5.5	310.5	−55.6	N(Ste)	W 57-9, Ste, Hen 119, CCCS 1651		1
10 16 22.4	−54 59 32	2732		13.5	9.8	313.5	−61.4		W 58-4, CCCS 1649		2
10 16 43.2	−59 34 51	2735		11.1	9.1	311.0	−57.0	R(Ste)	B-M 121, W 57-10, Ste, CCCS 1652	R	0
10 16 49.0	−59 46 58	2736			12.0	310.9	−56.8		W 57-11, CCCS 1653		2
10 16 51.8	−60 23 47	6354				310.6	−56.2		MacCon2000		0
10 16 52.2	−43 17 17	2733		11.7		324.1	−72.4		Wray 195, CCCS 1650		1
10 16 56.0	−62 46 12	6355				309.6	−53.9		MacCon2000		0

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
10 17 00.7	−14 38 48	2730		12.1	7.8	88.5	−75.2		IY Hya, Ste(Cr),HanBl,IRC -10236	R	1
10 17 03.4	−60 59 11	2740		16.0	11.4	310.3	−55.6		W 57-12,MacCon2000,CCCS 1657		0
10 17 08.6	−55 06 41	2737		15.5	11.2	313.2	−61.3		W 58-5, CCCS 1654		2
10 17 27.8	−50 05 50	2738	13.4	8.0	3.7J	316.5	−66.1	N(Ste)	-49:5125, Ste, XZ Vel, CCCS 1655	R	1
10 17 30.6	−70 30 10	2744	12.4			307.0	−46.4	R(May51)	May51, Sto III-38(R), CCCS 1661		1
10 17 36.6	+77 06 44	2715		10.8		121.0	14.4	R6(San)	88627(R5), D 298(R), CCCS 1632	R	0
10 17 37.4	−61 18 25	2741		12.5	8.5	310.1	−55.4		W 57-16, CCCS 1658		2
10 17 50.9	+73 25 12	2719	17.3:	11.5	10.1r	120.5	10.7	N(BC,Ste,Tot98)	BC 56, Ste, DH Dra	R	1
10 17 52.3	−61 29 15	2742		14.0	8.8	309.9	−55.2		W 57-13,MacCon2000,CCCS 1659		0
10 18 00.1	−32 54 07	2739	15.0			352.3	−80.7	R(Sto)	Sto IV-40, CCCS 1656		1
10 18 10.6	−62 13 41	6356				309.6	−54.5		MacCon2000		0
10 18 11.0	−60 18 56	6357				310.4	−56.3		MacCon2000		0
10 18 22.2	−59 39 36	2743			11.2	310.6	−57.0		W 57-14,MacCon2000,CCCS 1660		0
10 18 23.4	−61 40 59	6358				309.8	−55.0		MacCon2000		0
10 18 50.3	−62 21 02	6359	18.6	14.6	14.4r	309.4	−54.4	C4,4 J(LE91)	LE91,MacCon2000		0
10 18 51.0	+35 25 21	6360			14.5r	115.5	−27.0		SndPes88=CLS 23, MSGAL85		1
10 19 17.7	−60 12 52	2745			10.5	310.2	−56.5		W 57-15,MacCon2000,CCCS 1662		0
10 19 34.9	−61 18 01	2746		11.5:		309.7	−55.4	R:(Ste)	Ste, CCCS 1663		1
10 19 47.2	−61 41 40	2747			11.0	309.5	−55.0		W 57-17,MacCon2000,CCCS 1664		0
10 20 17.6	−57 44 59	2748		13.0	9.0	311.0	−58.9		W 56-2,MacCon2000,CCCS 1665		0
10 20 25.8	−59 13 22	2750			11.3	310.3	−57.5		W 57-18,MacCon2000,CCCS 1667		0
10 20 34.2	−59 09 21	6361				310.3	−57.5		MacCon2000		0
10 20 35.0	−54 48 60	2749		11.4	8.0	312.3	−61.7		W 58-6, Ste, CCCS 1666		2
10 20 53.9	−62 18 34	6362				309.0	−54.5		MacCon2000		0
10 21 12.4	−52 59 14	2751	11.9	11.0:		313.2	−63.5	R(May51)	-52:3727, May51, CCCS 1668	R	1
10 21 31.7	−60 47 42	2753		16.0	11.2	309.4	−56.0		W 57-19,MacCon2000,CCCS 1670		0
10 21 43.5	−58 16 28	6363			10.4J	310.4	−58.4	c	Epc90-113		i
10 21 56.5	−53 57 05	2752		13.5	9.5	312.4	−62.6		W 58-7, CCCS 1669		2
10 22 14.7	−11 51 38	6364			12.5r	97.4	−73.3	N(Tot98)	Tot98		2
10 23 04.5	−61 34 54	2754			10.0	308.8	−55.2		W 60-1,MacCon2000,CCCS 1672		0

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
10 23 17.4	−59 36 28	2755		16.0	11.5	309.5	−57.2		W 57-20, CCCS 1673		2
10 23 34.6	−60 48 08	6365				309.0	−56.0		MacCon2000		0
10 23 49.7	−59 13 54	6366				309.5	−57.5		MacCon2000		0
10 24 01.9	−60 52 27	2756		15.0	10.0	308.9	−55.9		W 57-21,MacCon2000,CCCS 1674		0
10 24 08.0	−60 16 49	6367				309.1	−56.5		MacCon2000		0
10 24 22.0	−59 18 30	2757			12.0	309.4	−57.5		W 57-22,MacCon2000,CCCS 1675		0
10 24 41.7	−55 06 16	2758		10.3	7.8	311.0	−61.6	N(Ste)	B-M 122, Wray 198, CCCS 1676	R	1
10 24 57.8	−58 39 10	2760			12.3J	309.5	−58.1		Lit 80, Epc90-115		1
10 24 59.3	−62 33 37	6368			9.4J	308.1	−54.3		MacCon2000, Aar89		0
10 24 59.7	−50 24 28	2759	9.9	9.3		313.4	−66.2	R0(HD)	90395, -49:5234, CCCS 1677	R	0
10 25 06.1	−66 56 15	2763		11.4		306.9	−50.0		MacCon82		1
10 25 10.2	−63 10 02	6369				307.9	−53.7		MacCon2000		0
10 25 34.3	−53 52 42	2761		12.5	9.8	311.3	−62.8		W 58-9, CCCS 1678		2
10 25 34.6	−58 52 09	2762			10.0	309.2	−57.9		W 59-1,MacCon2000,CCCS 1679		0
10 25 37.9	−61 34 31	6370				308.3	−55.3		MacCon2000		0
10 26 05.1	−62 34 14	2766			12.0	307.9	−54.3		W 60-2, CCCS 1682		2
10 26 15.5	−60 19 19	2765		15.5	9.5	308.6	−56.5		W 60-3,MacCon2000,CCCS 1680		0
10 26 39.2	−60 58 08	6371				308.3	−55.9		MacCon2000		0
10 26 43.4	−63 40 32	6372				307.5	−53.2		MacCon2000		0
10 26 48.1	−58 37 11	6373			8.7J	309.0	−58.2		Aar89,MacCon2000		0
10 26 53.6	−64 00 58	6374				307.4	−52.9		MacCon2000		0
10 26 56.7	−60 56 11	6375				308.2	−55.9		Aar89(C:)		1
10 27 08.3	−55 01 47	2767		14.0	11.2	310.3	−61.7		W 58-10, CCCS 1683		2
10 27 16.1	−59 40 22	2768		11.9	9.0	308.6	−57.2		B-M 123, W 57-23, Ste, CCCS 1684	R	0
10 27 18.9	−25 33 10	2764		10.0	8.4	47.8	−84.4	Ne(Bid)	Hen 123, CZ Hya, CCCS 1681	R	2
10 27 39.0	−59 49 17	6376			6.5K	308.4	−57.1		Aar89, GBE98		1
10 27 41.3	−60 12 41	2772			11.8	308.3	−56.7		W 60-4,MacCon2000,CCCS 1687		0
10 27 49.6	+29 08 10	6377			14.5r	116.8	−33.5	C1,1(GreMar90)	SndPes88=CLS 26		1
10 28 07.7	−40 59 24	2769			8.5J	320.5	−75.3		Lit 81, Epc90-116		1
10 28 23.5	−67 34 12	2774		11.7		306.3	−49.4		Wray 201, V354 Car, CCCS 1689	R	1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
10 28 30.2	−60 18 47	6378				308.1	−56.6		Aar89		2
10 28 31.1	−55 06 40	2771		14.5	9.0	309.9	−61.7		W 58-11, CCCS 1686		2
10 28 36.9	−50 24 15	2770	14.0	11.2		312.0	−66.3	R(Sndlk)	Sndlk, CCCS 1685		1
10 28 57.4	−55 07 12	2773		15.5	11.2	309.7	−61.7		W 58-12, CCCS 1688		2
10 29 06.2	−62 48 45	6379				307.3	−54.1		MacCon2000		0
10 29 26.8	−64 21 40	2775		15.5		306.8	−52.6		MacCon 233		1
10 29 32.9	−60 14 03	2780		12.0	9.4	307.9	−56.7		B-M 124, W 60-5, CCCS 1694	R	0
10 29 44.5	−62 28 29	2776		16.0	10.9	307.2	−54.5		W 60-6,MacCon2000,CCCS 1690		0
10 29 59.9	−57 49 40	6380				308.5	−59.1		MacCon2000		0
10 30 04.4	−58 57 13	2777		13.5	10.8	308.1	−58.0		W 59-2,MacCon2000,CCCS 1691		0
10 30 18.2	−59 53 42	2778		13.5	9.0	307.8	−57.0		W 60-7,MacCon2000,CCCS 1692	R	0
10 30 25.3	−55 02 42	2779		10.7:	6.0	309.3	−61.8	N(Ste)	Wray 202, W 61-1, Ste, CCCS 1693	R	1
10 30 29.9	−61 58 35	6381				307.2	−55.0		Aar89		1
10 30 55.6	−62 41 32	2781		11.5	8.6	307.0	−54.3		W 60-8,CCCS 1695,MacCon,MacCon2000		0
10 31 10.7	−59 28 15	6382			6.9J	307.7	−57.5		Aar89		1
10 31 28.1	−65 35 35	2783		15.9		306.2	−51.4		MacCon 235		1
10 31 30.2	−62 04 37	2782		16.5		307.0	−54.9		MacCon 234		1
10 32 22.0	−60 42 27	2784		14.5	9.5	307.1	−56.3		W 60-9,MacCon2000,CCCS 1696		0
10 32 54.2	−58 32 54	6383				307.5	−58.4		MacCon2000		0
10 33 06.3	−54 03 31	2785		12.5	10.0	308.8	−62.9		W 61-2, CCCS 1697		2
10 33 10.0	−61 14 03	2786		11.0	7.4	306.8	−55.8		Wray 206, W 60-10,Ste, CCCS 1699		1
10 33 10.4	−59 04 03	6384			9.8J	307.3	−57.9		Aar89		1
10 33 59.6	−61 25 53	2789		16.0	12.0	306.6	−55.6		W 60-12, CCCS 1702		2
10 34 02.2	−61 18 32	2788		11.0	7.3	306.6	−55.7		W 60-11,Hen 128,MacCon2000	R	0
10 34 07.6	−62 29 35	2791		12.0	9.0	306.4	−54.5		W 60-13, CCCS 1704		2
10 34 13.0	−58 36 38	6385				307.2	−58.4		MacCon2000		0
10 34 17.8	−62 42 37	2792	12.8	8.2	4.0	306.3	−54.3	N(Thack49)	-62:466,Thack49,Ste(N),CCCS 1705	R	1
10 34 27.8	−54 14 28	2790	12.0	10.3	5.5	308.3	−62.7	R8(CannMay49)	91745(N:), TV Vel, CCCS 1703	R	0
10 34 29.3	−48 23 41	2787	10.3	9.4		310.6	−68.5	R0(HD);C1,3(War)	91708, -47:5992, CCCS 1700	R	1
10 34 30.8	−46 27 28	6386			6.9J	311.6	−70.4	c	Fou92		i

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
10 35 03.2	−60 42 44	2795	12.0		12.0	306.5	−56.3		W 60-15, TU Car, CCCS 1708		2
10 35 07.6	−62 47 56	2797		16.0	11.2	306.1	−54.2		W 60-17,CCCS 1710,MacCon	R	0
10 35 10.5	−65 07 50	2799		15.9		305.7	−51.9		MacCon 236		1
10 35 11.1	−53 56 14	2794			12.0	308.2	−63.0		W 61-4, CCCS 1707		2
10 35 12.9	−39 33 45	2793	8.8	6.0		317.1	−77.1	N(San);C5,3(Yam)	91793(Nb), U Ant, CCCS 1706	R	0
10 35 14.8	−61 01 29	2796		16.0	10.5	306.4	−56.0		W 60-16,MacCon2000,CCCS 1709		0
10 35 23.7	−61 30 05	2798		11.3	7.8	306.3	−55.5	N(Ste)	W 60-18, Ste, CCCS 1711, MacCon	R	0
10 35 31.6	−61 45 24	2800		12.5	10.2	306.2	−55.3		W 60-19, CCCS 1712, MacCon	R	0
10 35 44.2	−54 22 13	6387				307.9	−62.6		MacCon2000		0
10 36 01.6	−61 26 01	6388				306.2	−55.6		MacCon2000		0
10 36 26.9	−60 19 52	2804		15.0	9.4	306.3	−56.7		W 62-1,MacCon2000,CCCS 1715		0
10 36 33.4	−59 32 24	6389				306.4	−57.5		Aar89(C:)		1
10 36 34.6	−39 24 52	2801	12.8			316.1	−77.3	R(Sto)	Sto IV-65, CCCS 1713		1
10 36 36.1	−59 10 51	6390			10.6K	306.5	−57.8	c	GBE98		i
10 36 36.4	−59 48 19	2805			11.0	306.4	−57.2		W 62-2,MacCon2000,CCCS 1716		0
10 36 54.9	−26 52 07	2802				36.7	−86.8		-26:8029, BidMac		3
10 37 02.9	−59 44 36	2807			11.0	306.3	−57.3		W 62-3,MacCon2000,CCCS 1718		0
10 37 08.7	−60 59 34	6391			9.0J	306.0	−56.0		Aar89,MacCon2000		0
10 37 13.6	−64 03 23	2809		14.2		305.5	−53.0		MacCon 237		1
10 37 15.1	−60 11 26	2808		16.0	9.0	306.2	−56.8		W 62-4,MacCon2000,CCCS 1719		0
10 37 25.1	−47 48 12	2806	13.7	9.0		309.6	−69.1	R(Sto)	Sto IV-91, Hen 131, CCCS 1717		1
10 37 28.9	−53 34 45	6392				307.6	−63.4		MacCon2000		0
10 37 29.1	−60 03 49	6393			8.5J	306.1	−57.0		Aar89, GBE98, MacCon2000	R	0
10 37 33.3	−13 23 04	2803	7.9	4.5	2.8	109.0	−75.9	N2(Sh)	92055(Nb), U Hya, CCCS 1714	R	0
10 37 37.2	−63 43 34	2812		14.5		305.5	−53.3		MacCon 238		1
10 37 47.3	−57 25 42	2810		13.5	9.4	306.6	−59.6		W 59-3,MacCon2000,CCCS 1720		0
10 37 48.5	−57 20 59	6394				306.6	−59.7		MacCon2000		0
10 37 49.7	−62 49 48	2813		13.5		305.6	−54.2		MacCon 239		1
10 38 03.0	−57 00 14	2811			11.0	306.6	−60.0		W 61-5,MacCon2000,CCCS 1721		0
10 38 15.2	−59 30 30	2814			9.3	306.0	−57.5		W 62-5, CCCS 1723		2

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
10 38 22.0	−61 34 30	2815		14.5	9.8	305.7	−55.5		W 60-20,CCCS 1724,MacCon	R	0
10 38 23.4	−61 17 45	2816		16.0	10.9	305.7	−55.8		W 60-21, CCCS 1725, MacCon	R	0
10 38 24.2	−57 27 15	6395				306.4	−59.6		MacCon2000		0
10 38 25.3	−64 16 00	2819		15.5		305.3	−52.8		MacCon 240		1
10 38 28.8	−60 05 58	2817		15.0	9.0	305.9	−57.0		W 62-6,MacCon2000,CCCS 1726		0
10 38 36.3	−53 24 10	6396				307.2	−63.6		MacCon2000		0
10 38 43.6	−60 49 25	2820	11.9	11.3	8.2	305.7	−56.2	N(Ste)	B-M 125, TV Car, Ste, CCCS 1728	R	0
10 38 47.8	−63 25 29	2821		14.0		305.3	−53.6		MacCon 241		1
10 38 54.4	−54 18 56	2818	13.7			306.9	−62.7	R(Ste)	Ste, CCCS 1727		2
10 39 18.1	−62 01 26	6397			10.2J	305.4	−55.0		Aar89		1
10 39 22.7	−60 49 16	2823	12.2	10.9	8.4	305.6	−56.2	N:(Ste)	B-M 126, FT Car, Ste, CCCS 1729	R	1
10 39 24.9	−61 09 22	6398				305.5	−55.9		Aar89(C:)	R	1
10 39 33.1	−61 42 30	2824		13.3		305.4	−55.4		MacCon 242		1
10 39 40.9	−48 17 50	2822			12.1J	308.3	−68.7		Lit 82,Epc90-118,Fou92		1
10 39 43.7	−64 04 39	2825		14.5		305.1	−53.0		MacCon 243		1
10 39 44.2	−61 29 20	6399			9.8J	305.4	−55.6		Aar89		1
10 39 51.2	−64 20 34	2826		15.2		305.0	−52.7		MacCon 244		1
10 40 01.6	−63 53 19	2827		14.3		305.0	−53.2		MacCon 245		1
10 40 03.4	+26 01 13	6400			13.7r	119.7	−36.8	N(Tot98)	Tot98		2
10 40 06.2	+35 48 02	6401			15.0r	120.4	−27.0	CH e(Tot98)	SndPes88=CLS 29, MSGAL85		1
10 40 18.7	−61 51 01	2831		13.0	10.8	305.2	−55.2		W 60-25, CCCS 1732, MacCon	R	0
10 40 18.8	−60 56 30	2828		13.5	9.0	305.4	−56.1		W 60-24, CCCS 1730, MacCon	R	0
10 40 29.6	−59 51 10	2830			11.2	305.5	−57.2		W 62-7,CCCS 1731,MacCon,MacCon2000		0
10 40 52.2	−48 01 20	2829		7.2		307.9	−69.0	Rp(Bidun)	92626(KR?), -47:6099, CCCS 1733	R	3
10 40 58.2	−63 51 28	6402				304.9	−53.2		MacCon2000		0
10 41 00.3	−59 23 15	2832	15.5	11.0	7.0	305.4	−57.7	N(Ste)	B-M 127, FU Car, Ste, CCCS 1734	R	1
10 41 16.0	−62 31 38	2833		13.5	10.0	305.0	−54.6		W 60-26, CCCS 1735, MacCon	R	0
10 41 54.8	−50 45 05	2834		9.2		306.7	−66.3		MacCon79(very early)		2
10 41 59.3	−58 58 49	6403				305.2	−58.1		MacCon2000		0
10 42 05.6	−63 21 36	2836			12.2	304.7	−53.7		W 64-1, CCCS 1737		2

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
10 42 21.0	−61 57 37	2839		16.0	11.3	304.8	−55.1		W 60-27, CCCS 1739, MacCon		2
10 42 21.5	−58 41 37	6404			9.1J	305.2	−58.4	c	Epc90-119		i
10 42 26.2	−56 56 10	2837		15.5	10.8	305.4	−60.1		W 61-6,MacCon2000,CCCS 1738		0
10 42 27.5	−58 39 40	2838		16.5		305.2	−58.4		MacCon 246, Lit 83		1
10 43 09.3	−61 33 58	2840		13.5	9.5	304.7	−55.5		W 60-28, CCCS 1741, MacCon	R	0
10 43 12.9	−60 34 33	2841			11.7	304.8	−56.5		W 60-29, CCCS 1740, MacCon		2
10 43 39.5	−60 10 24	2842		13.0	9.5	304.7	−56.9		B-M 128, W 62-9, CCCS 1742	R	0
10 44 23.8	−61 26 43	2843		12.0	9.0	304.4	−55.7		W 60-30, CCCS 1743		2
10 44 54.7	−57 41 26	2844		12.0	9.2	304.6	−59.4		W 63-1,MacCon2000,CCCS 1744		0
10 45 00.8	−62 29 34	2845		11.7:	11.3	304.2	−54.6		W 64-2, Ste(C::), CCCS 1745	R	1
10 45 04.0	+67 24 41	2835	8.6	6.0	4.0	122.3	4.5	N0(Sh)	92839(Na), VY UMa, CCCS 1736	R	0
10 45 04.9	−61 33 34	2846		15.9	9.4J	304.3	−55.6		MacCon 247, Aar89		1
10 45 15.1	−56 22 05	6405				304.7	−60.7		MacCon2000		0
10 45 15.4	−57 13 40	6406			5.9K	304.6	−59.9	c	GBE98		i
10 45 25.0	−63 06 10	2847		14.5	11.8	304.1	−54.0		W 64-3,MacCon2000,CCCS 1746		0
10 45 37.8	−63 13 52	2849		15.0	11.8	304.0	−53.9		W 64-4, CCCS 1747, MacCon		2
10 45 44.6	−60 05 03	6407				304.2	−57.0		MacCon2000		0
10 45 46.2	−58 37 00	2848		16.5	9.1J	304.3	−58.5		MacCon 248, Aar89		1
10 45 47.0	−58 51 51	6408			9.5J	304.3	−58.2		Aar89		1
10 45 48.3	−58 49 45	6409			5.5J	304.3	−58.3		Aar89		1
10 45 52.9	−61 33 53	6410			9.8J	304.1	−55.6		Aar89		1
10 46 01.5	−62 36 53	2851			12.2	304.0	−54.5		W 64-5, CCCS 1749		2
10 46 03.0	−65 36 53	2852	9.7	8.0		303.8	−51.5	N(Ste)	93506(R5), TZ Car, CCCS 1750	R	0
10 46 16.1	−58 25 22	2850		15.0	9.3	304.2	−58.7		B-M 129, W 62-10, CCCS 1748	R	0
10 46 25.8	−64 00 43	2854		14.0	10.5	303.8	−53.1		W 64-6, CCCS 1752, MacCon	R	2
10 46 59.9	−58 17 40	2855		16.2		304.1	−58.8		MacCon 249		1
10 47 02.3	−58 15 04	6411			8.9J	304.1	−58.9		Aar89		1
10 47 11.9	−43 54 14	2853		9.0	5.9J	305.6	−73.2		Hen 136, Epc90, CCCS 1751		2
10 47 20.4	−64 39 11	2857		14.2		303.7	−52.5		MacCon 250		1
10 47 30.2	−62 33 10	2858			11.3	303.7	−54.6		W 64-7, CCCS 1754, MacCon		2

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
10 47 33.2	−55 22 03	2856		12.5	10.0	304.1	−61.8		W 63-2, CCCS 1753		2
10 47 43.3	−52 23 19	6412				304.3	−64.7		MacCon2000		0
10 47 49.7	−63 31 19	2859		15.9		303.6	−53.6		MacCon 251		1
10 48 14.0	−62 51 06	2861		12.0	9.6	303.6	−54.3		W 64-8, CCCS 1755, MacCon		2
10 48 20.2	−58 15 46	2860		16.5	9.6J	303.7	−58.9		MacCon 252, Aar89		1
10 48 30.2	−60 11 32	2862		13.0	8.0	303.6	−56.9		B-M 130, W 62-11, CCCS 1756	R	0
10 48 33.7	−60 49 12	2864		15.5	12.0	303.6	−56.3		W 64-9,MacCon2000,CCCS 1758		0
10 48 35.0	−64 27 41	2866		15.5		303.4	−52.7		MacCon 253		1
10 48 37.0	−64 21 38	2867		14.5		303.4	−52.8		MacCon 254		1
10 48 40.7	−58 37 54	2863		15.0	9.9	303.6	−58.5		B-M 131, W 62-12, CCCS 1757	R	0
10 48 50.2	−57 09 00	2865		14.5	11.0	303.6	−60.0		B-M 132, W 63-3, CCCS 1759	R	0
10 49 16.7	−55 25 29	2868	12.4	9.0	5.7	303.6	−61.7		-54:3783,W 63-4,UZ Vel,CCCS 1760	+R	0
10 49 17.6	−58 20 03	6413			9.4J	303.5	−58.8		Aar89		1
10 49 21.7	−65 47 01	2871		14.2		303.3	−51.3		MacCon 255		1
10 49 25.7	−57 07 55	6414				303.5	−60.0		MacCon2000		0
10 49 29.3	−62 00 49	2869		17.2		303.3	−55.1		MacCon 256		1
10 49 41.7	−61 32 39	2872		15.0	11.2	303.3	−55.6		W 64-10, CCCS 1762, MacCon		2
10 49 47.0	−57 15 01	2870		12.5	10.6	303.4	−59.9		W 63-5,MacCon2000,CCCS 1761		0
10 49 53.3	−60 35 39	6415				303.3	−56.5		Aar89	R	1
10 50 00.1	−61 04 00	2875		10.5	9.3	303.2	−56.1	N:(Ste)	B-M 133, W 64-11, Ste, CCCS 1765	R	2
10 50 05.7	−55 37 17	2873		13.0	11.0	303.3	−61.5		W 63-6,MacCon2000,CCCS 1763		0
10 50 07.4	−59 34 18	6416				303.2	−57.6		Aar89		1
10 50 10.9	−55 50 41	2874		13.5	11.2	303.3	−61.3		W 63-7,MacCon2000,CCCS 1764		0
10 50 24.4	−58 01 41	6417			6.3K	303.2	−59.1	c	GBE98		i
10 50 25.3	−60 45 35	6418				303.2	−56.4		MacCon2000		0
10 50 35.2	−61 30 29	6419				303.1	−55.6		Aar89		1
10 50 46.9	−66 10 34	2878		14.5		303.0	−51.0		MacCon 258		1
10 50 47.4	−57 54 02	2876		16.5	4.8K	303.1	−59.2		MacCon 257, GBE98		1
10 50 51.9	−56 19 31	6420				303.1	−60.8		MacCon2000		0
10 51 18.9	−60 19 52	2879		16.5:	9.3J	303.0	−56.8		MacCon 259, Aar89		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
10 51 32.1	−59 26 31	6421			9.5J	302.9	−57.7		Aar89		1
10 51 36.2	−61 06 58	6422			10.1J	302.9	−56.0		Aar89		1
10 51 37.3	−21 15 00	2877	10.9	9.3	4.2	123.3	−84.1	N(San);C6,5(Yam)	-20:3283, Ste, V Hya, CCCS 1766	R	0
10 51 38.6	−57 00 45	6423				302.9	−60.1		MacCon2000		0
10 51 50.2	−63 20 15	2882		14.5	11.7	302.9	−53.8		W 64-12, CCCS 1767, MacCon		2
10 51 51.8	−60 38 37	2880		16.5		302.8	−56.5		MacCon 260		1
10 52 03.0	−58 31 22	2881		14.7	8.4J	302.8	−58.6		MacCon 261, Aar89		1
10 52 25.4	−62 50 59	2884		13.0	9.5	302.7	−54.3		W 64-13, CCCS 1769, MacCon		2
10 52 28.1	−60 12 48	2883		16.5	8.9J	302.7	−56.9		MacCon 262, Aar89		1
10 52 38.3	−63 15 29	2887		16.0	10.4	302.7	−53.9		W 64-14, CCCS 1771, MacCon		2
10 52 38.8	−59 31 38	6424			9.8J	302.6	−57.6		Aar89		1
10 52 41.1	−61 57 45	6425			9.8J	302.7	−55.2		Aar89		1
10 52 50.1	−62 19 44	2888	11.4	11.6	9.0	302.7	−54.8	R(Ste)	W 64-15, Ste, CCCS 1772, MacCon	R	2
10 52 51.5	−53 25 27	2885	11.8	9.2		302.5	−63.7	N3(CannMay49)	94406(Nb), SS Vel, CCCS 1768	R	1
10 52 55.4	−60 52 12	6426			8.6J	302.6	−56.3		Aar89		1
10 52 59.0	−56 27 03	2886		13.5	11.2	302.5	−60.7		W 63-8,MacCon2000,CCCS 1770		0
10 53 03.5	−62 22 08	6427			9.8J	302.6	−54.8		Aar89		1
10 53 22.1	−64 45 29	2890		15.5		302.6	−52.4		MacCon 263		1
10 53 30.3	−60 57 17	2889		13.5	10.2	302.5	−56.2		W 65-1, CCCS 1773, MacCon		2
10 53 47.0	−57 14 56	2891		13.0	10.2	302.3	−59.9		W 63-9, CCCS 1774		2
10 53 52.6	−55 56 14	6428				302.2	−61.2		MacCon2000		0
10 53 53.1	−61 25 37	2893		11.5	9.2	302.4	−55.7		W 64-16, CCCS 1777, MacCon		2
10 53 54.4	−61 27 24	2894		11.5	9.3	302.4	−55.7	R-N(Ste)	B-M 134, Wray 216, CCCS 1776	R	1
10 53 56.0	−64 03 19	2895		15.0	11.5	302.5	−53.1		W 64-18, CCCS 1778, MacCon		2
10 54 07.0	−65 03 39	2896		14.5		302.5	−52.1		MacCon 265		1
10 54 27.3	−60 19 50	2897		16.5	8.9J	302.3	−56.8		MacCon 267, Aar89		1
10 54 29.4	+34 02 26	6429			16.5r	123.7	−28.8	dC(GMM91)	SndPes88=CLS 31		0
10 54 41.9	−19 23 22	2892		10.4		128.6	−82.2	R2(Van)	-18:3055,Van 48,Ste(R),CCCS 1775	R	0
10 54 51.1	−60 15 01	2898		16.2	9.5J	302.2	−56.9		MacCon 266, Aar89		1
10 55 15.1	−61 38 17	2899				302.1	−55.5		MacCon		2

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
10 55 33.6	−64 34 16	2901		15.5		302.2	−52.6		MacCon 268		1
10 56 03.0	−64 32 52	2902		14.5		302.1	−52.6		MacCon 269		1
10 56 33.4	−63 55 39	2906		16.0	11.5	302.0	−53.2		W 64-19, CCCS 1783, MacCon		2
10 56 33.6	−57 10 53	6430				301.5	−59.9		MacCon2000		0
10 56 35.1	−61 02 52	2903		13.5	9.9	301.8	−56.1		B-M 135, W 65-2, CCCS 1780	R	2
10 56 42.8	−59 41 15	2904		15.0	11.2	301.7	−57.4		W 65-3, CCCS 1781		2
10 56 45.0	−59 31 46	2905		15.5	8.4J	301.7	−57.6		MacCon 270, Aar89		1
10 56 45.6	−60 03 28	2907		13.0	9.7	301.7	−57.1		B-M 136, W 65-4, CCCS 1782	R	2
10 56 49.2	−61 56 52	2908		14.0	11.3	301.8	−55.2		W 64-20, CCCS 1784, MacCon		2
10 56 57.9	+15 16 46	2900		10.0		124.9	−47.6	R0(Van)	+16:2188, Van 49, CCCS 1779	R	0
10 57 07.7	−62 19 47	2909			11.2	301.8	−54.8		W 64-21, CCCS 1785, MacCon		2
10 57 42.2	−65 53 19	2912		13.5	8.7J	301.9	−51.2		MacCon 271, Lit 84, Epc90-121		1
10 57 47.2	−62 19 18	2911		13.5	11.2	301.7	−54.8		W 64-22, CCCS 1787, MacCon		2
10 57 54.4	−75 06 02	2918		10.0		302.4	−42.0		MacCon79		2
10 57 58.4	−61 54 06	2913		15.5	11.3	301.6	−55.2		W 64-23, CCCS 1788, MacCon		2
10 58 02.5	−38 55 56	2910	11.3			296.7	−78.1	R(Sto)	Sto IV-61, CCCS 1786		1
10 58 32.3	−62 35 46	2915		11.5		301.5	−54.5	R(Ste)	Wray 218, Ste, CCCS 1790, MacCon		1
10 58 46.8	−62 38 57	2916	13.1	10.0	8.0	301.5	−54.5	N(Ste)	B-M 138, W 64-24, Ste, CCCS 1791	R	1
10 59 05.4	−60 31 51	2917		16.2	8.8J	301.2	−56.6		MacCon 272, Aar89		1
10 59 06.2	−62 12 28	2920			12.2	301.4	−54.9		W 64-25, CCCS 1792, MacCon		2
10 59 09.2	−62 41 10	2921			7.5	301.4	−54.4		B-M 138, Mich, CCCS 1794	R	3
10 59 18.3	−61 45 27	6431				301.3	−55.3		Aar89		1
10 59 23.8	+39 44 06	6432			12.2r	124.6	−23.1	N:(Tot98)	AbrGig89b, Tot98		2
10 59 35.7	−60 16 41	2922		16.5		301.1	−56.8		MacCon 273		1
10 59 36.2	−62 52 34	2923		14.2		301.3	−54.2		MacCon 274		1
10 59 55.9	−54 40 53	2924	13.6			300.3	−62.4	R(Ste)	Ste, CCCS 1795		1
11 00 00.5	+41 36 08	2914		10.4		124.7	−21.2	R2(Van)	+42:2173,Van 50,Ste(R),CCCS 1789	R	0
11 00 09.6	−54 52 32	6433				300.2	−62.2		MacCon2000		0
11 00 28.3	−61 45 28	2926		16.5	9.2J	301.1	−55.3		MacCon 275, Aar89		1
11 00 32.3	−25 51 12	2925		9.0		181.4	−87.6	K5R(San)	95405(Kp), -25:8383, CCCS 1796	R	3

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
11 00 45.5	−58 11 01	6434				300.6	−58.9		Aar89		1
11 00 48.6	+40 42 11	2919		10.4		124.8	−22.1	R0(Van)	+41:2150, Van 51, CCCS 1793	R	0
11 00 55.0	−64 56 38	2927		13.5	11.0	301.3	−52.2		W 67-1, CCCS 1797, MacCon		2
11 01 04.3	−59 40 08	6435			9.5J	300.7	−57.4		Aar89		2
11 01 12.9	−62 59 02	2929		12.0	9.0	301.0	−54.1		W 64-26, CCCS 1799, MacCon		2
11 01 19.1	−64 08 14	2930		13.5	11.0	301.1	−53.0		W 67-2, CCCS 1800		2
11 01 23.3	−56 19 50	2928		13.5	10.0	300.1	−60.7		W 63-10, CCCS 1798		2
11 01 26.7	−62 26 21	2931		14.2		300.9	−54.7		MacCon 276		1
11 01 29.5	−68 11 31	2934	12.9	10.6		301.5	−48.9	N(Ste)	Wray 220, Ste,Hen 141, CCCS 1801	R	1
11 01 31.8	−55 45 46	6436				300.0	−61.3		MacCon2000		0
11 01 45.6	−61 36 55	2933		16.2	10.1J	300.8	−55.5		MacCon 278, Aar89		1
11 01 47.5	−54 29 33	2932		17.2		299.7	−62.6		MacCon 277, CWWVS		1
11 02 04.5	−59 49 29	6437			9.3J	300.5	−57.3		Aar89		1
11 02 05.8	−65 02 54	2938		15.9		301.1	−52.0		MacCon 279		1
11 02 08.5	−61 53 32	2935		16.0	10.2	300.7	−55.2		W 64-27, CCCS 1802, MacCon		2
11 02 13.0	−62 17 49	2937		15.2	4.5J	300.8	−54.8		MacCon 280,Joy98		1
11 02 20.3	−56 51 47	2936		13.5	11.1	299.9	−60.2		W 66-1,MacCon2000,CCCS 1803		0
11 02 44.9	−59 29 41	2939		15.5	11.2	300.3	−57.6		W 65-5, CCCS 1804, MacCon		2
11 02 52.0	−64 08 39	2942		14.4		300.9	−52.9		MacCon 281		1
11 02 53.6	−60 55 29	2940		13.5	9.8	300.4	−56.1		W 65-6, CCCS 1805, MacCon		2
11 02 57.1	−61 33 30	2941		15.5	9.6	300.5	−55.5		B-M 139, W 64-29, CCCS 1806		2
11 02 57.8	−66 07 30	2943		15.5		301.1	−51.0		MacCon 282		1
11 03 49.5	−56 46 32	2945		13.5	11.2	299.5	−60.3		W 66-2, CCCS 1808		2
11 03 50.5	−44 34 01	2944	13.4			295.6	−72.4	R(Sto)	Sto IV-84, CCCS 1807		1
11 03 54.7	−71 45 51	2947	13.2	11.0		301.5	−45.3	N(Sto)	Wray 224, Sto I-23, CCCS 1809	R	2
11 04 21.5	−52 25 39	6438				298.3	−64.6		MacCon2000		0
11 04 37.3	−54 23 08	2946		13.8		298.8	−62.6		MacCon 283		1
11 04 39.0	−60 09 42	2948		12.0	9.9	299.9	−56.9		B-M 140, W 65-7, Ste, CCCS 1810	R	2
11 05 03.0	−64 53 53	2949		16.5		300.6	−52.2		MacCon 284		1
11 05 34.2	−61 20 59	2950		10.7	9.0	299.9	−55.7	N:(Ste)	B-M 141, W 65-8, Ste, CCCS 1811	R	2

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
11 05 52.2	−59 16 29	2951			10.3	299.5	−57.8		B-M 142, CCCS 1812		3
11 05 56.9	−61 00 13	2952		13.0	11.7	299.8	−56.0		W 65-9, CCCS 1813, MacCon		2
11 06 04.6	−58 37 15	2953			11.4	299.3	−58.4		W 66-3, CCCS 1814, MacCon	R	2
11 06 29.0	−52 20 14	6439				297.6	−64.6		MacCon2000		0
11 06 37.0	−61 31 14	2955		13.5	11.0	299.7	−55.5		W 64-30, MacCon, CCCS 1816		2
11 06 39.6	−65 57 55	2958		11.5		300.5	−51.1	R-N(Ste)	Wray 228, Ste, Hen 143,CCCS 1819	R	2
11 06 50.8	−58 34 39	2956	13.1	12. :	10.2:	299.1	−58.4	R:(Ste)	B-M 143, Wray 227, CCCS 1817	R	1
11 06 53.4	−61 02 38	2957			12.1	299.6	−56.0		W 65-10, CCCS 1818		2
11 07 17.9	−55 07 19	2959	11.8	8.5		298.1	−61.9	N3(CannMay49)	96650(Nb), RW Cen, CCCS 1820	R	0
11 07 19.4	−10 13 13	2954		10.9		136.2	−72.7	R(May51)	-9:3208, May51, Ste(R),CCCS 1815	R	1
11 07 20.0	−81 47 36	2967		8.8		302.2	−35.3	N(May51)	May51, CI Cha,Hen 146, CCCS 1824	R	2
11 07 46.1	−64 36 04	2960		11.0	6.8	300.1	−52.4	N(Ste)	Wray 229, W 67-3, Ste, CCCS 1821	R	2
11 08 10.3	−61 35 44	6440			12.1	299.4	−55.4		FueSto95		1
11 08 13.2	−53 37 33	6441				297.4	−63.3		MacCon2000		0
11 08 16.0	−64 51 35	2961		15.0	11.5	300.0	−52.2		W 67-4, CCCS 1822, MacCon		2
11 08 49.6	−59 31 08	2962		15.9		298.8	−57.5		MacCon 285		1
11 09 10.3	−62 09 36	2964		15.4		299.3	−54.8		MacCon 287		1
11 09 10.5	−61 07 13	2963		16.5		299.1	−55.9		MacCon 286		1
11 09 22.8	−65 41 32	2966		17.2		300.0	−51.3		MacCon 288		1
11 09 22.9	−63 41 25	2965			12.3J	299.6	−53.3		Lit 85, Epc90-122		1
11 09 58.5	−60 07 09	2968		12.0	9.3	298.7	−56.9		B-M 144, W 65-11, CCCS 1823	R	2
11 10 07.0	−74 15 16	2970	14.1			301.2	−42.8	R(Sto)	Sto I-28, CCCS 1825		1
11 10 39.1	−57 35 05	2969		14.9		297.9	−59.4		MacCon 289		1
11 10 56.3	−58 54 44	6442			12.9	298.2	−58.0		FueSto95		1
11 11 58.4	−56 12 54	2971		13.0	9.5	297.1	−60.7		W 66-5, CCCS 1826		2
11 12 09.3	−58 20 07	2972		12.0	9.6	297.7	−58.6		B-M 145, W 66-6, CCCS 1827	R	2
11 12 20.5	−57 31 11	2973				297.4	−59.4		MacCon		2
11 12 56.6	−60 01 39	2976				298.0	−56.9		MacCon		2
11 12 58.4	−58 01 39	2974		16.5		297.4	−58.9		MacCon 290		1
11 13 12.3	−48 13 30	2975	11.2	9.0		293.0	−68.5	R5(HD)	97578, -47:6614, CCCS 1828	R	0

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
11 13 37.0	−62 08 34	2977		17.2		298.4	−54.8		MacCon 291		1
11 13 51.4	−66 18 45	2978		14.7		299.4	−50.7		MacCon 292		1
11 14 39.4	−56 22 17	2979		12.5	10.0	296.4	−60.5		W 66-7, CCCS 1829		2
11 14 40.9	−66 17 21	2981		10.4		299.2	−50.7	N(Ste)	Ste, CCCS 1830, MacCon		1
11 14 46.9	−64 45 54	2982		15.0	11.0	298.9	−52.2		W 67-5, CCCS 1831		2
11 14 50.4	−58 11 51	2980		14.0		297.0	−58.7		MacCon 293		1
11 15 07.7	−60 23 10	2983		15.5		297.6	−56.5		MacCon 294		1
11 15 33.7	−70 42 26	2985	14.1			300.1	−46.3	R(Sto)	Sto I-19, CCCS 1833		1
11 15 38.4	−57 55 39	2984	10.8	9.3	4.5	296.7	−58.9	N3(CannMay49)	98014(Nb), SY Car, CCCS 1832	R	1
11 15 52.2	−69 54 44	2986	11.8	9.6		299.9	−47.1	G5:(R-R3)(LE83	310480(Pec), DI Car, CCCS 1834	+R	1
11 16 20.4	−58 51 56	6443			11.4	296.9	−58.0		FueSto95		1
11 16 35.9	−59 02 10	6444			12.9	296.9	−57.8		FueSto95		1
11 16 39.1	−65 50 57	2987			10.8J	298.8	−51.1		Lit 86, Epc90-124		1
11 17 03.4	−64 52 20	2988		11.5	8.2	298.5	−52.0		W 67-6, CCCS 1835, MacCon		2
11 18 12.6	−74 51 51	2992	12.0			300.6	−42.1	R(Sto)	Sto I-31, CCCS 1836		1
11 18 23.2	−58 21 12	2989		15.2		296.2	−58.4		MacCon 295		1
11 18 35.0	−61 53 34	2990		15.9		297.4	−54.9		MacCon 296		1
11 18 38.7	−63 01 08	2991		17.2		297.7	−53.8		MacCon 297		1
11 18 46.3	−75 06 43	2994		11.4		300.6	−41.9		MacCon79		2
11 19 03.9	−16 44 49	6445				156.0	−77.8	C1,3ch(Yam);dC	GMAM92, RKA-2		0
11 19 10.2	−61 08 43	2993		15.5		297.0	−55.7		MacCon 298		1
11 19 26.0	−65 50 40	2995		16.5		298.4	−51.0		MacCon 299		1
11 19 29.4	−65 38 38	2996			12.4	298.3	−51.2		W 70-1, CCCS 1837, MacCon		2
11 20 33.8	−59 30 53	2997			11.8	296.1	−57.2		W65 1, CCCS 1838		1
11 20 43.7	−63 58 33	3000			11.4	297.6	−52.8		W 67-7, CCCS 1840, MacCon		2
11 20 49.5	−60 43 08	2999		15.2		296.5	−56.0		MacCon 300		1
11 20 54.3	−55 44 33	2998		10.1	7.7J	294.4	−60.9	Ne(Ste)	Ste, Hen 150, CCCS 1839	R	1
11 21 18.4	−60 17 50	3002		10.5	8.0	296.2	−56.4	N:(Ste)	B-M 147, Wray 233, CCCS 1842	R	1
11 21 21.9	−55 45 47	3001	9.7	10.4		294.3	−60.9	R(Ste)	98767(Nb), V905 Cen, CCCS 1841	R	0
11 22 05.0	−59 38 47	3003		11.9	10.5	295.8	−57.1		B-M 148, W65 2, Ste, CCCS 1843	R	1

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11 22 05.3	−63 59 30	3004			12.0	297.4	−52.8		W 67-8, CCCS 1844, MacCon		2
11 22 22.6	−58 15 38	3005		10.6	8.2	295.2	−58.4		W 69-1, Ste, CCCS 1845	R	1
11 22 24.0	−64 02 34	3008			11.8	297.3	−52.7		W 67-9, CCCS 1848, MacCon		2
11 22 24.1	−58 16 07	3006		11.0		295.2	−58.4		Ste, CCCS 1846	R	1
11 22 34.6	−57 29 54	3007		14.5	10.6	294.8	−59.1		W 69-2, CCCS 1847		2
11 22 60.0	−70 45 08	3011	14.1			299.2	−46.1	R(Sto)	Sto I-20, CCCS 1850		1
11 23 11.6	−56 00 23	3009		13.8		293.9	−60.6		MacCon 301		1
11 23 15.8	−58 29 13	3010		13.5	10.2	295.1	−58.2		W 69-3, CCCS 1849		2
11 23 15.9	−72 48 50	3012		11.4		299.7	−44.1		MacCon79(Ce), NSV 5180		2
11 24 04.2	−60 13 35	3013		13.0	12.0	295.6	−56.4		W65 22, W 68-3, CCCS 1851		1
11 25 09.9	−59 18 41	3014		13.5	11.6	295.0	−57.3		W65 3, W 69-4, CCCS 1852		1
11 25 36.5	−60 21 24	6446			10.4J	295.3	−56.3	c	Gug93		i
11 25 44.3	−67 06 27	3016	13.4	11.2:		297.8	−49.7	N:(Ste)	Ste, CCCS 1853, MacCon		2
11 25 56.6	−60 25 29	3015		17.2		295.3	−56.2		MacCon 302		1
11 26 15.9	+37 07 30	6447			12.5r	130.6	−25.2	C1,2(GreMar90)	SndPes88=CLS 38		1
11 26 15.9	−59 28 14	3017		11.5	10.2	294.8	−57.1		B-M 149, W65 4,W 68-4, CCCS 1854		1
11 26 32.0	−66 44 10	3018		12.5		297.6	−50.0		MacCon 303		1
11 26 50.1	−61 09 08	3019		13.5	10.2	295.4	−55.5		B-M 150, W65 5,W 68-5, CCCS 1855		1
11 27 15.0	−65 26 33	3021		16.0	12.0	297.0	−51.3		W 70-2, CCCS 1857, MacCon		2
11 27 26.0	−62 52 25	3022		17.2		296.0	−53.8		MacCon 304		1
11 27 28.0	−55 48 37	3020		12.1		292.6	−60.6		Ste, CCCS 1856		2
11 27 46.8	−52 42 47	3023	12.0			290.5	−63.5	R(May51)	May51, Sto IV-109(R), CCCS 1858		1
11 27 47.1	−59 18 46	3024		13.5	11.0	294.4	−57.2		W65 7, W 69-5, CCCS 1859		1
11 27 57.0	−61 20 17	3025		16.2		295.3	−55.2		MacCon 305		1
11 28 10.1	−56 35 56	3026		14.2		292.9	−59.8		MacCon 306		1
11 28 18.7	−60 53 50	3028		15.9		295.0	−55.7		MacCon 307		1
11 28 19.7	−61 15 02	3029			12.4	295.1	−55.3		W65 6, CCCS 1861		1
11 28 20.9	−58 10 09	3027		14.5	11.5	293.7	−58.3		W 69-6, CCCS 1860, MacCon		2
11 28 29.8	−59 11 19	3030			13.0	294.2	−57.3		W65 8, CCCS 1862		1
11 28 36.1	−60 21 06	3031		14.0	11.6	294.7	−56.2		W65 108, W 68-6, CCCS 1863		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
11 28 58.4	−55 31 01	6448				292.0	−60.8		MacCon2000		0
11 28 59.9	−59 43 35	3032		13.0	10.8	294.3	−56.8		W65 9, W 68-7, CCCS 1864		1
11 29 04.6	−64 54 41	3033		17.2		296.5	−51.7		MacCon 308, Lit 87		1
11 29 10.5	−61 10 45	3034		17.2		294.9	−55.4		MacCon 309		1
11 29 20.3	−60 28 58	3035			12.6	294.6	−56.0		W65 126, CCCS 1865		1
11 29 26.5	−69 18 11	3036			9.1J	298.0	−47.5		Lit 88, Epc90-125		1
11 29 54.8	−64 47 41	3038		17.2		296.3	−51.8		MacCon 310		1
11 29 56.2	−59 08 10	3037			12.2	293.8	−57.3		W65 12, CCCS 1866		1
11 30 14.0	−62 18 31	3039		14.0	11.4	295.2	−54.2		W65 10, W 71-1, CCCS 1867,MacCon		1
11 30 19.7	−62 20 32	3040		16.0	11.6	295.2	−54.2		W65 11, W 71-2, CCCS 1868		1
11 30 46.0	−60 35 22	3041			12.2	294.3	−55.9		W65 159, V750 Cen CCCS 1869		1
11 31 05.8	+78 29 48	6449			12.2r	125.0	15.8	R(AGSh95)	AGSh95		2
11 31 24.7	−60 46 48	3042		13.5	10.8	294.3	−55.7		W65 175, W 68-8, CCCS 1870		1
11 31 25.8	−63 30 50	3043			12.0	295.5	−53.0		W 70-3, CCCS 1871, MacCon	R	2
11 31 44.4	−64 07 10	3044		17.2		295.7	−52.4		MacCon 312		1
11 32 00.1	−60 34 13	3045			12.6	294.1	−55.9		W65 186, CCCS 1872		1
11 32 06.8	−56 18 03	3046		15.5		291.7	−59.9		MacCon 313		1
11 32 08.3	−72 38 18	3049	11.6			298.7	−44.2	N(Sto)	Sto I-25, Ste, CCCS 1875	R	1
11 32 13.2	−53 02 16	3047		10.0		289.4	−63.0		Ste, Hen 152, CCCS 1873		1
11 32 15.5	−60 54 15	3048		12.0	10.0	294.2	−55.5		W65 190, V751 Cen, CCCS 1874	R	1
11 32 26.2	−66 14 34	3050		15.2		296.5	−50.4		MacCon 314		1
11 32 48.9	−61 20 34	3051			12.1	294.3	−55.1		W65 13, CCCS 1876		1
11 32 52.5	−67 13 33	3053		14.9		296.8	−49.4		MacCon 315		1
11 33 03.1	−67 17 44	3056		17.2		296.8	−49.3		MacCon 316		1
11 33 09.7	−61 03 36	3055			9.5	294.1	−55.3		W65 214, CCCS 1878		1
11 33 10.0	−60 03 33	3054		11.9	9.4	293.6	−56.3	N:(Ste)	B-M 151, W 69-7, Ste, CCCS 1877		2
11 33 19.5	−56 01 46	3057		13.8		291.2	−60.1		MacCon 317		1
11 33 24.5	−10 37 01	3052			14.0r	155.8	−70.8	N(Tot98)	Lit 89, Epc90-126, Fou92		1
11 33 24.7	−64 11 56	6450			12.5J	295.5	−52.3	c	Gug93		i
11 33 26.2	−59 48 45	3059			12.3	293.4	−56.5		W65 14, CCCS 1880, MacCon	R	1

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11 33 42.2	−60 37 35	3060		15.5		293.7	−55.7		MacCon 318		1
11 33 49.1	+01 45 08	3058		9.9		144.1	−59.4	R2(San)	+2:2446, D 106(R), CCCS 1879	R	0
11 33 51.2	−73 12 27	3062		9.0	4.9J	298.7	−43.6		Hen 154, Fou92, CCCS 1882		2
11 34 13.9	−57 31 33	3061		11.5	9.5	291.9	−58.7		W 69-8, CCCS 1881, MacCon		2
11 34 14.0	−66 48 28	3063		12.1		296.4	−49.8		Ste, CCCS 1883, MacCon		2
11 34 24.9	−59 42 34	3064		15.0	10.6	293.1	−56.6		W65 15, W 69-9, CCCS 1884,MacCon	R	1
11 35 03.8	−59 28 28	3065		10.8	8.8	292.8	−56.8	N(Ste)	B-M 152, W65 16, Ste, CCCS 1885	R	1
11 35 34.4	−56 26 34	3067	14.5	11.0		290.9	−59.6	N:(Ste)	Wray 236, Ste, Hen 155,CCCS 1887	R	1
11 35 42.8	−14 35 37	3066		8.7		164.6	−73.8	R2(San)	100764(R0), -13:3407, CCCS 1886	R	0
11 35 53.7	−60 33 41	3068			12.4	293.2	−55.7		W65 255, CCCS 1888		1
11 36 03.9	−63 13 53	3069		11.7		294.6	−53.2		Wray 237, CCCS 1889		1
11 36 11.0	−60 57 32	3070		15.9	9.7J	293.4	−55.3		MacCon 319, Aar89		1
11 36 16.7	−60 29 19	3071			9.5	293.1	−55.8		B-M 153, W65 262, CCCS 1890	R	1
11 37 01.8	−58 13 48	3072		12.0	9.0	291.6	−57.9		W 72-1, CCCS 1891, MacCon		2
11 37 07.0	−61 23 04	6451			9.1J	293.4	−54.9		Aar89		1
11 37 42.2	−65 14 50	3073		14.5	8.5	295.2	−51.2		W 70-4, CCCS 1892, MacCon		2
11 37 55.9	+33 05 05	6452			15.0r	134.0	−28.8		SndPes88=CLS 43, MSGAL85		1
11 38 00.3	−60 47 31	3074			12.6	292.9	−55.4		W 71-3, CCCS 1893		2
11 38 04.0	−62 14 39	3076			13.3	293.7	−54.0		W65 17, CCCS 1895		1
11 38 05.1	−62 16 02	3077			12.6	293.7	−54.0		W65 18, CCCS 1896		1
11 38 05.1	−59 12 02	3075		14.5	11.6	292.0	−56.9		W65 19, W 72-2, CCCS 1894,MacCon		1
11 38 13.6	−59 11 52	3078		16.0	11.7	292.0	−56.9		W65 20, W 72-3, CCCS 1897,MacCon		1
11 38 43.6	−60 52 24	3079			12.5	292.8	−55.3		W65 293, CCCS 1898		1
11 39 04.0	−60 47 52	3080		13.5	11.0	292.7	−55.4		W65 30, W 71-14, CCCS 1899	R	1
11 39 07.8	−59 43 54	3081		12.5	11.2	292.1	−56.4		W65 22, W 72-4, CCCS 1900,MacCon		1
11 39 08.6	−66 18 44	3082		14.9		295.5	−50.1		MacCon 320		1
11 39 24.8	−72 33 17	3083	11.3	9.5		298.0	−44.1	Na(HD)	101414, RR Mus, CCCS 1901	R	2
11 39 51.4	−58 34 51	3084		10.1	7.5	291.2	−57.4	N(Ste)	B-M 154, Wray 238, CCCS 1902	R	1
11 39 55.7	−61 03 33	6453			6.9K	292.7	−55.1	c	GBE98		i
11 39 56.5	−60 50 14	3085		14.0	11.3	292.6	−55.3		W65 21, W 71-5, CCCS 1903,MacCon		1

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11 40 32.3	−57 51 51	3086			11.4	290.6	−58.1		W 72-6, CCCS 1904		2
11 40 34.6	−61 25 10	3087		13.0	11.0	292.8	−54.7		W65 23, W 71-6, CCCS 1905,MacCon		1
11 40 48.7	−60 00 55	3088		15.0	12.2	291.9	−56.0		W65 25, W 72-7, CCCS 1906,MacCon		1
11 40 54.8	−61 44 11	3089		14.0	11.3	292.9	−54.4		W65 24, W 71-7, CCCS 1907,MacCon		1
11 41 05.5	−48 37 34	3090	14.4			282.1	−66.4	R(Sto)	Sto IV-102, CCCS 1908		1
11 41 12.2	−65 49 30	3091		15.9		295.0	−50.5		MacCon 321		1
11 41 30.9	−63 33 46	3092		14.5		293.8	−52.7		MacCon 322		1
11 43 52.4	−60 52 48	3093		17.2		291.8	−55.1		MacCon 323		1
11 44 23.1	−61 41 05	3094		12.5	11.0	292.2	−54.3		W 71-8, CCCS 1909, MacCon		2
11 44 47.6	−63 47 01	3095		17.2	8.6J	293.3	−52.3		MacCon 324, Aar89		1
11 44 53.5	−61 26 07	3096		13.7		292.0	−54.5		MacCon 325		1
11 45 27.6	−63 04 59	3097			11.0	292.8	−53.0		W 70-5, CCCS 1910, MacCon		2
11 46 02.6	−62 42 43	3098			11.5	292.5	−53.3		W 71-9, CCCS 1911, MacCon		2
11 46 13.0	−57 04 12	3100		11.7		288.7	−58.5		Wray 240, CCCS 1913		1
11 46 18.2	−35 11 07	3099	11.5			250.8	−75.8	R(Sto)	Sto IV-48, CCCS 1912		1
11 46 28.7	−60 49 54	3102		17.2		291.3	−55.0		MacCon 326		1
11 46 29.8	−59 25 27	3101		15.0	11.2	290.3	−56.3		W 72-8, CCCS 1914, MacCon		2
11 46 44.7	−61 15 50	3103		15.9		291.5	−54.6		MacCon 327		1
11 47 29.8	−60 57 39	3104		16.0	11.7	291.1	−54.9		W 71-10, CCCS 1915, MacCon		2
11 47 33.8	−62 41 40	3105		12.0	9.9	292.2	−53.3		B-M 155, W 71-11, CCCS 1916	R	2
11 47 43.3	−57 51 08	3106	14.6	9.7	6.8	288.9	−57.7	N:(Ste)	W 72-9, Ste, Hen 158, CCCS 1917	R	2
11 48 09.1	−59 57 26	3107			12.1	290.3	−55.8		W 72-10, CCCS 1918, MacCon		2
11 48 12.4	−61 07 33	6454			9.9J	291.1	−54.7		Aar89		1
11 48 48.4	−63 37 28	6455			9.7J	292.6	−52.3	c	Epc90-127		i
11 49 19.5	−66 18 28	3109		15.9		294.0	−49.8		MacCon 328		1
11 49 21.7	−60 07 53	3108		13.2	8.3J	290.2	−55.5		MacCon 329, Aar89	R	1
11 49 48.4	−60 17 59	6456				290.2	−55.4		Aar89		1
11 49 51.2	−64 21 33	3110			11.5	292.8	−51.6		W 73-1, CCCS 1919		2
11 50 02.1	−64 56 51	3111		16.0	11.0	293.1	−51.1		W 73-2, CCCS 1920, MacCon		2
11 50 23.8	−64 33 37	3112		13.5	8.8	292.8	−51.4		W 73-3, CCCS 1921, MacCon		2

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
11 50 25.3	−62 51 16	3113		11.0	9.2	291.8	−53.0		B-M 156, W 71-12, CCCS 1922	R	2
11 51 16.7	−60 15 30	6457				289.9	−55.3		Aar89		1
11 51 32.3	−61 37 42	3114		10.9	9.2	290.8	−54.1		B-M 157, W 71-13, Ste, CCCS 1923	R	1
11 52 01.1	+37 11 13	6458			13.0r	136.1	−24.1		SndPes88=CLS 45, MSGAL85		1
11 52 05.3	−60 17 31	3115		15.9	9.3J	289.8	−55.3		MacCon 330,Aar89		1
11 52 06.3	−59 08 22	3116			12.0	288.9	−56.3		W 72-11, CCCS 1924		2
11 52 09.3	−62 44 31	3117		17.2	8.8J	291.4	−53.0		MacCon 331, Aar89		1
11 52 10.1	−62 15 10	3118			11.6	291.1	−53.5		W 71-14, CCCS 1925, MacCon		2
11 52 58.0	−64 08 34	3119		13.5	9.2	292.2	−51.7		W 73-4, CCCS 1926, MacCon		2
11 53 30.7	−61 03 41	3120		16.2	8.9J	290.1	−54.5		MacCon 332,Aar89		1
11 53 32.5	−64 36 27	3121			10.8	292.4	−51.2		W 73-5, CCCS 1927, MacCon		2
11 53 41.4	−64 55 37	3122		15.5		292.5	−50.9		MacCon 333		1
11 53 52.9	−63 30 13	3123		14.5	9.3	291.6	−52.2		W 73-6, CCCS 1928, MacCon		2
11 53 54.7	−58 58 26	3124			10.3J	288.4	−56.4	IRAS C	Lit 90, V875 Cen		1
11 54 43.9	−61 32 03	3125	12.4	10.8	7.5	290.2	−54.0	N3(MayCann40)	309264(N3), B-M 158, CCCS 1929	R	2
11 54 48.2	−61 30 35	3126		15.0	10.3	290.1	−54.0		W 74-2, CCCS 1930		2
11 55 07.3	−62 20 18	6459				290.6	−53.2		Aar89		1
11 55 10.7	−62 36 33	3127		12.0	9.2	290.8	−53.0		W 74-3, CCCS 1931, MacCon		2
11 55 20.7	−61 29 29	3128			12.3	290.0	−54.0		W 74-4, CCCS 1932		2
11 55 39.1	−62 53 04	6460				290.9	−52.7		Aar89		1
11 55 39.6	+12 34 54	3129		11.2		146.4	−47.3	R5(San)	D 107(R), Ste, CCCS 1933	R	1
11 56 00.5	−60 30 44	6461			10.2J	289.2	−54.9		Aar89		1
11 56 14.8	−61 06 11	3130		13.5	11.2	289.6	−54.3		W 74-6, CCCS 1934		2
11 56 52.7	−63 21 60	3131		11.0	8.6	291.0	−52.2	N:r(Ste)	B-M 159, Wray 242, CCCS 1935	R	2
11 56 56.2	−62 15 30	3132		14.0	11.0	290.3	−53.2		W 74-5, CCCS 1936, MacCon		2
11 57 15.5	−62 52 16	3133		16.2		290.6	−52.7		MacCon 334		1
11 57 18.4	−61 06 15	3134		15.2		289.4	−54.3		MacCon 335		1
11 57 24.8	−57 01 54	3135		9.5		286.0	−57.9	R-N(Ste)	Ste, Hen 161, CCCS 1937, MacCon		2
11 57 38.0	−62 06 06	3136			12.3	290.0	−53.3		W 74-7, CCCS 1938		2
11 57 43.9	−78 26 09	3137	12.0			298.8	−38.2	R(May51)	May51, Sto I-39(R), CCCS 1939	R	1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
11 57 56.3	−62 23 12	3138			11.9	290.2	−53.1		W 74-8, CCCS 1940, MacCon		2
11 58 08.1	−64 14 15	3139			10.7	291.4	−51.4		W 73-8, CCCS 1941, MacCon		2
11 59 44.0	−67 58 32	3140		14.2		293.5	−47.9		MacCon 336		1
11 59 58.8	−58 36 03	3141	10.7	9.2	6.3	286.9	−56.3	R8-N(Ste)	104214(Na), -57:4238, DD Cru	R	0
12 00 06.3	−61 46 14	3142		16.5	8.1J	289.4	−53.5		MacCon 337, Aar89		1
12 00 08.9	−67 53 13	3143	13.1	10.5		293.4	−47.9		Ste, Hen 163, CCCS 1943, MacCon		2
12 00 23.2	−55 07 13	3144	11.7	9.1		283.5	−59.3	Nb(HD)	104274, -54:4475, CCCS 1944	R	2
12 00 29.1	−62 05 05	6462			10.0J	289.5	−53.2		Aar89		1
12 00 29.2	−65 02 37	3145		15.9		291.6	−50.5		MacCon 338		1
12 00 31.9	−58 42 53	3146		11.0	8.9	286.8	−56.2		W 75-2, Ste, CCCS 1945, MacCon		1
12 00 36.1	−63 22 27	3147		16.0	11.2	290.4	−52.0		W 73-9, CCCS 1946, MacCon		2
12 00 47.3	−64 04 05	6463			9.7J	290.9	−51.4		Aar89		1
12 01 33.2	−62 09 30	3148		12.0	10.7	289.4	−53.1		W 74-9, CCCS 1947, MacCon		2
12 02 00.2	−59 39 58	3149		11.2	9.0	287.3	−55.3	R:(Ste)	W 75-3, Ste, CCCS 1948, MacCon		1
12 02 11.9	−61 33 30	3150		16.2	8.5J	288.8	−53.6		MacCon 339, Aar89		1
12 02 26.9	−59 29 32	3151		15.5	8.4J	287.1	−55.4		MacCon 340, Aar89		1
12 02 44.6	−67 28 25	3152		10.0	6.8J	292.8	−48.2		Hen 165, CCCS 1949, MacCon		2
12 02 54.7	−64 02 28	3153		15.5	10.0	290.5	−51.3		W 73-10, CCCS 1950, MacCon		2
12 03 16.9	−61 39 53	3154		17.2	8.0J	288.7	−53.4		MacCon 341,Aar89		1
12 03 21.4	−64 05 26	3155		10.0	7.1	290.5	−51.3	R-N(Ste)	B-M 160, W 73-11, Ste, CCCS 1951	R	2
12 03 25.0	+70 25 56	3156		10.0		128.9	8.4	R2(Van)	+71:600, D 300(R), CCCS 1952	**R	0
12 03 50.1	−69 31 01	3157	13.1	10.0		293.9	−46.3	N(Ste)	Ste, Hen 167, CCCS 1953		2
12 03 55.0	−59 04 54	3158		15.5		286.5	−55.7		MacCon 342		1
12 04 00.4	−62 38 54	3159		10.7	7.5	289.3	−52.5	R-N(Ste)	B-M 161, W 74-10, Ste, CCCS 1954	R	1
12 04 10.6	−62 42 27	6464			9.5J	289.3	−52.5		Aar89		1
12 04 11.5	−66 42 02	3160		15.9		292.1	−48.9		MacCon 343		1
12 04 31.8	−65 23 46	3161			11.6	291.2	−50.0		W 73-12, CCCS 1955, MacCon		2
12 04 32.2	−62 37 23	6465			9.1J	289.2	−52.5		Aar89		1
12 04 33.8	−64 56 31	3162				290.9	−50.4		MacCon		2
12 04 42.1	−56 48 31	3163		13.3		284.2	−57.6		MacCon 344		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
12 04 53.9	−62 29 54	3164		15.0	11.6	289.1	−52.6		W 74-11, CCCS 1956		2
12 04 55.2	−62 47 41	3165		16.5		289.3	−52.3		MacCon 345, CF Cru		1
12 05 26.1	−59 22 50	6466				286.4	−55.3		Aar89		1
12 05 28.6	−62 59 33	6467			7.2J	289.3	−52.1		Aar89		2
12 05 39.0	−60 35 44	6468				287.4	−54.2		Aar89		1
12 05 41.8	−62 55 20	3166		14.0	10.2	289.3	−52.2		W 74-12, CCCS 1957, MacCon		2
12 05 49.5	−66 09 18	3167		15.0	9.5	291.5	−49.3		W 73-13, CCCS 1958		2
12 05 53.2	−62 45 45	3168		17.2	8.4J	289.1	−52.3		MacCon 346, CG Cru, Aar89		1
12 06 01.6	−58 38 30	3169		13.5	11.0	285.7	−55.9		W 75-4, CCCS 1959, MacCon		2
12 06 25.5	−59 09 31	3170		11.2	7.7	286.0	−55.4	R(Ste)	W 75-5, Ste, CCCS 1960, MacCon		2
12 06 30.2	−65 42 32	3171		14.5		291.1	−49.7		MacCon 347		1
12 06 50.0	−64 12 27	6469				290.0	−51.0	IRAS C	VKL92		i
12 06 58.8	−65 10 04	3172			12.4	290.7	−50.1		W 73-14, CCCS 1961, MacCon		2
12 07 05.4	−64 34 41	6470			8.3K	290.3	−50.6	c	Epc87	R	i
12 07 53.8	−64 40 16	3173		16.0	10.0	290.2	−50.5		W 73-15, CCCS 1962, MacCon		2
12 07 55.4	−61 52 44	6471				288.1	−53.0		Aar89		1
12 07 59.4	−58 26 36	3174		15.0	11.0	285.1	−56.0		W 75-6, CCCS 1963		2
12 08 19.0	−68 02 55	3175		14.5		292.4	−47.5		MacCon 348		1
12 08 34.5	−63 23 32	3176		16.5		289.1	−51.6		MacCon 349		1
12 09 07.3	−60 38 37	3177		17.2		286.8	−54.0		MacCon 350		1
12 09 17.0	−55 40 49	3178	13.2			282.1	−58.2	R(Ste)	Ste, CCCS 1964		1
12 09 38.0	−32 13 05	3180	13.2			234.3	−72.3	R(Sto)	Sto IV-35, CCCS 1965		1
12 09 39.3	−66 33 50	3179		14.2		291.3	−48.8		MacCon 351		1
12 09 50.7	−60 29 19	3181		13.5	9.8	286.6	−54.1		B-M 162, W 75-7, CCCS 1966	R	2
12 10 10.4	−67 09 11	3182		14.2		291.6	−48.2		MacCon 352		1
12 10 11.2	−65 14 44	3183		15.9		290.3	−49.9		MacCon 353		1
12 10 16.4	−57 57 39	3184		13.5	9.3	284.2	−56.2		W 75-8, CCCS 1967, MacCon		2
12 10 41.6	−66 32 26	3185		15.5		291.1	−48.7		MacCon 354		1
12 11 15.0	−64 26 11	3186		10.8	4.8J	289.5	−50.6	N(Ste)	B-M 163, Z Cru, Ste, CCCS 1968	R	1
12 11 30.6	−64 02 34	3187		11.7	8.4	289.2	−50.9	N(Ste)	B-M 164, W 76-2, Ste, CCCS 1969	*R	2

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
12 11 31.8	−61 46 07	3188	11.8			287.4	−52.9	R5(MayCann40)	MayCann40, AZ Cru, CCCS 1970	+**R	2
12 11 34.8	−63 45 43	3189		9.7	8.0	289.0	−51.1	N(Ste)	B-M 166, Wray 246(CE), CCCS 1971	R	2
12 11 46.4	−63 44 30	6472			9.6J	288.9	−51.1		Aar89		1
12 11 54.6	−64 39 35	3190		12.5	10.0	289.6	−50.3		W 76-3, CCCS 1972		2
12 12 32.7	−65 10 19	3191		17.2		289.9	−49.9		MacCon 355		1
12 12 43.2	−61 39 02	6473			9.1J	287.1	−52.9		Aar89		1
12 12 50.2	−59 19 03	3192	13.0	10.3	7.7	285.0	−54.9	N(Ste)	B-M 167, W 75-9, Ste, CCCS 1973	R	1
12 13 22.9	−63 31 00	3193		15.9		288.5	−51.3		MacCon 356		1
12 13 46.0	−65 55 48	3194		12.2	9.1	290.3	−49.1		Wray 247, W 76-4, CCCS 1974	R	1
12 13 54.2	−73 35 22	3195	13.8			295.2	−42.3	R(Sto)	Sto I-29, CCCS 1975		1
12 14 00.8	−64 06 04	3196			11.6	288.9	−50.7		W 76-5, CCCS 1976, MacCon		2
12 14 11.2	−60 41 19	6474				286.0	−53.6		Aar89		1
12 14 16.9	−09 00 51	6475			15.2r	174.0	−63.3	N(Tot98)	Tot98		2
12 14 19.4	−64 29 28	3197			11.4	289.1	−50.4		W 76-6, CCCS 1977, MacCon		2
12 14 34.6	−66 20 39	3198		16.2		290.5	−48.7		MacCon 357		1
12 14 39.6	−51 31 59	3199	9.3	8.0		275.8	−61.0	Nb(HD)	106414,-50:6814,TV Cen,CCCS 1978	R	1
12 14 48.7	−61 47 10	6476				286.8	−52.7		Aar89		1
12 14 55.9	−64 15 09	3200		17.2		288.8	−50.5		MacCon 358		1
12 14 56.4	−60 21 46	3201		15.9		285.5	−53.9		MacCon 359		1
12 14 59.1	−64 38 49	3202		12.0	7.7	289.1	−50.2		W 76-7, Ste, CCCS 1979, MacCon		2
12 15 22.5	−60 59 56	3203		11.0	9.0	286.0	−53.3		W 74-14, CCCS 1980, MacCon		2
12 15 38.6	+37 04 32	6477			13.0r	141.0	−22.8	C0,0(GreMar90)	SndPes88=CLS 48(C:)		1
12 15 44.0	−64 20 19	3204			12.1	288.8	−50.4		W 76-8, CCCS 1981, MacCon		2
12 16 01.1	−67 15 55	3205		11.9		290.9	−47.8		MacCon79, MacCon		2
12 16 04.4	−64 20 09	3206		16.0	12.3	288.7	−50.4		W 76-9, CCCS 1982		2
12 16 11.3	−66 31 51	3207		15.5		290.4	−48.5		MacCon 360		1
12 16 40.8	−62 34 02	3208		14.5	10.0	287.2	−51.9		W 77-1, CCCS 1983		2
12 17 04.8	−67 13 27	3209		14.9		290.8	−47.8		MacCon 361		1
12 18 08.0	−65 46 29	3210		15.2		289.6	−49.0		MacCon 362		1
12 18 20.4	−64 43 25	3211		16.5		288.7	−49.9		MacCon 363		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
12 18 36.9	−62 31 10	3212			11.5	286.8	−51.8		W 77-2, CCCS 1984, MacCon		2
12 19 01.6	−65 55 35	3213		15.5		289.6	−48.9		MacCon 364		1
12 19 17.2	−64 23 09	3214		15.5	10.5	288.3	−50.2		W 76-10, CCCS 1985, MacCon		2
12 20 00.8	+36 48 02	6478			16.0r	142.0	−22.8	dC(GMAM92)	SndPes88=CLS 50,Joy98		0
12 20 02.5	−58 56 02	3215	14.2	10.5	7.3	283.3	−54.7	N3(MayCann40)	MayCann40, Wray 249, CCCS 1986	R	2
12 20 38.9	−61 00 28	3216		17.2		285.2	−52.9		MacCon 365		1
12 21 11.6	−66 26 38	3217		12.5	8.4	289.7	−48.3		W 76-11, CCCS 1988, MacCon	R	2
12 21 30.3	−76 02 56	3218	14.9			296.0	−39.8	R(Sto)	Sto I-33, CCCS 1987		1
12 22 00.7	−67 08 31	3219		15.2		290.1	−47.7		MacCon 366		1
12 22 10.4	−60 24 16	3220			8.5J	284.3	−53.3		Lit 91,Epc90-128		1
12 22 20.1	−68 47 23	6479			14.0J	291.3	−46.2	c	Fou92,VKL92		i
12 22 27.6	−63 05 11	3221		10.5	7.7	286.7	−51.1	N:(Ste)	B-M 168, W 77-3, Ste, CCCS 1989	R	1
12 22 59.5	+21 05 26	6480	17.5		13.0r	149.9	−36.9		MGSJ97, CV 5	R	2
12 23 18.3	−75 30 04	3222	12.4	8.0		295.6	−40.3	Nb(HD)	107699,-74:677,RS Mus, CCCS 1990	R	2
12 23 58.2	−62 53 56	3223		15.0	9.7	286.4	−51.1		W 77-4, CCCS 1991, MacCon		2
12 24 10.5	−65 39 23	3224		14.0	9.2	288.7	−48.8		W 76-12, CCCS 1992, MacCon		2
12 24 23.6	−62 34 49	3225			13.4J	286.0	−51.4		Lit 92, Epc90-129		1
12 24 27.1	−64 13 22	3226		16.2		287.4	−50.0		MacCon 367		1
12 24 33.9	−49 26 25	3227	9.2	7.0		270.5	−61.4	C4,5(War)	107957(R5), S Cen, CCCS 1993	R	0
12 24 48.1	−64 43 26	3228		13.0	8.5	287.8	−49.6		W 76-13, CCCS 1994, MacCon		2
12 24 51.0	−63 41 57	3229			11.4	286.9	−50.4		W 77-5, CCCS 1995, MacCon		2
12 24 58.3	−53 37 32	3232	13.4			276.3	−58.4	R(Ste)	Ste, CCCS 1996		1
12 24 59.3	−65 23 08	3230		16.2		288.3	−49.0		MacCon 368		1
12 25 01.4	−66 45 02	3231		14.9		289.4	−47.8		MacCon 369		1
12 25 05.4	−00 43 33	3234		11.4		167.2	−55.3	Wk R(Ste)	Ste85		1
12 25 05.5	−59 49 49	3233			11.6	283.3	−53.6		W 78-2, CCCS 1997, MacCon		2
12 25 14.4	+00 46 12	3236		6.0	4.3	165.7	−54.1	Ne(San)	108105(Pec), SS Vir, CCCS 1999	R	1
12 25 24.6	−51 02 18	3235			10.8J	272.6	−60.2		Lit 93,Epc90-130		1
12 26 25.0	−61 48 16	3237		17.2		285.0	−51.9		MacCon 370		1
12 26 56.9	−68 24 14	3238	13.2:	11.2:		290.5	−46.3	R(Ste)	Ste, MacCon, CCCS 2001		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
12 27 00.6	−61 31 13	3239		10.9	9.1	284.6	−52.1	R-N(Ste)	B-M 169, W 77-6, Ste, CCCS 2002	R	1
12 27 13.5	−61 46 03	3240		14.0	10.7	284.8	−51.9		W 77-7, CCCS 2003, MacCon	R	2
12 27 18.4	−49 04 43	3241	13.7			269.3	−61.3	R(Sto)	Sto IV-103, CCCS 2004		1
12 27 39.9	−00 27 51	6481			15.7r	167.8	−54.7	N(Tot98)	Tot98		2
12 28 17.3	−47 27 47	3243	13.3			266.4	−62.2	R(Sto)	Sto IV-93, CCCS 2005		1
12 28 19.7	−64 27 29	3242		16.2		287.1	−49.6		MacCon 371		1
12 28 52.5	−48 29 50	3244	13.6			268.0	−61.5	R(Sto)	Sto IV-104, CCCS 2006		1
12 29 21.0	−38 15 50	3246	11.9	9.3		247.6	−66.7	N(San);C4,3(Yam)	108683(N), -37:7905, V927 Cen	R	0
12 29 28.0	−61 51 10	3245		13.5	11.1	284.6	−51.6		W 77-8, CCCS 2007, MacCon		2
12 31 04.0	−67 04 58	6482			11.6J	289.0	−47.2	c	Gug93		i
12 31 44.9	−64 21 54	3247			12.0	286.5	−49.5		W 76-15, CCCS 2009, MacCon		2
12 31 55.7	−60 43 05	3248		12.7	9.3	283.1	−52.4		B-M 170, Wray 251(CE), CCCS 2010	R	1
12 32 28.7	−56 05 01	3250		10.5		277.8	−55.8		MacCon79(Ce)		2
12 32 30.6	−66 02 55	3249		15.5	11.4	287.9	−48.0		W 81-1, CCCS 2011		2
12 32 30.9	−58 11 13	3251			10.8	280.3	−54.3		W 78-4, CCCS 2012		2
12 32 43.7	−61 10 35	3252		14.5		283.4	−51.9		MacCon 373		1
12 32 46.2	−56 05 40	3253				277.8	−55.8		MacCon 374		1
12 33 09.2	−64 07 01	3254			12.2	286.1	−49.6		W 81-2, CCCS 2013, MacCon		2
12 33 50.3	−35 26 20	6483	18.1	13.8	12.0r	240.1	−66.7	C 5, J(LE91)	LE91, SHLE96		i
12 34 21.5	+36 09 34	6484			11.0r	145.2	−22.2		SndPes88=CLS 54, MSGAL85		1
12 34 41.5	+36 11 56	3255	13.0			145.2	−22.2	R:(Upgr60)	Upgr60, CCCS 2014		3
12 35 42.5	−64 26 40	3256		15.9		286.1	−49.1		MacCon 375		1
12 35 51.9	−65 01 06	3257			11.9	286.6	−48.7		W 81-3, CCCS 2015, MacCon		2
12 36 31.8	−63 56 56	3258		12.5	9.6	285.5	−49.5		W 81-4, CCCS 2016, MacCon	R	2
12 37 09.0	−64 28 03	3259		16.2		285.9	−49.0		MacCon 376		1
12 38 06.6	−65 29 51	3260		13.0	8.8	286.7	−48.1		W 81-5, CCCS 2017, MacCon		2
12 38 51.9	−66 22 12	3261		15.0	11.0	287.4	−47.4		W 81-6, MacCon, CCCS 2018		2
12 38 54.9	−67 21 55	3262		14.2		288.3	−46.6		MacCon 377		1
12 39 27.1	−65 55 18	3263		15.5		287.0	−47.7		MacCon 378		1
12 39 30.5	−45 22 58	3266	13.0	8.0		260.4	−61.8	R(Sto)	Sto IV-88, Hen 179, CCCS 2021	R	1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
12 39 37.4	−64 59 58	3265		14.5	10.0	286.1	−48.4		W 81-8, CCCS 2020, MacCon		2
12 40 00.9	−66 54 54	3267		11. :		287.8	−46.9		Ste, Hen 180, MacCon, CCCS 2022	R	1
12 40 15.2	−57 22 50	3268		9.8		278.0	−54.2	Ce(Hen)	Wray 254, Ste, Hen 181,CCCS 2023	R	2
12 40 52.2	−60 42 17	3269		12.5	9.5	281.7	−51.7		B-M 171, W 79-1, CCCS 2024	R	2
12 41 02.2	−08 53 03	3274		13.5		182.9	−58.3	R(Ste)	Ste85		1
12 41 10.8	−63 03 23	3271		16.2		284.0	−49.9		MacCon 379		1
12 41 13.0	−65 11 53	3270		17.2		286.1	−48.2		MacCon 380		1
12 41 27.8	−65 20 59	3272		16.5		286.2	−48.0		MacCon 381		1
12 41 36.5	−64 32 55	3273		16.5		285.4	−48.7		MacCon 382		1
12 42 04.7	+31 06 06	6485		11.9	10.5r	149.2	−26.1		SndPes88=CLS 57, MSGAL8 5		0
12 42 12.1	−43 53 43	3275		10.0	7.2J	257.2	−62.1		Hen 182,Epc90,CCCS 2025,NSV 5868	R	2
12 42 35.1	+31 05 06	3279	12.7:			149.3	−26.0	R(Upgr60)	Upgr60, CCCS 2028		3
12 42 46.8	−65 03 39	6486			12.0J	285.8	−48.2	c	Epc90-134		i
12 42 50.3	−65 00 20	3276		16.0	10.8	285.7	−48.2		W 81-9, CCCS 2026, MacCon, Lit 8		2
12 42 53.2	−64 05 19	3277		16.5		284.8	−48.9		MacCon 383		1
12 43 27.2	−63 40 41	3278			12.2	284.3	−49.2		W 81-10, CCCS 2027		2
12 43 37.3	+02 21 31	6487			16.0r	169.9	−50.0	N(Tot98)	Tot98		2
12 44 15.5	−65 38 44	3280			11.7	286.1	−47.6		W 81-11, MacCon, CCCS 2029		2
12 44 17.9	−65 32 49	3281		17.2		286.0	−47.7		MacCon 384		1
12 44 50.4	−67 20 27	3282		14.3		287.6	−46.3		MacCon 385		1
12 44 51.8	−61 15 04	6488			14.1H	281.7	−50.9	IRAS C, c	VKL92, GJB93, Gro93		i
12 45 06.3	−62 33 34	6489			12.5J	283.0	−49.9	c	Epc90-135		i
12 45 07.8	+45 26 25	3283	8.2	4.8	2.9	143.0	−13.0	N3(Sh)	110914(Nb), Y CVn, CCCS 2030	R	0
12 46 00.7	−62 08 07	6490			13.1J	282.4	−50.2	c	Epc90-136		i
12 47 18.4	+04 08 42	3286		9.0	7.6	169.2	−48.0	R3e(San)	111166(R3p), RU Vir, CCCS 2032	R	0
12 47 24.7	−59 41 32	3284		8.6	4.0	279.6	−51.9	N(Thack49)	W 79-2, Ste, Hen 183, CCCS 2031	R	2
12 47 52.8	−66 40 54	3285		13.8		286.7	−46.6		MacCon 386		1
12 48 20.5	−66 31 49	3287		15.9		286.5	−46.7		MacCon 387		1
12 48 36.8	−63 06 51	3288			12.0	283.1	−49.3		W 80-1, CCCS 2033		2
12 48 57.6	−59 12 44	3290		14.0	11.5	278.8	−52.1		W 79-3, CCCS 2034		2

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
12 49 05.3	−67 46 40	3289		15.5		287.5	−45.7		MacCon 388		1
12 49 32.5	−61 46 10	3291	15.0		3.8J	281.6	−50.2	N:(Ste)	B-M 172, RX Cru, Ste, CCCS 2035	R	2
12 49 33.0	−64 49 59	6491			13.2J	284.7	−47.9	c	Epc90-137		i
12 49 58.3	−60 52 58	3292		15.5		280.6	−50.8		MacCon 389		1
12 50 54.6	−66 43 04	6492				286.4	−46.4		Aar89		1
12 51 04.5	−59 10 16	3294		14.0	11.2	278.5	−51.9		W 79-4, CCCS 2036		2
12 51 16.2	−64 55 33	3293		15.0	10.5	284.6	−47.7		W 81-12, CCCS 2037, MacCon		2
12 51 22.3	−36 58 14	3296	11.0			241.8	−62.9	R(Sto)	Sto IV-57, CCCS 2038		1
12 51 26.9	−65 00 01	3295	14.3	15.2	12.0	284.7	−47.6	Symbiotic	MacCon 390	R	1
12 51 32.2	−66 58 17	6493				286.5	−46.1		Aar89		1
12 51 49.8	+01 30 00	6494			15.8r	173.1	−49.3	N(Tot98)	Tot98		2
12 52 29.4	+07 12 28	3298	11.1	9.4		167.8	−44.9	R0(Van)	Van 55, CCCS 2039	R	0
12 53 31.8	−67 16 24	3297		15.2		286.6	−45.8		MacCon 391		1
12 53 38.2	−57 13 00	3299		10.1:		275.7	−53.0	R:(Ste)	Ste, Hen 185, CCCS 2040		1
12 53 58.3	−64 55 17	3300		15.9		284.3	−47.5		MacCon 392		1
12 53 58.8	−64 09 18	6495			8.4J	283.5	−48.1	c	Epc90-138		i
12 54 04.1	−66 42 08	6496				286.0	−46.2		Aar89		1
12 54 28.0	−65 09 02	3301		16.0	10.5J	284.4	−47.3		MacCon 393,Aar89		1
12 54 48.8	+10 01 34	3308		14.0		166.0	−42.3			R	2
12 54 49.8	−65 03 35	3302		10.2	6.0	284.3	−47.4	R(Ste)	W 81-13, Ste, Hen 186, CCCS 2041	R	2
12 54 53.3	−54 08 25	6497			12.7J	271.5	−54.8	c	Gug93		i
12 54 56.5	−57 57 37	3304	13.5			276.5	−52.4	R(Ste)	Ste, CCCS 2043		1
12 54 57.2	−63 40 09	3303			12.3	282.9	−48.4		W 81-4, CCCS 2042		2
12 55 37.6	−63 43 40	3305		15.0	11.5	282.9	−48.3		W 81-15, MacCon, CCCS 2044		2
12 55 50.4	−66 47 45	3306		15.2		285.9	−46.0		MacCon 394		1
12 55 54.2	−65 17 08	3307		15.5	9.8J	284.4	−47.1		MacCon 395, Aar89		1
12 56 25.4	+43 28 31	3312	12.5:			145.7	−13.8	R(Upgr60)	Upgr60, CCCS 2046		3
12 56 25.9	+65 59 40	3313	9.4	6.1	4.3	135.2	6.1	N4(Sh)	112559(Np), RY Dra, CCCS 2047	R	0
12 56 35.6	−57 53 57	3310	10.4	8.2		276.2	−52.2	Np(HD)	112319, V Cru, Ste, CCCS 2045	R	0
12 56 37.0	−63 44 40	3309		15.9	9.1J	282.8	−48.2		MacCon 396, Aar89		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
12 56 57.0	−11 46 19	6498			13.6r	191.6	−56.8	N(Tot98)	Tot98		2
12 57 15.7	−69 01 53	3311			9.9J	287.8	−44.2		Lit 95,Fou92,Epc90-139		1
12 58 33.5	−74 23 41	6499				292.3	−40.0	IRAS C	VKL92		i
12 58 34.2	+16 40 10	6500			15.9R	161.8	−36.4	N(GOL97)	GOL97,Joy98		i
12 59 16.1	−60 19 23	6501			12.8J	278.7	−50.4	c	Epc90-140		i
12 59 22.7	+37 49 04	3319	10	9.2		149.1	−18.5	R6p(Sh)	112869(Na), TT C Vn, CCCS 2052	R	0
12 59 30.4	−60 05 36	3314		15.5	9.8	278.4	−50.5		W 82-1, CCCS 2048		2
12 59 35.9	−60 29 15	3316			12.0	278.8	−50.2		W 82-2, MacCon, CCCS 2049		2
12 59 40.7	−62 55 05	3315		15.9	7.9J	281.5	−48.5		MacCon 397, Aar89		1
12 59 57.9	−63 40 23	3317		15.0	8.9	282.3	−48.0		W 84-1, CCCS 2050		2
13 00 01.1	−66 34 43	6502				285.2	−45.9		Aar89		1
13 00 04.0	−61 21 19	6503			9.4J	279.8	−49.6	c	Epc90-141		i
13 00 06.9	−67 18 15	6504				285.9	−45.3		Aar89		1
13 00 50.1	−64 37 49	3318		10.0	5.7	283.2	−47.2	N(Ste)	W 84-2, Ste, Hen 188, CCCS 2051	R	2
13 00 52.5	−57 50 20	3320	13.5			275.5	−51.8		Ste, MacCon, CCCS 2053		1
13 02 31.6	−65 09 57	3321		15.9		283.6	−46.7		MacCon 398		1
13 02 37.0	−60 51 52	6505				278.9	−49.7	IRAS C	VKL92		i
13 02 54.0	−63 56 28	6506			8.9J	282.2	−47.6		Aar89		1
13 03 29.4	−66 24 21	3322		16.0	11.5	284.7	−45.8		W 84-3, MacCon, CCCS 2054		2
13 03 46.4	−60 32 11	3323	12.4	10.5	6.0	278.4	−49.8	N(Ste)	Wray 258, W 82-3, Ste, CCCS 2055	R	1
13 04 24.2	−65 38 01	3324			11.0	283.8	−46.3		W 84-4, MacCon, CCCS 2056		2
13 05 02.0	−62 58 07	3325		15.5	7.0J	280.9	−48.1		MacCon 399, Epc87, Aar89		1
13 05 20.6	−61 51 47	3328		15.0	8.9	279.7	−48.8		W 83-1, MacCon, CCCS 2058		1
13 05 21.9	−64 27 01	3326		16.0	10.6	282.5	−47.0		W 84-5, MacCon, CCCS 2057		2
13 05 26.3	−64 16 08	3327		16.5	9.9J	282.3	−47.1		MacCon 400, Aar89		1
13 06 11.3	−57 59 21	3329			7.2J	275.0	−51.2		Lit 96, Epc90-142		1
13 06 26.5	−20 03 07	3335		8.5		207.4	−58.4	R0(Van)	113801(K5p), -19:3634, CCCS 2059	R	3
13 06 41.0	−66 43 38	3330		15.2		284.7	−45.3		MacCon 401		1
13 06 43.1	−66 44 52	3331		15.2		284.7	−45.3		MacCon 402		1
13 06 51.5	−61 39 34	3333		14.2		279.3	−48.8		MacCon 404		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
13 06 55.9	−66 33 33	6507				284.5	−45.4		Aar89		1
13 07 02.9	−65 01 49	3332		15.9		282.9	−46.5		MacCon 405,Aar89		1
13 07 04.2	−62 58 08	3334		16.5		280.7	−47.9		MacCon 406		1
13 07 46.4	−64 20 22	6508			14.5J	282.1	−46.9	3.1(GJG94);c	Fou92,GJB93,Gro93		i
13 07 49.6	−65 29 13	3336		15.2		283.3	−46.1		MacCon 407		1
13 07 52.1	−66 57 01	6509				284.8	−45.1		Aar89	R	3
13 07 57.4	−64 28 53	3337		15.0	10.5	282.3	−46.8		W 84-6, CCCS 2060		2
13 08 11.3	−66 53 49	3338		11.2:		284.7	−45.1	N(Ste)	Ste, MacCon, CCCS 2061		1
13 08 29.4	−65 56 41	6510				283.7	−45.7		Aar89		1
13 08 30.4	−66 53 47	6511				284.7	−45.1		Aar89		1
13 08 59.9	−64 51 17	3339		12.0	9.2	282.5	−46.5		W 84-7, MacCon, CCCS 2062		2
13 09 51.1	−66 35 47	6512				284.3	−45.2		Aar89		1
13 09 59.8	−64 45 01	3340		16.2		282.3	−46.4		MacCon 408		1
13 10 28.2	−67 04 39	3341		17.2		284.7	−44.8		MacCon 409		1
13 10 28.8	−65 50 31	3343		14.2		283.4	−45.7		MacCon 410, Aar89		1
13 10 31.8	−66 55 03	3342		14.9		284.5	−44.9		MacCon 411		1
13 10 39.1	−65 47 13	6513				283.4	−45.7		Aar89		1
13 10 45.1	−66 55 21	6514				284.5	−44.9		Aar89		1
13 12 08.1	−67 02 42	6515				284.5	−44.7		Aar89		1
13 12 13.5	−35 33 32	3348	12.9			237.5	−59.0	R(Sto)	Sto IV-52, CCCS 2066		1
13 12 26.0	−60 42 50	3344			10.1J	277.5	−48.9		Lit 97,Epc90-143		1
13 12 38.5	−58 34 18	3347		10.0	6.7	274.9	−50.2		W 82-4, Hen 191,MacCon,CCCS 2065		2
13 12 41.5	−66 32 16	6516				283.9	−45.0		Aar89		1
13 12 42.6	−64 16 31	3345		15.5	11.4	281.5	−46.6		W 84-8, MacCon, CCCS 2063		2
13 12 55.5	−65 49 34	3346		11.5		283.2	−45.5	R(Ste)	Wray 260(CE), Ste, CCCS 2064	R	1
13 13 38.3	−63 44 18	3349		12.5	10.0	280.8	−46.8		W 84-9, MacCon, CCCS 2067		2
13 13 46.6	−66 24 60	6517				283.7	−45.0		Aar89		1
13 13 54.4	−66 23 33	3350		11.5	8.0	283.7	−45.0	R-N(Ste)	Wray 261, W 84-10, Ste,CCCS 2068	R	1
13 14 50.2	−64 40 15	6518				281.7	−46.1		Aar89		1
13 14 52.3	−64 44 30	3351		15.2		281.8	−46.1		MacCon 412		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
13 14 57.6	−63 11 10	3352		13.0		280.1	−47.1		Ste85		1
13 15 26.2	+06 25 01	3358		11.4		174.3	−41.6	R(Ste)	Ste85		1
13 15 28.5	−45 07 50	3354	13.4			254.7	−56.2	R(Sto)	Sto IV-85, CCCS 2070		1
13 15 33.0	+35 19 58	6519			15.0r	153.4	−18.9	C1,2(GreMar90)	SndPes88=CLS 67		1
13 15 34.4	−41 07 09	3356	14.3			247.7	−57.4	R(Sto)	Sto IV-69, CCCS 2071		1
13 15 35.5	−56 00 29	3353	12.4			271.2	−51.3	R(Ste)	Ste, CCCS 2069		2
13 16 06.7	−57 55 12	3357		11.7		273.6	−50.2		Wray 262, CCCS 2072		1
13 16 14.4	−63 10 16	3355		17.2	9.0J	279.9	−47.0		MacCon 413,Aar89		1
13 16 57.0	−63 46 21	3359		17.2		280.5	−46.5		MacCon 414		1
13 17 01.1	−65 25 26	6520				282.3	−45.4		Aar89		1
13 17 29.2	−62 50 21	3360		17.2	8.9J	279.4	−47.1		MacCon 416, Aar89		1
13 17 32.9	−44 55 11	3363	14.0			254.1	−55.9	R(Sto)	Sto IV-86, CCCS 2074		1
13 17 49.9	−65 08 40	6521				282.0	−45.6		Aar89		1
13 17 53.9	−66 34 27	3361		15.2		283.5	−44.6		MacCon 417		1
13 18 12.8	−63 52 08	3362			12.0	280.5	−46.4		W 84-11, CCCS 2073		2
13 18 20.9	−50 45 40	3366	13.6			263.4	−53.6	R(Sto)	Sto IV-107, CCCS 2076		1
13 18 29.3	−63 10 27	3364		16.2	7.9J	279.7	−46.8		MacCon 418,Aar89		1
13 18 41.6	−64 55 02	3365		11.0		281.6	−45.6	R-N(Ste)	Wray 263, Ste, MacCon, CCCS 2075		1
13 18 45.4	−66 41 44	6522				283.5	−44.5		Aar89		1
13 19 37.7	−60 47 04	3367	11.5			276.8	−48.1	C-Sle(Ste)	-60:4608, Ste, TT Cen, CCCS 2077	R	2
13 19 46.2	−66 17 07	6523				283.0	−44.7		Aar89		1
13 20 00.4	−40 50 26	3369	14.3			246.8	−56.6	R(Sto)	Sto IV-70, CCCS 2079		1
13 21 13.8	−74 26 31	3368	9.4	7.0	3.6J	290.8	−39.0	Np(HD)	115673, -73:848, T Mus,CCCS 2078	R	0
13 21 23.1	−64 13 13	3370		15.2	9.0J	280.6	−45.9		MacCon 419, Aar89		1
13 21 29.6	−63 30 18	3371		16.2	9.1J	279.8	−46.3		MacCon 420,Aar89		1
13 21 29.8	−66 08 42	6524				282.7	−44.6		Aar89		1
13 21 39.2	−65 27 10	3372			10.0	281.9	−45.1		W 87-1, CCCS 2080		2
13 21 46.3	−64 16 04	3373		15.5	10.0	280.6	−45.8		W 87-2, CCCS 2081		2
13 22 01.2	−63 08 42	6525			8.7J	279.3	−46.5		Aar89		1
13 22 09.9	−64 13 08	3374	10.1	7.5		280.5	−45.8	Nb(HD)	115977, UX Cen, Ste, CCCS 2082	R	0

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
13 22 44.5	−65 44 24	3375			12.6J	282.1	−44.8		Lit 98, Epc90-145		1
13 23 08.5	−62 39 41	6526				278.6	−46.7		Aar89		1
13 23 09.8	−65 51 52	3376		14.9		282.2	−44.7		MacCon 421		1
13 23 15.7	+03 43 47	3379	11.1	9.7		178.8	−42.1	R0(VyssBalz58)	+4:2735, VyssBalz58, CCCS 2083		0
13 23 33.2	−60 42 44	3377		16.5		276.3	−47.8		MacCon 422		1
13 24 07.7	−60 43 27	6527			10.9K	276.2	−47.7	c	Epc90-146		i
13 24 36.5	−64 34 35	6528				280.7	−45.4		Aar89		1
13 25 05.4	−67 55 42	3378		14.9		284.3	−43.2		MacCon 423		1
13 25 14.0	−65 23 19	3380		16.2		281.5	−44.8		MacCon 424		1
13 25 19.3	−66 25 28	3381		9.6		282.6	−44.2	CE(Wray)	-65:1471, Wray 264, CCCS 2084	*	1
13 25 54.8	−66 15 59	6529				282.4	−44.2		Aar89		1
13 26 01.7	−47 33 05	3382	13.4			257.6	−53.7	R(Sto)	Sto IV-94, CCCS 2085	R	1
13 26 07.7	−64 13 06	6530			9.5J	280.1	−45.5		Aar89		1
13 26 48.0	−47 18 33	6531	13.7	12.2		257.1	−53.6	CH(Bon75)	Bon75	R	2
13 26 49.8	−38 53 19	3385	11.6			243.0	−55.7	R(Sto)	Sto IV-62, BidMac, CCCS 2087		1
13 27 12.2	−61 26 19	3384		16.5		276.8	−47.0		MacCon 426		1
13 27 27.2	−65 42 17	3383		14.0	10.0	281.7	−44.4		W 87-3, MacCon, CCCS 2086		2
13 27 40.4	−47 43 11	3389	13.0			257.7	−53.3	R(Sto)	Sto IV-45, CCCS 2089	R	1
13 27 42.8	−60 54 40	3386		17.2		276.1	−47.3		MacCon 427		1
13 27 43.3	−31 57 43	3390	13.0			230.6	−55.9		Sto IV-36, CCCS 2090		1
13 27 57.1	−63 16 39	3387			10.7	278.9	−45.9		W 87-4, MacCon, CCCS 2088		1
13 28 01.4	−64 02 08	3388		15.9		279.7	−45.4		MacCon 428		1
13 28 39.6	−47 26 32	3391	13.0			257.2	−53.3	R(Sto)	Sto IV-96, CCCS 2091	R	1
13 29 35.4	−55 12 19	3396		9.6:		268.5	−50.0	N:(Ste)	Ste, Hen 197, CCCS 2093		2
13 29 37.6	−62 00 44	3392		16.2		277.2	−46.4		MacCon 429		1
13 29 47.1	−64 08 28	3393		13.5	10.0	279.7	−45.2		W 87-5, MacCon, CCCS 2092	R	2
13 29 47.7	−63 17 07	3394		16.9		278.7	−45.7		MacCon 430		1
13 29 59.5	−64 26 55	3395		16.2		280.0	−45.0		MacCon 431		1
13 30 25.9	−63 24 30	3398		11.2	8.0	278.8	−45.6	N(Ste)	W 87-6, Ste, MacCon, CCCS 2095	*	1
13 30 32.0	−68 52 02	3397	13.5	9.5		284.8	−42.2	N(Ste)	Ste, YY Mus, Hen 196, CCCS 2094	*R	1

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13 30 39.2	−65 50 04	6532				281.5	−44.1		Aar89		1
13 31 11.0	−64 05 04	3399		15.5		279.5	−45.1		MacCon 432		1
13 31 17.6	−64 52 01	3400			9.5	280.4	−44.6		W 87-7, MacCon, CCCS 2096		2
13 31 24.8	−63 20 36	6533				278.6	−45.5		Aar89		1
13 32 41.7	−53 49 52	3405	9.3	8.9		266.3	−50.2	R5(HD);C4,5(War)	117619,-53:5201,Ste(R),V971 Cen	R	0
13 32 41.8	−62 59 06	3401			11.5	278.1	−45.6		W 86-1, CCCS 2097		2
13 32 51.0	−62 59 11	3402			11.5	278.1	−45.6		W 86-2, CCCS 2098		2
13 33 02.9	−61 01 57	3403		16.2		275.7	−46.6		MacCon 433		1
13 33 19.1	+41 54 36	6534			12.2r	152.5	−11.5		AbrGig90		3
13 33 21.1	−65 34 47	6535			9.9J	281.0	−44.0		Aar89		1
13 33 22.2	−65 31 34	3404		12.0	8.0	281.0	−44.1		W 87-8, MacCon, CCCS 2100		2
13 34 05.8	−63 41 19	3406		16.0	12.0	278.8	−45.1		W 87-9, MacCon, CCCS 2101		2
13 34 10.0	−59 23 08	6536			9.6J	273.6	−47.4	c	Epc90-147		i
13 34 22.0	−61 52 29	3407		12.0	7.9	276.6	−46.1		W 86-3, MacCon, CCCS 2102		2
13 35 30.5	−41 18 21	3409		12.4		246.6	−53.7	R(Sto)	Sto IV-75, CCCS 2104		0
13 35 44.6	−64 57 33	3408		15.0	9.0	280.1	−44.2		W 87-10, MacCon, CCCS 2103		2
13 37 36.1	−56 28 35	3412	9.0	7.0		269.4	−48.4	Nb(HD)	118322, RV Cen, Ste(N),CCCS 2106	R	0
13 37 40.7	−62 48 55	3410			10.5	277.4	−45.2		W 86-4, MacCon, CCCS 2105		2
13 37 41.1	−58 23 11	3411			8.7J	271.9	−47.5		Lit 99,Epc90-148		1
13 38 27.5	−63 48 27	3414		16.0	11.2	278.5	−44.6		W 87-11, MacCon, CCCS 2108		2
13 38 37.8	−69 00 35	3413	13.0			284.3	−41.6	R(Ste)	Ste, CCCS 2107		2
13 39 11.6	−47 42 42	3417	13.2			256.7	−51.5	R(Sto)	Sto IV-97, CCCS 2111		1
13 39 15.0	−63 43 38	3415			11.2	278.4	−44.6		W 87-12, MacCon, CCCS 2109		2
13 39 16.4	−60 43 46	6537				274.8	−46.2		Aar89		1
13 39 16.8	−60 29 20	6538			8.7H	274.5	−46.3	c	Epc90-149		i
13 39 35.3	−60 54 22	3416	13.0			275.0	−46.0	N3(MayCann40)	MayCann40, Ste, MacCon,CCCS 2110		1
13 40 10.6	−60 54 25	6539			11.3J	274.9	−46.0		Aar89		1
13 40 40.0	−59 16 36	3418		13.5	9.2	272.8	−46.7		W 88-1, MacCon, CCCS 2112		2
13 41 26.2	−65 28 24	3420		16.0	12.0	280.2	−43.4		W 87-13, CCCS 2114		2
13 41 34.3	−67 48 31	3419	13.7	11.8		282.8	−42.1	R(Ste)	Ste, AO Mus, MacCon, CCCS 2113	+	1

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13 41 44.1	−65 39 57	3421		10.5	7.7	280.4	−43.3		W 87-14, MacCon, CCCS 2115		2
13 42 02.2	−62 31 52	6540				276.7	−45.0	CS(Aar89)	Aar89		1
13 42 27.0	−07 15 20	6541			13.5r	194.9	−44.9		GAA98		2
13 43 06.5	−65 32 42	3422		15.9		280.2	−43.2		MacCon 434		1
13 43 28.5	−64 58 60	3423		14.9		279.5	−43.5		MacCon 435		1
13 43 56.1	−60 31 36	3426		17.2		274.1	−45.8		MacCon 436		1
13 43 57.5	−66 00 50	3424			11.5	280.6	−42.9		W 87-15, MacCon, CCCS 2116		1
13 44 19.7	−63 11 48	3428		15.0	9.2	277.3	−44.4		W 90-1, MacCon, CCCS 2119	R	1
13 44 27.4	−64 49 29	3427		10.8	7.7	279.2	−43.5	N:(Ste)	W 87-16, Ste, MacCon, CCCS 2118		1
13 44 48.7	−70 36 15	3425	13.0	9.3		285.6	−40.2	N(Sto)	Sto I-21, Ste(N), CCCS 2117	R	2
13 46 19.5	−63 45 03	3429		15.0	9.2	277.8	−43.9		W 90-2, MacCon, CCCS 2120	R	2
13 46 58.7	−58 56 35	3431		11.7	8.2	271.8	−46.2	N:(Ste)	W 88-2, Ste, MacCon, CCCS 2121		1
13 47 24.0	−62 12 38	6542				275.9	−44.6		Aar89		1
13 47 29.2	−66 16 47	3430		14.9		280.7	−42.4		MacCon 437		1
13 47 46.6	−61 26 08	3433		11.9	7.8	274.9	−44.9		W 89-1,Ste(C::),MacCon,CCCS 2123	R	2
13 47 51.5	−63 26 04	3432			11.5	277.3	−43.9		W 90-3, MacCon, CCCS 2122		2
13 48 26.7	−67 25 19	3434		15.2		281.9	−41.7		MacCon 438		1
13 48 31.6	−66 20 31	3435		14.9		280.7	−42.3		MacCon 439		1
13 48 52.7	−63 15 38	3436			12.0	277.0	−43.9		W 90-4, CCCS 2124		2
13 49 50.2	−62 02 18	6543				275.5	−44.4		Aar89		1
13 50 40.5	−67 07 45	3437		14.7		281.4	−41.7		MacCon 440		1
13 50 58.8	−33 06 58	3442	10.3			233.0	−51.0	R(Sto)	Sto IV-41, -32:9660, CCCS 2126	R	1
13 51 11.6	−65 27 42	3438		14.9		279.5	−42.6		MacCon 441		1
13 51 28.8	−65 46 56	3439			10.4H	279.8	−42.4	IRAS C;c(GJB93)	Lit 100, GJBSW, AFGL 4183		1
13 52 03.3	−67 30 57	3441			8.8J	281.7	−41.4		Lit 101,Epc90-150,Fou92		1
13 52 05.8	−62 32 42	6544				275.9	−43.9		Aar89		1
13 53 01.2	+00 47 14	6545			15.9r	187.9	−38.2	N(Tot98)	Tot98		2
13 53 41.2	−60 32 40	3443		12.0	7.8	273.3	−44.7		W 89-2, MacCon, CCCS 2127		2
13 54 06.9	−61 49 57	3445			10.7	274.9	−44.1		W 89-3, MacCon, CCCS 2129	R	2
13 54 15.1	−65 22 27	3444			11.5	279.1	−42.3		W 90-5, MacCon, CCCS 2128		2

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
13 54 24.5	−61 11 44	6546				274.1	−44.3	CS(Aar89)	Aar89		1
13 54 35.0	−64 03 26	3446			11.7J	277.6	−43.0		Lit 102,Epc90-151		1
13 54 42.5	−60 50 41	3447		17.2	7.4J	273.6	−44.5		MacCon 442, Aar89		1
13 55 26.1	−59 22 19	6547			9.9J	271.7	−45.0		Aar89		1
13 55 44.2	−18 14 40	6548		7.8		211.1	−46.8	C2,1(Yam)	Ros51		3
13 56 02.1	−63 05 40	3449			11.3	276.3	−43.3		W 90-6, CCCS 2131		2
13 56 13.2	−62 06 06	3450		17.2		275.1	−43.7		MacCon 443		1
13 56 19.1	−62 01 41	3451		17.2	7.8J	275.0	−43.8		MacCon 444, Aar89		1
13 56 20.1	−59 06 30	3452		14.2		271.3	−45.0		MacCon 445		1
13 56 39.7	−57 42 18	3453			10.0	269.4	−45.6		W 91-1, CCCS 2132		2
13 56 41.6	−49 36 56	3455	13.2			258.3	−48.2	R(Sto)	Sto IV-106, CCCS 2133		1
13 57 14.8	−60 13 01	3454		16.5	9.2J	272.6	−44.5		MacCon 446, Aar89		1
13 58 16.9	−56 21 09	3456	9.8	7.8		267.5	−45.9	Na(HD)	121658, NSV 6507, CCCS 2134	R	1
13 58 45.5	−58 15 28	3457			11.5	270.0	−45.1		W 91-2, CCCS 2135		2
13 59 19.2	−79 21 29	3448	13.1			293.6	−34.1	N(Sto)	Sto I-41, CCCS 2130		1
13 59 20.5	−59 06 43	3459		14.0	9.5	271.1	−44.7		W 91-3, CCCS 2136		2
13 59 29.3	−64 06 44	3458		14.7		277.3	−42.5		MacCon 447		1
14 00 35.9	−60 03 31	3462		11.0		272.2	−44.1		Wray 269, CCCS 2139		1
14 00 42.5	−61 36 32	3461		11.0	6.5	274.1	−43.5	C-S(Ste)	Ste, W 92-1, Hen 204, CCCS 2138	R	1
14 00 50.1	−65 23 26	3460		16.0	11.7	278.7	−41.7		W 90-7, MacCon, CCCS 2137	R	1
14 01 55.5	+32 49 33	3469		9.4		162.9	−14.9	R2(Van)	+33:2399, D 202(R), CCCS 2141	R	0
14 02 52.9	−53 08 48	3463			8.6J	262.9	−46.3		Lit 103,Epc90-153		1
14 03 42.5	−58 13 45	3466		15.2		269.6	−44.5		MacCon 449		1
14 03 57.6	−64 50 07	3464		15.5		277.8	−41.7		MacCon 448		1
14 04 01.9	−65 14 43	3465		16.2		278.3	−41.5		MacCon 450		1
14 04 04.3	−60 37 01	3467		14.5	10.3	272.7	−43.5		W 92-2, MacCon, CCCS 2140		2
14 04 05.2	−61 01 49	6549			7.7J	273.2	−43.4		Aar89		1
14 04 09.2	−58 13 30	3468		15.2		269.6	−44.4		MacCon 451		1
14 04 33.3	−59 41 17	3470		14.5	8.3J	271.4	−43.8		MacCon 452, Lit 104, Epc90-154		1
14 05 32.9	−62 20 35	3472		14.3		274.7	−42.6		MacCon 453		1

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14 05 42.4	−67 00 55	3471	12.0	9.0		280.3	−40.5	N(Ste)	Ste, U Cir, Hen 205, CCCS 2142	**R	0
14 06 09.0	−63 07 04	6550			10.6J	275.6	−42.3		Aar89		1
14 07 06.1	−58 13 40	3474			11.5	269.4	−44.1		W 91-4, CCCS 2144		2
14 07 12.2	−52 30 44	3476		10.0		261.7	−45.9		MacCon79(Ce)		2
14 07 14.0	−67 54 47	3473		11.2:		281.2	−40.0	Ne(Ste)	Ste, MacCon, CCCS 2143	R	2
14 07 31.9	−59 41 38	3475			11.5	271.3	−43.5		W 91-5, CCCS 2145		2
14 08 35.0	+05 06 32	3478		13.5	12.0r	186.5	−32.5	N(Ste,Tot98)	Ste85		1
14 10 27.9	−58 56 31	3477		14.5	10.0	270.1	−43.4		W 94-1, CCCS 2146		2
14 10 49.2	−60 03 03	3479		17.2	7.9J	271.5	−43.0		MacCon 454, Aar89		1
14 13 30.9	−61 21 55	3480		14.0	10.8	273.0	−42.2		W 92-3, MacCon, CCCS 2147		2
14 14 07.4	−53 55 55	3481	9.6	7.4		263.3	−44.5	Nb(HD)	124268, CSV 2116, V996 Cen	R	0
14 14 48.7	−59 49 48	6551			10.0J	271.0	−42.6		Aar89		1
14 15 17.8	−60 55 17	3482			10.6	272.3	−42.1		W 92-4, MacCon, CCCS 2149	R	1
14 15 22.7	−61 26 18	6552			7.4J	273.0	−41.9		Aar89		1
14 15 50.6	−58 59 14	3483		12.0	8.2	269.8	−42.7		Wray 273, W 94-2, CCCS 2150	R	1
14 16 38.9	−58 58 44	3484		9.5	6.0	269.8	−42.7		W 94-3, CCCS 2152	R	2
14 17 44.4	+29 23 11	6553			11.5r	167.9	−15.0	C0,0(GreMar90)	SndPes88=CLS 80		1
14 18 18.7	−61 49 33	6554				273.3	−41.5	CS(Aar89)	Aar89		2
14 19 09.6	−56 59 35	3485		9.7	5.4	267.1	−42.9	N(Ste)	W 94-4, Ste, Hen 209, CCCS 2153	R	1
14 19 48.8	−61 01 14	6555			9.9J	272.2	−41.6		Aar89		1
14 19 58.2	−62 16 01	6556			11.8J	273.7	−41.1	c	Epc90-157		i
14 22 19.9	−49 50 57	3489	12.6	8.3		257.3	−44.1	Nb(HD)	125651, T Lup, Ste(N), CCCS 2157	R	2
14 22 27.2	−63 29 53	3486		15.0	12.0	275.1	−40.4		W 93-1, CCCS 2154		2
14 22 43.3	−57 52 39	3488		16.0	11.0	268.0	−42.2		W 94-5, MacCon, CCCS 2156	R	1
14 23 07.0	−63 40 49	3487			11.5	275.3	−40.3		W 93-2, CCCS 2155		2
14 23 27.7	−47 31 21	3492	10.7	8.5		254.1	−44.3	Nb(HD), R(Sto)	125849, RS Lup, CCCS 2160	R	0
14 24 06.3	−61 17 50	3491		13.0	9.1	272.3	−41.0		W 95-1, CCCS 2159		2
14 24 10.1	−63 44 21	3490		10.0	6.0	275.3	−40.2		W 93-3, Ste, Hen 210, CCCS 2158	R	1
14 24 20.9	+04 47 36	3495		11.4	8.9	189.5	−29.5	R(Ste)	Ste		1
14 24 35.4	−59 21 42	3493		16.0		269.8	−41.6		MacCon 455		1

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14 26 27.8	−60 02 11	3494		10.2	6.0	270.6	−41.1	N(Ste)	W, Hen, MacCon, Ste, CCCS 2161	R	1
14 26 58.7	−61 20 21	6557			12.6J	272.2	−40.7	c	Epc90-158		i
14 29 29.7	−55 59 09	3496		10.0	5.5	265.2	−41.8	N:(Ste)	W 97-1, Ste, Hen 214, CCCS 2162	R	1
14 29 52.3	−58 18 37	3497		11.5	8.2	268.2	−41.2	R-N(Ste)	Wray 279(CE), Ste, CCCS 2163	R	1
14 31 41.6	−43 42 10	3499	13.0			248.6	−43.1	R(Sto)	Sto IV-80, CCCS 2165		1
14 31 52.9	−52 58 56	6558			13.8J	261.2	−42.1	c	Epc90-159		i
14 31 57.6	−47 19 44	6559			9.6J	253.6	−42.9	c	Fou92		i
14 32 18.5	−59 18 50	3498		11.8	7.5	269.4	−40.6	N(Ste)	W 95-4, Ste, MacCon, CCCS 2164	R	1
14 32 28.7	−05 31 18	6560			17.0r	201.0	−33.3	N(Tot98)	Tot98		2
14 32 40.4	−14 23 46	3504		11.7:		210.8	−37.2	N(Ste)	BidMac, Ste		2
14 34 05.5	−59 44 03	3501		16.2		269.9	−40.3		MacCon 456		1
14 34 23.0	−51 39 25	3506			8.2J	259.4	−41.9		Lit 105, Epc90-160		1
14 34 26.2	−65 36 24	3500		11.8		277.1	−38.5		Ste, MacCon, CCCS 2166		2
14 34 32.5	−08 08 50	6561			12.8r	204.1	−34.1	R(GAA98)	GAA98		2
14 34 45.8	−61 46 24	3503		12.0	8.0	272.4	−39.7		W 96-1, MacCon, CCCS 2168		2
14 34 47.0	−60 22 55	3505			11.3	270.6	−40.0		W 95-5, CCCS 2169		2
14 34 49.0	−63 57 13	3502			11.5	275.1	−39.0		W 96-2, CCCS 2167		2
14 35 05.7	−60 33 09	3507			11.3	270.8	−40.0		W 95-6, MacCon, CCCS 2170		2
14 35 46.4	−61 19 38	3509			11.3	271.8	−39.7		W 96-3, CCCS 2172		2
14 35 51.7	−43 22 03	3510	10.5	7.5		248.2	−42.4	N(San);C4,3(Yam)	128033(Na), Z Lup, CCCS 2173	R	0
14 35 55.6	−63 31 20	3508	12.2			274.5	−39.0	R(Ste)	Ste, CCCS 2171		1
14 36 54.8	−30 13 04	3513	12.6			230.6	−41.0	R(Sto)	Sto IV-25, Sto IV-30, CCCS 2176	*	0
14 37 25.6	−08 16 33	6562			14.2r	204.6	−33.5	R(GAA98)	GAA98		2
14 37 41.1	−61 25 53	3511		12.5	9.0	271.8	−39.4	N:(Ste)	W 96-4, Ste, MacCon, CCCS 2174		2
14 37 46.3	−09 27 48	6563			13.2r	205.9	−33.9		GAA98		2
14 37 47.0	−62 00 24	3512		10.6	6.0	272.5	−39.2	N(Ste)	W 96-5, Ste, Hen 216, CCCS 2175	R	2
14 38 21.1	−42 57 36	3514		12.4		247.6	−41.9		Wray 280, CCCS 2177		1
14 39 43.7	−35 15 24	3518	13.5			237.4	−41.2	R(Sto)	Sto IV-53, CCCS 2179		1
14 40 07.1	−55 52 11	3515		15.4		264.7	−40.4		MacCon 457		1
14 41 03.2	−62 45 51	3516		11.1	6.8	273.3	−38.7	R:(Ste)	W 96-6, Ste, CCCS 2178	R	1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
14 41 28.3	−61 46 49	3519	13.0	9.0		272.1	−38.9	N(Ste)	Ste, Hen 217, MacCon, CCCS 2180		2
14 41 41.3	−65 20 43	3517		13.8		276.5	−37.8		MacCon 458		1
14 42 27.5	−60 26 28	3520		13.0	8.0	270.4	−39.1		MacCon 459,W 98-1		1
14 42 31.5	−48 03 48	3522	13.5			254.4	−41.0	R(Sto)	Sto IV-99, CCCS 2183		1
14 42 49.4	−61 02 37	3521		12.5	8.0	271.1	−38.9		W 96-7, MacCon, CCCS 2181		2
14 43 13.7	−57 08 45	3523		17.0		266.2	−39.7		MacCon 460		1
14 43 41.1	−58 08 57	3524			12.5	267.5	−39.5		W 98-2, MacCon, CCCS 2182	R	1
14 44 25.8	−63 33 26	3525			13.0J	274.2	−38.1		Lit 106, Epc90-161		1
14 44 48.8	−01 10 56	6564			14.6r	198.4	−28.5	N(Tot98)	Tot98		2
14 45 21.7	−58 10 10	3527			12.5	267.4	−39.3		W 98-3, MacCon, CCCS 2185		2
14 45 40.6	−61 41 43	3526		10.6	6.0	271.8	−38.4	N:(Ste)	W 96-8, Ste, MacCon, CCCS 2184		2
14 46 00.9	−57 44 28	3528		16.0	10.0	266.9	−39.3		W 101-1, CCCS 2186		2
14 46 04.0	−36 19 21	3531	13.8			239.0	−40.0	R(Sto)	Sto IV-58, CCCS 2188		1
14 46 33.0	−32 10 15	3533	8.7	8.2		233.7	−39.3	F4-G0(R)(LE83)	129881, -31:11449, V553 Cen	R	2
14 46 37.0	−55 39 42	3530		16.0	10.0	264.2	−39.5		W 97-2, CCCS 2187		2
14 47 16.8	−27 00 52	3535	13.0			227.2	−38.0	R(Sto)	Sto IV-10, CCCS 2192		1
14 47 29.4	−54 06 57	3532		11.7		262.2	−39.6		Wray 282, MacCon, CCCS 2189		1
14 48 04.6	−57 20 39	6565			11.5H	266.3	−39.1	c	Epc90-162		i
14 48 21.2	−47 34 59	3536	14.4			253.7	−40.1	R(Sto)	Sto IV-100, CCCS 2193		1
14 48 30.8	−54 48 01	3534		13.5	11.0	263.0	−39.4		W 99-1,MacCon2000,CCCS 2191		0
14 49 28.1	−74 31 53	3529		10.9		286.8	−34.0		MacCon79(very early)		2
14 50 55.4	−53 58 14	3537		16.5		261.9	−39.2		MacCon 461		1
14 52 23.8	−62 04 23	3538		18.8	15.0	272.1	−37.6		MacCon 462, Lit 107, AFGL 4202	R	1
14 53 43.2	−13 13 05	6566			15.2r	211.9	−32.0	N(Tot98)	Tot98		2
14 55 14.0	−28 55 25	3543	13.5			230.1	−36.8	R(Sto)	Sto IV-17, CCCS 2196		1
14 56 03.0	−61 10 40	3539			10.3J	270.9	−37.3		Lit 108, Epc90-164		1
14 56 20.9	−57 44 25	3541		16.0	11.0	266.6	−37.9		W 98-4,MacCon,CCCS 2194,MacCon2000		0
14 56 47.4	−60 17 52	6567			8.8H	269.7	−37.4	c	Epc90-165		i
14 56 51.7	−64 20 15	3540		15.9		274.7	−36.6		MacCon 463		1
14 57 06.6	−62 03 42	3542			10.0	271.9	−37.0		W 100-1, MacCon, CCCS 2195		2

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
14 57 09.5	−30 11 58	3544	11.1	9.0		231.8	−36.7	R(May51)	-29:11419, May51, CCCS 2197	R	1
14 58 24.5	−40 11 47	3547	14.6			244.3	−38.0	R:(Sto)	Sto IV-66, CCCS 2199		1
14 58 24.9	−53 30 15	6568				261.2	−38.1		MacCon2000		0
14 58 54.4	−58 10 04	3546		17.2		267.0	−37.5		MacCon 464		1
14 59 18.1	−29 53 07	3549	13.5			231.5	−36.1	R(Sto)	Sto IV-27, CCCS 2201		1
14 59 19.0	−29 04 04	3550	13.2			230.6	−36.0	R(Sto)	Sto IV-18, CCCS 2202		1
14 59 44.0	−53 24 29	3548	11.1	8.0	4.5	261.0	−37.9	Nb(HD);C5,5(War)	132181,V Lup,MacCon2000,CCCS 2200	R	0
15 00 06.6	−67 40 35	3545	12.4			278.6	−35.4	R(Ste), N(HD)	131927, Ste, CCCS 2198		1
15 00 43.3	−24 40 54	3553	13.9			225.5	−34.5	R(Sto)	Sto IV-7, CCCS 2204		1
15 01 21.5	−55 09 00	6569				263.2	−37.5		MacCon2000(C:)		0
15 01 39.6	−63 02 54	3551		15.2		273.0	−36.3		MacCon 465		1
15 01 42.3	−37 52 49	3554	10.7			241.5	−37.1	R(Sto)	Sto IV-60, CCCS 2205		1
15 01 57.6	+83 03 48	3582		12.1	12.2r	129.7	23.8	R(GigAmb)	Ste85, Z UMi		1
15 02 32.7	−44 50 12	6570			9.1J	250.2	−37.6	c	Fou92		i
15 02 34.8	−62 23 09	3552		15.0	11.0	272.1	−36.3		W 100-2, MacCon, CCCS 2203		2
15 03 47.5	−61 40 41	3555		17.0		271.3	−36.3		MacCon 466		1
15 03 51.7	−23 12 48	3556	14.6			224.1	−33.3	R(Sto)	Sto IV-5, CCCS 2206		1
15 04 00.5	−02 51 05	3558		10.6		202.7	−25.1	R6(San)	133332(R5), -2:3939, CCCS 2208	R	0
15 04 56.0	+35 47 60	6571			16.0r	169.5	−3.3		AbrGig89a		3
15 05 07.4	−49 46 49	3557	12.8			256.4	−37.3	R(Ste)	Ste, CCCS 2207		1
15 05 08.3	−22 36 23	3561	11.6	11.4		223.5	−32.9	N(Sto)	Sto IV-3,WW Lib,Ste(N),CCCS 2211	R	1
15 06 11.6	−54 28 35	3559		13.0	9.0	262.3	−36.9		W 102-2,MacCon2000,CCCS 2209		0
15 06 24.2	−57 14 57	3560		10.2	5.0	265.7	−36.6	N(Ste)	W 101-2, Ste, Hen 220, CCCS 2210	R	0
15 06 50.0	+82 45 23	3591		10.0		130.0	23.8	R0(Van)	+83:442, Van 61, CCCS 2237	R	0
15 07 48.1	−32 26 36	3566	13.6			235.1	−34.9	R(Sto)	Sto IV-42, CCCS 2215		1
15 08 04.5	−54 49 54	3563			9.5J	262.7	−36.6	IRAS C;c(Epc90)	Lit 109,Epc90-167		1
15 08 57.3	−61 47 25	3564		15.0	10.6	271.3	−35.7		W 100-3, MacCon, CCCS 2213		2
15 08 59.0	−53 33 31	3565		11.0	8.2	261.1	−36.5		W 102-3,MacCon2000,CCCS 2214		0
15 09 24.6	−72 03 45	3562	9.6	9.0		283.5	−33.5	R3(HD)	133444,-71:1120,S Aps, CCCS 2212	R	0
15 10 39.9	−55 13 48	3567		16.0	11.3	263.2	−36.2		W 104-1,MacCon2000,CCCS 2217		0

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15 11 41.8	−48 20 01	3570			9.2J	254.6	−36.2	IRAS C; c	Lit 110, Fou92, AFGL 4211		1
15 11 46.0	−60 56 21	3568		11.3	7.3	270.2	−35.5	R(Ste)	W 103-1, Ste, MacCon, CCCS 2218		2
15 12 14.1	−57 13 24	6572			11.1H	265.6	−35.8	c	Epc90-168		i
15 12 28.3	−09 14 03	3575	19.9	18.0	16.5r	210.0	−26.2	CH(Tot98)	Marg,Mar84,G77-61		0
15 13 24.2	−58 49 35	3571			11.5	267.6	−35.5		W 103-2,MacCon2000,CCCS 2220		0
15 13 34.7	−57 09 30	3573		15.5	11.0	265.5	−35.7		W 104-2, CCCS 2222		2
15 13 38.6	−60 20 16	3572	12.0	9.5	4.5	269.4	−35.3	N(May51)	-59:5568, May51,AS Cir,CCCS 2221	R	2
15 13 41.5	−03 53 48	6573			15.2r	204.9	−23.5	N(Tot98)	Tot98		2
15 14 03.0	−52 54 31	3574		15.0	12.5	260.3	−35.8		W 105-1, CCCS 2223		2
15 14 19.2	−70 04 46	3569	8.1	6.0		281.0	−33.6	N(San);C5,5(War)	134453(Nb), X TrA, CCCS 2219	R	0
15 14 21.9	−45 13 51	3576	12.4			250.8	−35.5	R(Sto)	Sto IV-89, CCCS 2224		1
15 15 37.8	−21 24 48	3581	14.0			223.1	−30.2	R(Sto)	Sto IV-1, CCCS 2229		1
15 15 44.6	+66 26 25	6574			10.7r	145.3	15.9	R(Abr94)	Abr94		2
15 15 47.1	−59 27 16	3577		11.9	8.5	268.3	−35.2	R:(Ste)	W 103-4, Ste, CCCS 2225		1
15 16 26.1	−59 01 18	3578		16.0	10.0	267.8	−35.1		W 103-5,MacCon2000,CCCS 2226		0
15 17 01.1	−58 32 56	6575				267.2	−35.1		MacCon2000		0
15 17 09.2	−54 23 17	3580		16.0	11.6	262.1	−35.3		W 102-4,MacCon2000,CCCS 2228		0
15 17 32.2	+29 36 10	3586		9.7		176.1	−4.8	R0(Van)	+30:2637, Van 60, CCCS 2233	R	0
15 17 59.7	−65 47 53	3579	13.0			275.9	−34.1		Ste, CCCS 2227		2
15 18 22.6	−49 51 03	3585		11.8	7.5J	256.5	−35.1	R:r(Ste)	Ste, Fou92, CCCS 2232	R	2
15 18 32.2	+09 28 06	3589		9.5		193.3	−15.7	R2(VyssBalz58)	+9:3019, VyssBalz58, CCCS 2236		3
15 18 35.5	−53 47 02	3584	12.1			261.3	−35.1	R(Ste)	Ste, CCCS 2231		3
15 18 50.2	−58 15 37	3583			10.7	266.8	−34.9		W 109-1,MacCon2000,CCCS 2230		0
15 19 06.0	+50 07 03	6576				159.4	7.2	dC(GMM91)	LSLSLCFB, CBS 311, CBC 1517+5017		1
15 20 52.5	−57 08 52	3587		13.5	8.6	265.4	−34.7		W 104-3,MacCon2000,CCCS 2234		0
15 21 03.6	−57 59 59	3588			10.7	266.5	−34.6		W 106-2,MacCon2000,CCCS 2235		0
15 21 29.3	−56 29 46	3590		16.0	10.7	264.6	−34.6		W 104-4,MacCon2000,CCCS 2238		0
15 22 36.5	−06 25 35	6577			15.3r	208.5	−22.7	N(Tot98)	Tot98		2
15 23 04.8	−51 25 59	3592			7.9J	258.5	−34.4	IRAS C	Lit 111, II Lup, Epc87		1
15 23 15.0	−57 07 32	6578			8.2J	265.4	−34.4	c	Epc90-170		i

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
15 23 54.8	−59 30 54	3593		12.5	8.8	268.3	−34.1		W 106-3,MacCon2000,CCCS 2239		0
15 24 05.3	−55 49 41	3595				263.8	−34.3	IRAS C	Lit 112		1
15 24 31.4	−58 20 17	6579				266.8	−34.1		MacCon2000		0
15 24 46.3	−49 09 12	3597	13.3			255.7	−34.0	R(Ste)	Ste, CCCS 2242		1
15 25 08.8	−58 39 27	3596		11.8	7.8	267.2	−34.0		W 106-4,Ste,MacCon2000,CCCS 2241		0
15 25 14.8	−40 18 53	3602	11.0			245.2	−33.0	R(Sto)	Sto IV-71, -39:9833, CCCS 2247	R	1
15 25 26.4	−44 26 37	3601	11.5			250.1	−33.5	R(Sndlk)	Sndlk, CCCS 2246		1
15 25 35.1	−13 23 41	3603		11.1		215.7	−25.0		BidMac, -12:4252, Ste		1
15 25 39.3	+42 24 50	3607	21.0	15.0	14.5r	166.5	3.9	N e(Tot98)	SndPes,Joy98		2
15 25 40.9	+79 59 57	3620		11.6		133.1	23.1	R(D)	D 304, Ste, CCCS 2262		1
15 25 56.1	−57 41 42	3599			11.0	266.1	−34.0		W 106-5,MacCon2000,CCCS 2244		0
15 26 00.9	−59 01 02	3598		16.0	9.2	267.6	−33.9		W 106-6,MacCon2000,CCCS 2243		0
15 26 14.4	−57 54 10	3600			8.5	266.3	−33.9		W 106-7,MacCon2000,CCCS 2245		0
15 26 38.6	−53 35 02	6580				261.1	−33.9		MacCon2000		0
15 26 57.3	+11 46 03	3608		12.0		192.4	−12.8	R?(D)	D 113, CCCS 2251		3
15 27 37.9	+00 40 31	3609		11.2		202.4	−18.2	R4(San)	D 114(R?), Ste(R), CCCS 2252	R	1
15 27 46.5	+65 22 14	3614		10.0		146.9	16.4	R5(Van)	+65:1055, D 303(R), CCCS 2257	R	0
15 27 48.3	−25 10 10	3606	9.2	7.4		228.2	−28.8	R3(Sh)	137613(R0), -24:12084, HM Lib	R	0
15 27 53.1	+29 02 03	6581			15.0r	177.8	−3.2	C3,2(GreMar90)	SndPes88=CLS 87		1
15 28 01.0	−75 55 47	3594	11.0	7.0	3.6J	287.5	−31.3	Nb(HD)	136543, -75:802, U Aps,CCCS 2240	R	0
15 28 20.7	−51 04 50	6582				258.1	−33.6		MacCon2000(C:)		0
15 28 27.9	−43 59 41	3605	12.5			249.7	−32.9	R(Sto)	Sto IV-82, Ste(R), CCCS 2249		0
15 28 47.8	−56 01 15	6583			10.6J	264.0	−33.6	c	Epc90-172		i
15 29 14.3	−58 30 20	3604		16.0	11.0	267.0	−33.5		W 106-8,MacCon2000,CCCS 2248		0
15 29 22.1	+66 21 37	3616		12.5		146.1	17.0		Ste85		2
15 29 35.5	−40 30 06	3610	14.0			245.6	−32.2	N(Sto)	Sto IV-72, CCCS 2253		1
15 29 50.8	−59 04 39	6584				267.7	−33.4		MacCon2000		0
15 31 42.0	−55 41 55	3612		12.0	8.4	263.6	−33.2		W 107-1,MacCon2000,CCCS 2255		0
15 32 05.6	−62 33 19	3611	12.0	8.0		271.8	−32.9	Np(Cann21)	Cann21, RV TrA, Ste(N),CCCS 2254	R	0
15 32 54.2	+54 55 54	3618		12.5		156.5	11.6		Ste85		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
15 33 05.6	−59 27 24	6585				268.1	−33.0		MacCon2000(C:)		0
15 34 28.1	−66 22 44	3613	12.3			276.3	−32.4	R0(Ste)	Ste, CCCS 2256		1
15 34 59.1	+32 32 22	6586			13.5r	175.7	−0.0	C4,2(GreMar90)	SndPes88=CLS 90		1
15 35 24.3	−60 34 02	6587				269.4	−32.7		MacCon2000		0
15 36 25.2	−57 22 45	3617			11.5	265.7	−32.6		W 109-1, CCCS 2259		2
15 36 34.1	−55 54 05	6588				263.9	−32.5		MacCon2000(C:)		0
15 36 34.8	−53 55 18	6589				261.6	−32.5		MacCon2000(C:)		0
15 36 54.3	−55 47 23	6590			12.0J	263.8	−32.5	c	Epc90-174		i
15 36 54.4	−55 47 47	6591				263.8	−32.5		MacCon2000		0
15 37 04.3	−49 26 51	6592				256.3	−32.1		MacCon2000		0
15 37 20.6	−55 51 49	6593				263.9	−32.4		MacCon2000(C:)		0
15 37 48.1	−22 40 57	3621	13.4			226.4	−25.8	R(Sto)	Sto IV-4, CCCS 2263		1
15 38 45.1	−28 39 29	3622	12.2			232.8	−27.5	R(Sto)	Sto IV-19, CCCS 2264		1
15 39 44.9	−67 03 15	3619	13.3			277.1	−31.8	R(Ste)	Ste, CCCS 2260		2
15 39 45.0	−43 37 14	3623	11.8			249.6	−30.9	R(Sto)	Sto IV-83, CCCS 2265		1
15 41 15.5	+48 22 33	3632	14.8:			162.9	9.4	R:(Ste)	Ste, CCCS 2274		1
15 41 17.2	−43 30 01	3625		10.0		249.5	−30.6		Hen 228, CCCS 2267		2
15 42 20.3	−57 13 49	6594			5.5J	265.5	−31.8	c	Epc87		i
15 42 29.6	−41 33 14	3626	14.0			247.3	−30.0	R(Sto)	Sto IV-76, CCCS 2268		1
15 42 31.0	−52 47 17	6595				260.3	−31.5		MacCon2000		0
15 43 14.9	+47 28 17	3635		13.5		163.8	9.2	N(Ste)	Ste85		1
15 43 28.3	−59 47 58	6596				268.5	−31.7		MacCon2000		0
15 44 00.4	−24 29 11	3631	14.0			228.9	−25.1	R(Sto)	Sto IV-9, CCCS 2273		1
15 44 21.1	−60 23 28	6597				269.2	−31.6		MacCon2000		0
15 44 24.6	−50 45 00	3628	13.9			257.9	−31.0	R(Ste)	Ste, CCCS 2270		2
15 44 36.5	−38 59 58	3630	12.6			244.5	−29.1	R(Sto)	-38:10624, Sto IV-63, CCCS 2272	R	1
15 44 48.9	−59 16 07	3627		10.1:		267.9	−31.5	N:(Ste)	Ste,MacCon2000,CCCS 2269		0
15 45 11.4	−53 38 41	3629			12.5	261.3	−31.2		W 110-1,MacCon2000,CCCS 2271		0
15 46 59.8	−21 09 27	3637	13.1			225.7	−23.3	R(Sto)	Sto IV-2, CCCS 2278		1
15 47 02.3	−50 15 31	3634		12.0	8.4	257.4	−30.6	N(Ste)	W 111-1, Ste, CCCS 2276		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
15 47 22.0	−52 58 33	3633		16.0	9.2	260.6	−30.8		W 110-2,MacCon2000,CCCS 2275		0
15 47 38.9	−44 35 11	3636	12.2			251.0	−29.6	R2(Sndlk)	Sndlk, CCCS 2277		2
15 47 57.6	−42 10 57	3638	13.9	11.7		248.3	−29.1	R(Sto)	Wray 288, Sto IV-78, CCCS 2279		1
15 48 47.4	−44 56 41	3639	13.0	11.5		251.4	−29.5		Sndlk, CCCS 2280		2
15 49 12.3	−54 58 35	6598				262.9	−30.7		MacCon2000		0
15 49 31.0	−60 19 00	6599				269.1	−30.9		MacCon2000		0
15 49 31.3	+39 34 18	3652		10.1	6.9	171.3	6.2	Ne(San)	141826(Nb), V CrB, CCCS 2293	R	0
15 49 43.7	−51 45 01	3641			11.6	259.2	−30.3		W 113-1,MacCon2000,CCCS 2282		0
15 49 44.0	−23 49 59	3646	13.4			228.7	−23.6	R(Sto)	Sto IV-6, CCCS 2287		1
15 49 58.4	−57 27 43	3640	11.8			265.8	−30.7	R(Ste)	Ste, CCCS 2281		2
15 50 14.6	−48 20 38	3643	13.2:	12.0	7.5	255.3	−29.8		W 111-2, Sndlk, CCCS 2284		1
15 50 32.9	−39 44 11	3647	11.6			245.7	−28.1	R(Sto)	Sto IV-67, CCCS 2288		1
15 50 35.9	−49 37 37	3644		12.0	8.0	256.8	−29.9		W 111-3,MacCon2000,CCCS 2285		0
15 50 54.6	−56 58 21	3642	11.8	9.5	5.5	265.3	−30.6	N(Ste)	W 109-2, Ste, Hen 229, CCCS 2283	R	0
15 51 05.9	−56 53 26	6600			22	265.2	−30.6	IRAS C, c	VKL92,GJB93,GJ93		i
15 51 40.8	−57 59 32	3645		10.0	6.5	266.4	−30.5		W 109-3,MacCon2000,CCCS 2286		0
15 52 33.9	−55 17 32	3649		11.0	7.4	263.3	−30.2		W 109-4, W 112-1, Ste, CCCS 2290	*R	0
15 52 37.5	+29 28 01	6601			15.5r	180.3	1.6	dC3,3(GMM91)	SndPes88=CLS 96,Joy98,LP 328-57		0
15 52 38.1	−56 38 31	3648	13.9	10.6	8.0	264.9	−30.3	R(Ste)	W 112-2, AF Nor, Ste, CCCS 2289	**R	0
15 52 38.5	−42 26 06	3651		11.0		248.7	−28.3		Wray 289, CCCS 2292		1
15 53 16.8	−57 06 50	6602				265.4	−30.3		MacCon2000		0
15 53 20.8	−56 26 13	6603				264.7	−30.2		MacCon2000		0
15 53 23.9	−56 25 44	3650		12.0	9.7	264.7	−30.2		W 112-3,MacCon2000,CCCS 2291		0
15 54 49.7	−49 03 53	6604				256.3	−29.1		MacCon2000(C:)		0
15 56 11.4	−58 56 40	6605				267.6	−30.0		MacCon2000		0
15 56 20.2	−56 52 11	6606				265.2	−29.8		MacCon2000		0
15 56 36.7	−85 46 32	3615		9.0		298.3	−28.1		Hen 227, CCCS 2258		2
15 57 02.9	−55 33 50	6607				263.7	−29.6		MacCon2000		0
15 57 07.1	−53 03 56	6608				260.9	−29.3		MacCon2000		0
15 57 24.9	−47 20 47	3655		11.0		254.4	−28.4		Wray 290, CCCS 2296		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
15 57 29.0	−50 24 50	3653		14.0	9.8	257.9	−28.9		W 113-2,MacCon2000,CCCS 2294		0
15 59 14.7	−51 43 15	3656			11.3	259.4	−28.8		W 113-3,MacCon2000,CCCS 2297		0
15 59 44.2	−60 38 28	6609				269.6	−29.7		MacCon2000		0
16 00 05.5	−68 39 36	3654	12.9			278.8	−29.8	R(Sto)	Sto I-16, Ste(R), CCCS 2295		1
16 01 19.4	−52 46 49	6610				260.6	−28.7		MacCon2000		0
16 01 28.8	−53 40 16	6611			13.2J	261.6	−28.8	c	Epc90-175		i
16 01 39.6	−54 02 14	3658		14.5	11.3	262.1	−28.8		W 112-4,MacCon2000,CCCS 2299		0
16 02 38.8	−55 35 22	3659		14.0	9.8	263.8	−28.8		W 112-5, CCCS 2300		2
16 02 43.9	−41 21 20	3660		10.3		248.0	−26.2	CE(Wray)	Wray 292, CCCS 2301		1
16 03 47.7	−48 59 15	6612			11.0H	256.5	−27.7	c	Epc90-176		i
16 04 13.0	−56 04 21	6613		12.2		264.4	−28.7	G8-K3(R-R3)(LE83)	LE83, RV Nor,MacCon2000	R	0
16 04 13.4	+50 29 57	3665	8.8	7.8		162.8	13.7	Nep(San)	144578(K5p), RR Her, CCCS 2306	R	0
16 04 16.7	−55 59 03	6614				264.3	−28.7		MacCon2000(C:)		0
16 05 07.2	−58 45 31	6615				267.5	−28.8		MacCon2000, BK Nor		0
16 05 18.8	−50 36 26	3661			11.5	258.3	−27.7		W 116-1,MacCon2000,CCCS 2302		0
16 05 32.2	−48 33 30	6616			7.5J	256.0	−27.3	c	Epc87		i
16 05 33.2	−54 12 18	6617				262.3	−28.3		MacCon2000		0
16 05 59.0	−50 56 07	3662			11.4	258.7	−27.7		W 113-4, CCCS 2303		2
16 06 23.8	−76 59 16	3657	10.3			288.3	−28.9	R0(HD)	143076, -76:796, CCCS 2298	R	1
16 07 44.3	−53 28 29	3663		14.0	10.0	261.6	−27.8		W 115-1,MacCon2000,CCCS 2304		0
16 07 48.4	+29 14 53	6618			12.0r	182.2	4.3	C1,2(GreMar90)	SndPes88=CLS 98		1
16 08 23.6	−47 12 49	6619				254.7	−26.6		MacCon2000		0
16 08 42.7	−54 57 17	3664		11.0	6.8	263.2	−27.9	N(Ste)	W 115-2, Ste, Hen 231, CCCS 2305		1
16 10 44.1	−44 06 06	3668	13.3	11.2		251.4	−25.5		Ste, CCCS 2309		1
16 10 58.3	−40 53 00	6620				248.0	−24.6		MacCon2000		0
16 11 35.0	−48 19 53	3670			13.5J	256.0	−26.3		Lit 113, Epc90-178		1
16 11 49.8	−61 34 38	3666	10.6	9.8		270.8	−28.3	R3(Cann21)	-61:5300,Cann21,Ste(R),CCCS 2307	R	2
16 12 46.4	−61 24 39	3669	13.3			270.6	−28.2	R(Ste)	Ste, CCCS 2310		1
16 12 53.8	−50 44 30	6621				258.7	−26.6		MacCon2000		0
16 12 56.9	−65 21 49	3667	14.8			275.1	−28.5	R(Sto)	Sto I-11, CCCS 2308		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
16 12 59.0	−48 16 36	6622			9.9H	256.0	−26.1	c	Epc90-179		i
16 13 13.9	−15 12 01	3672	11.8	10.7		222.5	−15.2	R4(San)	145777(R0), -14:4371, CCCS 2312	*R	0
16 14 02.5	−42 13 03	6623			13.8H	249.6	−24.4	c	Fou92		i
16 14 05.3	−49 36 59	6624			3.3J	257.5	−26.2	c	Epc90-180		i
16 14 19.9	−43 02 42	6625				250.4	−24.6		MacCon2000		0
16 14 28.7	−49 15 06	6626				257.1	−26.0		MacCon2000		0
16 15 29.2	−22 12 16	3675		15.0		229.4	−17.5	R:		R	1
16 15 36.9	−64 05 55	3671	12.7			273.7	−28.1	R5(Ste)	May51(R), Sto I-7(R), CCCS 2311	R	1
16 15 57.9	−47 02 20	3673			8.1H	254.8	−25.3		Lit 114,Epc90-181		1
16 16 09.6	−27 26 57	3676	11.5			234.6	−19.3	R(Sto)	Sto IV-14, BidMac, CCCS 2314		1
16 16 25.3	−45 34 33	6627				253.2	−24.9		MacCon2000		0
16 16 25.7	−44 06 45	3674		12.6	8.0	251.7	−24.5		W 118-1,Ste,MacCon2000,CCCS 2313		0
16 17 08.5	+25 51 05	3679	12.2	9.7		186.1	4.6	N(D,Ste)	D 204, NP Her, Ste, CCCS 2317	R	1
16 17 09.8	−58 10 17	6628				267.0	−27.2		MacCon2000		0
16 18 07.1	−43 39 38	3677		7.0	4.7	251.3	−24.1		W 121-1, CCCS 2315		2
16 18 21.1	+39 23 19	6629			13.8r	174.1	11.0		KurNik96, Tot98		2
16 18 28.1	−08 11 44	3680		12.0		216.6	−11.0	N(Ste)	Ste65, Ste, CCCS 2318		1
16 18 44.0	−50 29 26	6630				258.6	−25.6		MacCon2000(C:)		0
16 18 58.9	−41 42 37	3678		11.2		249.3	−23.4		Ste, CCCS 2316		2
16 19 13.4	−03 34 25	3682	12.3	11.1:		212.5	−8.8	R0(Ste65)	Ste65, Ste(R), BidMac, CCCS 2319	R	1
16 19 25.7	−51 24 28	6631				259.7	−25.7		MacCon2000		0
16 20 50.4	−48 06 51	3681			8.9J	256.2	−24.7		Lit 115,Epc90-182		1
16 21 13.0	−47 02 14	6632				255.0	−24.4		MacCon2000		0
16 21 16.1	−44 41 19	3683		14.0	10.0	252.5	−23.8		W 118-2, CCCS 2320		2
16 21 27.1	−54 09 11	6633				262.7	−26.0		MacCon2000		0
16 21 37.4	−08 53 22	6634			12.2r	217.5	−10.6		GAA98		2
16 22 10.9	−47 51 21	3686		13.0	9.2	255.9	−24.5		W 119-1,MacCon2000,CCCS 2323		0
16 22 20.3	−53 22 53	6635				261.9	−25.7		MacCon2000		0
16 22 32.0	−53 49 16	3685	13.5:	11.2:		262.4	−25.7		Ste,MacCon2000,CCCS 2322		0
16 22 42.2	−32 08 08	3688	13.1			239.8	−19.7	R(MayCann40)	MayCann40,Sto IV-43(R),CCCS 2325		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
16 22 50.6	−59 53 36	3684	11.7	11.0		269.1	−26.7	R0(Cann26)	Cann26, May51(R), CCCS 2321	R	1
16 22 51.1	−27 40 04	3690	13.6			235.4	−18.0	N(Sto)	Sto IV-15, CCCS 2327		1
16 23 01.4	−49 07 15	6636			10.4H	257.3	−24.6	c	Epc90-183		i
16 23 16.4	−48 41 35	6637				256.9	−24.5		MacCon2000		0
16 24 18.7	−59 20 39	3687		11.3		268.5	−26.5	R(May51)	May51, RT Nor, Ste(R), CCCS 2324	R	0
16 25 02.2	−50 43 27	6638				259.1	−24.7		MacCon2000		0
16 25 18.5	−50 22 26	6639				258.8	−24.6		MacCon2000		0
16 25 25.8	−51 55 37	3691	12.5	9.9		260.4	−24.9	Nb(HD)	147603,-51:10147,X Nor,CCCS 2328	R	0
16 26 15.0	−46 18 53	3693			10.3J	254.5	−23.4		Lit 116, Epc90-185		1
16 26 17.2	−57 04 49	6640				266.1	−25.8		MacCon2000		0
16 26 23.3	−49 10 36	3692			11.5	257.5	−24.1		W 119-2,MacCon2000,CCCS 2329	R	0
16 26 31.4	−46 57 28	3694			11.0	255.2	−23.5		W 122-1,MacCon2000,CCCS 2330		0
16 26 43.7	−12 25 36	3698		7.3	6.5	221.3	−11.0	Ne(San)	148182(Nb), V Oph, CCCS 2334	R	0
16 26 44.4	−52 11 49	6641				260.8	−24.8		MacCon2000		0
16 27 44.9	−51 19 43	3695		16.0	9.5	259.9	−24.4		W 120-1,MacCon2000,CCCS 2331		0
16 28 05.3	−43 39 40	3697	12.3	9.2		251.8	−22.4	N3(CannMay49)	148173(Nb), -43:10810, V377 Nor	R	0
16 28 14.2	−47 43 55	3696			10.0	256.1	−23.4		W 122-2, CCCS 2332		2
16 28 27.5	−47 32 26	6642				255.9	−23.4		MacCon2000		0
16 29 24.2	−45 56 05	3699		16.0	10.6	254.3	−22.8		W 122-3,MacCon2000,CCCS 2335		0
16 29 25.7	−51 52 37	6643				260.5	−24.3		MacCon2000		0
16 29 27.0	+19 30 35	3704		10.3		193.1	4.1	R2(Van)	+19:3109, Van 64, CCCS 2340	R	0
16 29 45.9	−75 52 46	3689	13.0			287.0	−27.6	R(Sto)	Sto I-36, CCCS 2326		1
16 30 12.5	−53 28 51	6644				262.3	−24.5		MacCon2000		0
16 30 34.1	−49 00 40	6645				257.6	−23.4		MacCon2000		0
16 30 56.9	−50 09 55	3700		12.2	7.0	258.8	−23.6		W 120-2, W 123-1, CCCS 2336	*R	0
16 31 21.4	−32 14 31	3703	13.0			240.6	−18.0	R(Sto)	Sto IV-44, CCCS 2339		1
16 31 36.5	−47 15 56	6646			10.2H	255.8	−22.8	c	Epc90-188		i
16 31 41.6	−48 16 48	3702		10.6	7.2	256.8	−23.0		W 122-4, Sndlk, CCCS 2338		1
16 31 48.8	−58 13 40	3701	12.0			267.5	−25.3	R(Sto)	Sto II-88, Ste(R), CCCS 2337		1
16 32 06.7	−42 11 57	3705		11.0	7.4	250.6	−21.2	R:(Ste)	W 121-2,Ste,MacCon2000,CCCS 2341		0

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
16 32 34.8	−45 10 15	3706			7.8J	253.7	−22.0		MacCon79(Ce),Epc87,Epc90-190	R	0
16 33 04.7	−30 54 13	3711	13.4			239.4	−17.2	R(Sto)	Sto IV-31, CCCS 2345		1
16 33 16.2	−44 23 51	6647			9.0H	252.9	−21.7	c	Epc90-191		i
16 33 21.7	−48 10 38	3709		12.0	10.0	256.8	−22.7		W 122-5, CCCS 2343		2
16 33 46.5	−48 50 57	3710		10.8	5.7	257.5	−22.9		W 123-2,Sndlk,MacCon2000,CCCS 2344		0
16 33 50.7	−53 55 55	3708			8.2H	262.9	−24.1		Lit 117,Epc90-192		1
16 34 27.6	−35 17 54	3712	11.4			243.8	−18.5	R0(Ste)	Ste, CCCS 2346	R	1
16 34 30.0	−63 08 15	6648		9.4		272.9	−25.9	F8:R-G2(LE83)	LE83, RT TrA	R	3
16 34 45.9	−48 32 32	6649				257.3	−22.6		MacCon2000(C:)		0
16 35 21.7	−39 01 05	3713	12.6			247.6	−19.6		Ste, CCCS 2347		1
16 35 45.8	−67 07 37	3707	9.0	8.5:		277.3	−26.3	R0(HD)	148839, -66:1961, LV TrA	R	1
16 36 28.7	−47 03 00	6650			8.7J	255.8	−21.9	c	Epc87		i
16 36 31.4	−03 23 35	3716			9.5J	214.3	−4.9		Lit 118, Epc90-196		1
16 36 35.4	−46 21 50	3714	12.7	9.5	6.7	255.1	−21.7		W 122-6, Sndlk,Hen 235,CCCS 2348	R	0
16 37 05.4	−04 25 38	3717	12.0	10.3		215.2	−5.2	R0(Ste65)	-4:4135, Ste65, Ste, CCCS 2350	R	1
16 38 05.9	−45 59 46	3715		9.9		254.8	−21.3	N(Ste)	Sndlk, Hen 236, CCCS 2349	R	0
16 39 09.6	+60 27 59	3723		11.4		155.0	21.9		Ste85		1
16 39 20.3	+34 31 29	6651			14.0r	180.4	12.7		SndPes88=CLS 105		1
16 39 30.7	−43 51 50	3718		10.0	7.3	252.7	−20.4		W 125-1, Ste, CCCS 2351		2
16 39 45.2	−46 29 44	3719		11.2	9.5	255.4	−21.2		W 122-7,Sndlk,MacCon2000,CCCS 2352	R	0
16 40 38.6	−32 22 48	3720	11.7	7.0	5.6	241.5	−16.2	N(San)	Sto IV-45(N), SU Sco, CCCS 2353	R	1
16 41 52.7	−44 07 08	6652			10.7J	253.1	−20.1	c	Epc90-197		i
16 42 44.7	−54 07 11	3721		11.4		263.5	−22.9	CE(Wray)	Wray 299,Ste,MacCon2000,CCCS 2354		0
16 43 29.0	−46 31 36	6653				255.7	−20.6		MacCon2000		0
16 44 17.8	−22 06 37	3726		12.1		232.1	−11.4	Cr	MacCon79, Ste85		1
16 45 23.4	−45 50 11	3725		16.0	10.0	255.1	−20.1		W 125-2,MacCon2000,CCCS 2357		0
16 45 34.7	−43 18 39	3727		15.0	10.0	252.5	−19.2		W 128-1, CCCS 2358		2
16 45 41.8	−29 18 05	3729		9.1		239.0	−14.0	C1,1(War)	150986(K0p), -29:12809,CCCS 2360	R	3
16 45 56.0	−31 00 30	3730	14.0			240.6	−14.7	R(Sto)	Sto IV-32, Sndlk, CCCS 2361		1
16 46 03.7	−44 00 44	3728			11.0	253.3	−19.4		W 125-3,MacCon2000,CCCS 2359		0

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16 47 24.7	+23 12 58	3735		9.0		191.6	9.5	R0(Van)	+23:2998, Van 65, CCCS 2365	R	0
16 47 46.2	−73 33 06	3722	14.2			284.5	−26.2	R(Sto)	Sto I-30, CCCS 2355		1
16 47 46.6	−52 21 38	6654				261.8	−21.7		MacCon2000		0
16 48 24.3	−31 23 08	3733	12.6			241.2	−14.3	R(Sto)	Sto IV-38, CCCS 2366	R	3
16 49 25.1	−60 18 00	3732	12.8			270.2	−23.6	R(Sto)	Sto I-1, CCCS 2363		1
16 49 26.8	−30 24 52	3734	13.7			240.3	−13.7	R(Sto)	Sto IV-33, Sndlk(R), CCCS 2364		1
16 49 51.8	−72 45 20	3724	15.5			283.7	−25.9	R(Sto)	Sto I-27, CCCS 2356		1
16 50 06.6	−67 46 58	3731	10.4	8.0		278.3	−25.1	Nb(HD);C5,5(War)	151055,-67:2000, V TrA,CCCS 2362	R	0
16 50 13.4	−30 06 07	6655			13.2J	240.1	−13.5	c	Gug93		i
16 51 29.4	−43 27 14	3737			11.3	253.1	−18.3		W 128-2, CCCS 2369		2
16 51 32.7	−48 09 15	3736			11.6	257.8	−19.8		W 129-1,126-1, CCCS 2367,2368	*R	0
16 52 06.5	−40 59 14	3738		12.0	9.5	250.7	−17.3		W 131-1, CCCS 2370		2
16 52 37.7	−38 52 51	3739		16.0	11.0	248.7	−16.4		W 127-1, CCCS 2372		2
16 53 01.8	−26 40 36	3743	13.2	11.8		237.2	−11.5	R(Sto)	Sto IV-11, Ste(R), CCCS 2376		1
16 53 37.3	−44 16 30	3741		11.1	7.5	254.0	−18.2		W 128-3, Sndlk, CCCS 2374		2
16 53 40.4	−46 18 57	3740		16.0	9.5	256.0	−18.9		W 128-3, CCCS 2373		2
16 54 01.1	−50 37 58	6656				260.4	−20.3		MacCon2000		0
16 54 43.5	−49 25 45	3744	13.0	11.8		259.2	−19.8	R(Sndlk)	Sndlk, CCCS 2377		2
16 55 51.0	−46 21 21	3745		15.0	8.0	256.2	−18.6		W 129-3, CCCS 2378		2
16 56 04.7	−53 26 42	6657				263.4	−20.8		MacCon2000		0
16 57 00.4	−67 15 06	3742	11.2			277.8	−24.3	R(Sto)	Sto I-15, CCCS 2375		1
16 57 06.4	−52 48 35	3746	13.1			262.8	−20.5	R(Sto)	Sto II-71, Ste(R), CCCS 2379		1
16 57 32.1	−46 37 47	3747			9.4J	256.6	−18.4		Lit 119,Epc90-200		1
16 58 01.8	−42 19 25	3748		14.2	10.5	252.4	−16.7		W 128-4, GJ93, CCCS 2380		2
16 58 42.9	−26 21 37	3751	14.0			237.4	−10.2		Sndlk, CCCS 2382		1
16 59 06.0	−33 47 14	3752		12.5	10.5	244.4	−13.2		W 133-1, CCCS 2383		2
16 59 08.4	−45 00 57	3749			10.0J	255.1	−17.5		Lit 120,Epc90-201		1
16 59 13.8	−24 27 41	3753		11.4	11.4	235.7	−9.3		MacCon79(Ce), Fuen 217		1
16 59 22.2	−21 22 22	3754			11.5	232.9	−7.9		Fuen 218		1
16 59 43.5	−02 47 40	3758	13.3			216.4	0.6	R(Ste65)	Ste65, CCCS 2385		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
16 59 50.1	−24 21 11	3755		10.0	10.5	235.7	−9.1		MacCon79(Ce), Fuen 219		1
17 00 04.6	−50 43 58	3750			8.5J	260.8	−19.4		Lit 121,Epc90-202		1
17 01 34.7	−43 42 39	3757			9.1J	254.0	−16.7		Lit 122, Epc90-203		1
17 02 33.1	−55 04 16	3756	11.3	9.0		265.3	−20.4	Nb(HD)	153432, T Ara, CCCS 2384	R	0
17 02 35.3	−43 43 05	3759			10.0	254.1	−16.5		W 132-1, CCCS 2386		2
17 02 36.4	−41 09 33	3760			11.7	251.6	−15.5		Fuen 220		1
17 02 46.3	−32 40 15	3762	13.0	8.0	7.0	243.6	−12.1	Ne(San)	MSB 58, V901 Sco, CCCS 2388	R	0
17 03 39.3	−44 09 08	3763		16.0	9.2	254.6	−16.5		W 132-2, CCCS 2389		2
17 04 40.3	−50 45 47	3764	13.3			261.1	−18.7	R(Sto)	Sto II-67, Ste(R), CCCS 2390		1
17 05 52.2	−16 34 16	6658			10.5J	229.3	−4.4	c	Gug93		i
17 06 11.1	−40 05 46	3766			12.0	250.9	−14.5		W 134-1, CCCS 2392		2
17 06 11.9	−33 12 32	3767			10.0	244.4	−11.6		W 148-6, CCCS 2393		2
17 06 52.6	−42 42 47	3768		16.0	11.0	253.4	−15.4		W 132-3, CCCS 2394		2
17 07 02.9	+40 07 07	6659			12.8r	177.2	19.9		AbrGig89b(C:)		3
17 07 17.1	−46 45 51	3769	12.2	8.2		257.4	−16.9	R(Sndlk)	Sndlk, CCCS 2395		1
17 07 46.4	−37 26 20	3771		16.0	9.2	248.5	−13.1		W 134-2, CCCS 2397		2
17 07 47.0	−45 56 58	3770		16.0	11.3	256.6	−16.5		W 132-4, CCCS 2396		2
17 07 55.9	−28 52 05	3772			10.1J	240.6	−9.4		Lit 123, Fou 92,Epc90-204		1
17 07 58.2	+33 12 23	6660			15.5r	184.1	17.7		SndPes88=CLS 112		1
17 07 58.7	−24 44 33	6661			17	236.9	−7.6	c; SiC(MerSt76)	Fou92,GJB93,RAFGL 1922		i
17 08 44.5	−46 46 13	6662			13.5H	257.5	−16.6	c	Epc90-205		i
17 08 47.7	−40 23 12	6663			11.7J	251.4	−14.1	c	Gug93		i
17 09 06.3	−43 46 22	3773		15.5	8.4	254.6	−15.4		W 132-5, Fuen 221, CCCS 2398		1
17 09 13.7	−33 51 12	3775		8.2:		245.3	−11.3	N(Ste)	Ste, CCCS 2400	R	1
17 09 16.8	−75 07 56	3761	10.2			286.5	−25.0	R(Sto)	Sto I-37, CCCS 2387		1
17 10 03.7	−40 51 10	6664			8.9J	251.9	−14.1	c	Gug93		i
17 10 51.0	−39 28 15	6665			10.3J	250.7	−13.4	c	Gug93		i
17 11 05.8	−40 26 07	3779			12.3	251.6	−13.8		W 138-1, Fuen 222, CCCS 2403		1
17 11 07.4	−61 57 15	3774	11.0	9.0		272.7	−21.5	Nb(Cann21)	Cann21, SZ Ara, CCCS 2399	R	0
17 11 14.9	−32 47 08	3780		17.0	13.4	244.5	−10.5	IRAS C; c	Lit 124, GJ93		1

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17 11 34.6	−56 17 17	3777	13.6			267.0	−19.6	R(Sto)	Sto II-80, CCCS 2401		1
17 11 54.1	−56 17 16	3778	14.5			267.0	−19.6	R(Sto)	Sto II-81, CCCS 2402		1
17 12 32.8	−39 32 19	3781			12.0:	250.9	−13.1		W 138-2, Fuen 223, CCCS 2404		1
17 12 47.5	−32 35 42	3783		13.0	9.2	244.5	−10.1		W 136-1, CCCS 2406		2
17 12 57.4	−40 46 44	6666			6.9J	252.1	−13.6	c	Gug93		i
17 12 59.2	−65 58 08	3776			9.1J	276.9	−22.5		Lit 125,Epc90-207,Fou92		1
17 13 04.1	−37 26 22	6667			11.7J	249.0	−12.2	c	Gug93		i
17 13 15.4	−40 15 13	6668			9.0H	251.6	−13.3	c	Gug93		i
17 13 19.2	−32 47 13	3785		12.0	9.0	244.7	−10.1		W 136-2, CCCS 2408		2
17 13 31.2	+42 06 23	3795		7.7		175.6	21.7	R1(Sh)	156074(R0), +42:2811, CCCS 2417	R	0
17 13 41.0	−35 55 20	3786		10.5	8.6	247.6	−11.4	N(Ste)	W 137-1, V617 Sco, CCCS 2409	*R	1
17 13 49.6	−40 40 21	6669			8.2J	252.0	−13.4	c	Gug93		i
17 13 52.9	−34 31 09	3787		14.5	9.5	246.4	−10.8		W 136-3, CCCS 2410		2
17 14 00.2	−37 50 15	6670			9.0H	249.4	−12.2	c	Epc90-208		i
17 14 08.3	−54 16 00	3782	14.8			265.1	−18.6	R(Sto)	Sto II-75, CCCS 2405		1
17 14 12.1	+42 00 28	6671	15.7	14.6	13.0r	175.7	21.8		KurNik96, Tot98		2
17 14 14.3	−21 26 14	3790	13.6			234.6	−4.8	R(Sndlk)	Sndlk, CCCS 2413		2
17 14 16.1	−40 34 53	6672			9.8H	252.0	−13.3	c	Gug93		i
17 14 22.8	−50 34 54	3784	12.0			261.5	−17.2	R(Sto)	Sto II-68, Ste(R), CCCS 2407		1
17 14 42.8	−42 14 25	3788		12.0	7.5	253.6	−13.9		W 135-1, Fuen 225, CCCS 2411		1
17 14 57.5	+42 10 24	3801	18.2	16.0		175.6	21.9		Kurt80 20,KurNik96	R	2
17 15 19.0	−29 05 49	3791	12.6	11.2		241.6	−8.1	R0(CannMay38)	CannMay38, V517 Oph, CCCS 2414	R	2
17 16 01.9	−38 15 43	6673			9.9J	250.0	−12.0	c	Gug93		i
17 16 02.1	−52 03 25	3789		11.7		263.1	−17.5		Wray 306, CCCS 2412		1
17 16 04.6	−34 39 59	3793		10.6	7.5	246.7	−10.4	N(Ste)	Wray 307(Ce), Ste(N), CCCS 2416	R	1
17 16 31.7	+11 52 28	3802	12.9			205.1	10.9	R(Ste65)	Ste65, CCCS 2422		1
17 16 31.8	−39 10 44	3794			8.4J	250.9	−12.3		Lit 126,Epc90-210		1
17 16 35.8	−48 03 60	3792	12.8			259.2	−15.9	R(Sto)	Sto II-61, CCCS 2415		1
17 17 17.7	−35 28 24	3796		16.0	10.5	247.5	−10.5		W 140-2, Fuen 226, CCCS 2418		1
17 17 48.9	−37 00 36	3797			12.3	249.0	−11.1		W 137-2, CCCS 2419		2

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17 17 56.5	−34 35 34	3798		15.5	9.0	246.8	−10.0		W 140-3, CCCS 2420		2
17 18 00.6	−81 32 29	3765	10.9	9.0		293.6	−25.8	R0(HD);C1,2(War)	154124, Hen 243, CCCS 2391		3
17 18 43.7	−38 10 37	3803		15.5	10.3:	250.1	−11.5		W 137-3,Fuen 227,Gug93,CCCS 2423		1
17 18 57.9	−11 10 59	3807		14.2		226.0	0.9		Ste65, CCCS 2428		1
17 18 59.0	−45 57 50	3799	11.5	7.9		257.4	−14.7	N3(CannMay49)	156294(Nb), NSV 8476, CCCS 2421	R	1
17 19 05.7	−38 46 44	3804		11.0		250.7	−11.7		Wray 308, CCCS 2424		1
17 19 22.9	−49 20 37	3800			7.9H	260.7	−16.0		Lit 127,Epc90-211		1
17 20 41.1	−49 35 00	3805	13.1			261.0	−15.9	R(Sto)	Sto II-64, CCCS 2425		1
17 20 46.2	−40 23 18	3808		9.3	4.8	252.4	−12.1	N(San)	-40:11335, MSB 59, V1079 Sco	R	0
17 21 29.4	−40 28 49	3811			11.0	252.5	−12.0		Fuen 229		1
17 22 06.2	−49 27 46	3810	10.5	10.8		261.0	−15.6	R0(HD);C2,4(War)	156837, -49:11366, CCCS 2430	R	1
17 22 12.4	−36 45 59	3812		12.4	9.2:	249.2	−10.2	R:(Ste)	W 137-4, Ste, Fuen 230,CCCS 2431		1
17 22 13.8	−15 08 59	3814		11.4		229.9	−0.2		MacCon79		2
17 22 14.4	−53 10 03	3809				264.5	−17.1	Ce(BidMac)	BidMac, V635 Ara		3
17 23 06.9	−43 49 46	3813	13.3	9.6		255.7	−13.1	R1(HD)	157041, Sto II-47(R), CCCS 2432	R	1
17 23 42.9	−28 20 44	3818		11.0	8.4	241.7	−6.1	N:(Sndlk)	Wray 311, W 142-1, CCCS 2436	R	1
17 23 44.3	−36 29 11	3816	10.4	9.5		249.0	−9.8	R3(Cann21)	-36:11460, Ste(R0), CCCS 2434	R	0
17 24 02.3	−29 20 28	3820		8.5	6.2	242.6	−6.5	N(San)	-29:13477, MSB 60, V2309 Oph	R	0
17 24 09.4	−40 13 35	3817		11.6	7.5	252.5	−11.4	N(Ste)	W 138-4, Ste, Fuen 231,CCCS 2435		1
17 24 16.8	−33 21 20	6674			7.8H	246.3	−8.3	c	Epc90-212,OLFHHS		i
17 24 24.1	+05 11 19	3829		13.3		212.0	9.7	N(Ste)	Ste65, Ste, CCCS 2442		1
17 24 32.1	−48 16 12	3815	11.3			260.0	−14.8	R0(Sndlk)	Sndlk, CCCS 2433		1
17 24 37.2	−39 09 22	3821			12.0:	251.6	−10.9		Fuen 234		1
17 24 44.5	−38 43 52	6675			8.6J	251.2	−10.6	c	Gug93		i
17 25 05.0	−29 45 17	3824		12.0	10.1	243.1	−6.5		Fuen 235, W 142-3, CCCS 2429	R	1
17 25 13.5	−39 19 21	3823			11.3J	251.8	−10.8		Lit 128,Epc90-213		1
17 25 18.2	−23 30 47	3825			11.6J	237.6	−3.5		Lit 129,Epc90-214,Fou92		1
17 25 49.7	−31 50 46	3826			12.0	245.1	−7.3		Fuen 236		1
17 25 55.4	−32 25 31	3828		15.5	11.5:	245.6	−7.6		W 143-1, Fuen 237, CCCS 2441		1
17 26 06.0	−50 41 05	3822		9.2		262.4	−15.5		Catchp68, MacCon79	R	2

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17 26 09.0	−74 29 27	3806		8.0		286.1	−23.8		Hen 333, CCCS 2427		2
17 26 18.9	−40 01 48	3827	14.0	8.2		252.5	−11.0	N(San)	MSB 34, V644 Sco, Ste, CCCS 2440	R	2
17 26 35.1	−31 35 18	3830			10.5:	244.9	−7.1		W 143-2, Fuen 238, CCCS 2443		1
17 26 38.6	−61 43 16	3819	12.9			273.1	−19.7	R(Sto)	Sto I-4, CCCS 2437		1
17 27 02.5	−39 24 36	3831		16.0	10.7:	252.0	−10.6		W 141-1, Fuen 239, CCCS 2444		1
17 28 03.2	+07 36 54	3836	12.4	10.5		210.2	11.6	Nwk(Ste)	Ste65, Ste, CCCS 2448	R	1
17 28 36.2	−55 02 17	3832	14.3			266.7	−16.9	R(Sto)	Sto II-76, CCCS 2445	R	1
17 29 21.4	−30 56 02	3834			12.0	244.6	−6.2		Fuen 240		1
17 29 43.7	−19 28 23	3837	11.6	7.0	4.7	234.5	−0.7	Nb(HD)	158377,-19:4644,TW Oph,CCCS 2449	R	0
17 29 46.7	−34 59 22	3835		11.5	8.0	248.3	−8.1		W 145-1, CCCS 2447		2
17 30 31.6	−57 21 10	3833	11.7			269.0	−17.6	R(Sto)	Sto II-84, CCCS 2446		1
17 30 49.3	−23 58 42	6676			9.8K	238.6	−2.7	c	Fou92		i
17 31 17.2	−39 39 41	3839		11.9	7.5	252.6	−9.9		W 141-2, Ste, CCCS 2451		1
17 31 23.3	+01 58 33	3842	10.9	9.3		215.7	9.8	R2(Van)	+2:3336, Van 67, Ste65,CCCS 2453	R	0
17 31 45.9	−35 16 33	3840			12.0	248.7	−7.8		Fuen 241		1
17 31 54.4	+17 45 29	6677			8.2	201.2	16.7	2.3	Fr75, V833 Her, IRC +20326		3
17 31 59.8	−50 48 52	3838	13.5			262.9	−14.7	R(Sto)	Sto II-69, CCCS 2450		1
17 32 28.0	−34 03 10	3841		11.7		247.7	−7.1		Wray 312, CCCS 2452		1
17 33 26.8	−34 32 39	3843			9.5:	248.2	−7.2		W 148-1, Fuen 242, CCCS 2454		1
17 33 37.0	−36 15 29	3844		10.6	8.5:	249.8	−8.0	N(Ste)	Wray 313(CE), W 145-2, CCCS 2455	R	1
17 33 45.0	−16 50 24	3845	13.6	11.5		232.7	1.4		Sndlk, CCCS 2456		1
17 34 36.8	−34 10 46	3846		13.5	9.7:	248.0	−6.8		W 148-2, Fuen 244, CCCS 2458		1
17 34 43.0	−32 57 52	3848		17.7	13.5	246.9	−6.2		Fuen 245, AFGL 5354, GJ93		1
17 34 57.2	−14 04 37	3850	11.4			230.4	3.0	R0(Ste)	Ste, CCCS 2460	R	1
17 35 43.1	−33 42 57	3849		12.0	9.4:	247.7	−6.4		W 138-3, Fuen 246, CCCS 2459		1
17 36 02.5	−52 11 22	3847	12.8			264.5	−14.8	R(Sto)	Sto II-72, BidMac, CCCS 2457		1
17 36 19.2	−34 36 38	3851		12.0	9.1:	248.6	−6.7		W 184-4, Fuen 247, CCCS 2461		1
17 36 36.8	−13 50 32	3852	10.5			230.4	3.4		-13:4679, Ste, CCCS 2462	R	1
17 36 36.9	−62 35 56	6678			13.7J	274.4	−18.9	c	Fou92		i
17 37 43.1	−30 23 10	6679			9.5J	245.0	−4.4	c	Gug93		i

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17 38 07.7	−30 24 34	6680			9.4J	245.0	−4.3	c	Gug93		i
17 38 31.1	−28 45 14	3853		13.5	9.7:	243.6	−3.5		W 149-1, Fuen 248, CCCS 2463		1
17 39 35.1	−18 13 27	3856	13.8			234.6	1.9	R:(Sndlk)	Sndlk, CCCS 2466		2
17 39 47.4	−04 21 04	3860		13.5		222.4	8.7		Ste65, CCCS 2469		1
17 40 08.4	−24 34 15	3857			12.8	240.2	−1.1		Ste		1
17 40 11.3	−17 30 07	3859	13.8			234.0	2.4		Sndlk, CCCS 2467		2
17 40 19.5	−30 22 59	6681			9.3K	245.3	−3.9	c	Epc90-215,VKL92,NETC		i
17 40 26.9	−29 47 25	3858			14.1	244.7	−3.6		Ste		1
17 40 30.2	−41 37 46	3854	12.0	8:	6.8J	255.2	−9.3	N3(CannMay49)	160205(N), TT Sco, CCCS 2464	R	1
17 40 32.2	+11 58 10	3867		11.4		207.6	16.2	R(Ste)	Ste85	R	1
17 40 54.0	−36 53 41	6682				251.0	−7.0	IRAS C	VKL92		i
17 41 45.0	−21 12 14	3866			13.8	237.4	0.9		Ste		1
17 41 59.5	+01 36 15	3872		12.3		217.3	12.0		Ste65, CCCS 2477		1
17 42 05.4	−57 55 25	3855	10.3			270.2	−16.4	R5(HD)	160211, Sto II-85, CCCS 2465		1
17 42 15.6	−32 11 21	3865			11.5	247.0	−4.4		Fuen 250		1
17 42 20.4	−46 41 05	3862	13.4			259.9	−11.4	R(Sto)	Sto II-55, CCCS 2471		1
17 42 22.9	−35 14 51	3864	10.7	9.9	6.7	249.7	−5.9	R8(San)	160591(Nb), V450 Sco, CCCS 2473	R	1
17 42 50.7	−26 16 45	3870			10.1	242.0	−1.4	Cp,r	Ste		1
17 43 18.9	−57 43 26	3861	9.3	7.0		270.1	−16.2	Nb(HD)	160435, V Pav, CCCS 2470	R	0
17 43 42.9	−24 49 39	3873			13.4	240.8	−0.5		Ste		1
17 44 56.5	−18 39 26	3875	11.2	8.2	6.6	235.6	2.8	N + A3(Gordon)	161208(Nb), SZ Sgr, CCCS 2478	R	0
17 45 06.8	−26 53 28	3874			12.5	242.7	−1.3		Fuen 251		1
17 45 17.0	−66 32 07	3863	14.5			278.7	−19.6	R(Sto)	Sto I-12, CCCS 2472		1
17 45 42.8	+17 12 52	3879		8.7		203.1	19.5	R0(Van)	+17:3327, Van 68, CCCS 2482	*R	0
17 46 15.2	−64 37 18	3869	9.9			276.8	−18.8	R(Sto)	Sto I-9, CCCS 2475		1
17 47 10.5	−69 26 51	3868	14.2			281.6	−20.6	R(Sto)	Sto I-18, CCCS 2474		1
17 47 28.0	−38 55 41	6683			11.9J	253.5	−6.8	c	Gug93		i
17 47 28.0	−20 11 08	3880			13.4	237.2	2.6		Ste		1
17 47 28.2	−35 42 05	3878	10.5	7.0		250.6	−5.2	N3(CannMay49)	161511(Nb), SX Sco, CCCS 2481	R	0
17 47 38.2	−46 50 18	3876	13.2			260.5	−10.7	R(Sto)	Sto II-56, CCCS 2479		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
17 47 47.5	−16 47 12	3882			10.0	234.3	4.3		C 436, CCCS 2483		3
17 47 49.3	−25 37 45	6684			11.1J	242.0	−0.1	c	Epc90-218		i
17 48 04.1	−23 58 38	3881			13.4	240.6	0.8		Ste		1
17 48 12.2	−40 49 36	6685			10.8J	255.2	−7.6	IRAS C, c	Fou92,GJB93,Gro93		i
17 49 49.4	−27 28 27	3884			12.2	243.8	−0.7		Fuen 252, Ste		1
17 49 58.0	−61 39 35	3877	12.6			274.2	−17.1	R(Sto)	Sto I-5, CCCS 2480		1
17 51 03.5	−31 30 41	6686			10.7J	247.4	−2.5	c	Gug93		i
17 51 19.8	−39 22 23	3887		11.7		254.2	−6.4		Wray 316, CCCS 2488		1
17 51 32.0	−43 20 16	3886	14.2			257.7	−8.3	R(Sto)	Sto II-48, V348 Sco, CCCS 2487	R	1
17 51 51.5	−61 15 17	3883	13.8			273.9	−16.8	R(Sto)	Sto I-6, CCCS 2484, VV Pav		1
17 52 20.2	−78 09 16	3871		10.0		290.5	−23.5		Hen 259, CCCS 2476		2
17 52 34.2	−78 10 42	6687			5.6J	290.5	−23.5	c	Epc90-217,Fou92		i
17 53 18.0	−28 49 48	3889		10.0	8.2	245.3	−0.7		W 154-1, Sndlk, CCCS 2490, Ste	R	1
17 53 22.2	−23 16 46	3890		11.0:	9.7:	240.6	2.2	R(Ste)	C 159, W 155-1, Ste, CCCS 2491	R	1
17 53 26.8	−14 40 09	3892			12.4	233.1	6.6		Ste		1
17 53 42.5	+64 06 57	3912		10.7		152.3	31.0	R3(San)	163838(R), Van 69(R5), CCCS 2506	R	0
17 53 44.5	−64 23 24	3885	13.0			277.0	−17.9	R(Sto)	Sto I-10, CCCS 2486		1
17 53 58.2	−59 03 15	3888	13.3			272.0	−15.5	R(Sto)	Sto II-91, CCCS 2489		1
17 54 14.1	−23 49 54	3894			12.2	241.1	2.1		W 155-2, CCCS 2494, Ste		1
17 54 19.7	−25 49 31	6688			13.8J	242.9	1.1	c	Gug93		i
17 54 26.5	−41 47 43	3891		11.8:		256.6	−7.1		Ste, CCCS 2492		2
17 55 12.8	−32 04 13	3896			9.6	248.3	−2.0		Fuen 255, MacCon79(C:)		1
17 55 14.1	−27 57 31	3897			10.8	244.8	0.1		Fuen 256, Ste		1
17 55 29.5	−27 09 41	3898		14.0	10.6	244.1	0.6		W 156-1, Fuen 257, CCCS 2496,Ste		1
17 55 40.7	−25 27 54	3900		15.0	10.2:	242.7	1.5		W 155-3, Fuen 258, CCCS 2498,Ste		1
17 55 43.4	−41 12 14	3895	14.0			256.2	−6.6	R(Sto)	Sto II-43, CCCS 2495		1
17 55 45.4	−15 03 45	6689			12.9K	233.8	6.9	c	Fou92, PK 13+51		i
17 55 56.8	−28 01 51	3901	12.5	9.0	7.3	244.9	0.2	N0(CannMay38)	316667, V781 Sgr, CCCS 2499	R	1
17 56 17.2	−16 25 34	3904			12.9	235.0	6.3		Ste		1
17 56 23.3	+58 13 07	3921		7.2	6.6	159.2	31.2	Ne(San)	D 306(N), T Dra, CCCS 2512	R	0

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
17 56 24.6	−23 13 20	3902		11.0	9.3:	240.9	2.8	R(Ste)	C 160, W 155-4, Ste, CCCS 2500	R	1
17 56 37.0	−30 30 47	6690				247.1	−0.9	IRAS C; c	VKL92,GJBSW, AFGL 5416		i
17 56 58.5	−24 06 13	3906			12.2	241.7	2.5		Fuen 261		1
17 57 04.0	−60 24 38	3893	14.3			273.4	−15.8	R(Sto)	Sto I-2, CCCS 2493		1
17 57 04.6	−33 46 29	3903	12.4			250.0	−2.6	R(Ste)	Ste, V750 Sco, CCCS 2501		1
17 57 12.3	−23 28 08	3907		14.5	9.8:	241.2	2.8		W 155-5, Fuen 262, CCCS 2503,Ste		1
17 57 26.1	−52 07 43	3899	13.0			266.0	−11.8	R(Sto)	Sto II-73, CCCS 2497		1
17 57 57.3	−36 25 07	3908	12.6			252.3	−3.8	R(May51)	May51, Ste(R), CCCS 2504		1
17 58 07.1	−47 10 58	3905	13.3			261.7	−9.3	R(Sto)	Sto II-60, CCCS 2502		1
17 58 09.3	−29 00 19	6691			12.9J	246.0	0.1		ALRW91		1
17 58 11.0	−33 50 33	6692		13.1		250.2	−2.4	R(LE83)	LE83, V717 Sco		3
17 58 30.9	+13 11 54	3917		9.7		208.3	20.7	R4(San)	D 115(N), Ste(R), V2390 Oph	R	0
17 59 30.6	−30 27 56	3911			11.4	247.4	−0.4		Fuen 263		1
17 59 32.1	−29 15 01	6693			11.7J	246.4	0.3		ALRW91		i
17 59 35.4	−28 57 46	6694			11.6J	246.2	0.4		ALRW91		i
17 59 48.3	−28 51 18	6695			11.6J	246.1	0.5		ALRW91		i
17 59 53.4	−27 35 11	3914			11.7	245.0	1.2		Fuen 264		1
18 00 13.7	−31 03 42	3915			10.4	248.0	−0.6		Fuen 265		1
18 00 41.0	−46 15 37	3913	11.7			261.1	−8.4	R(Sto)	Sto II-57, CCCS 2507		1
18 00 44.8	−55 55 24	3909	13.8		5.3J	269.6	−13.2	N(Sto)	Sto II-79, CCCS 2505		1
18 00 45.2	−17 00 31	3922	13.8	11.0	8.7	236.1	6.9	R(Sndlk)	C 161, Sndlk, CCCS 2514	R	2
18 00 55.6	−41 47 31	3916	13.6			257.2	−6.1	R(Sto)	Sto II-44, CCCS 2508		1
18 01 02.8	−29 05 07	3920	13.6	10.0	7.8	246.4	0.6	N(Sndlk)	W 156-3, V1734 Sgr, CCCS 2511	R	2
18 01 05.9	−33 53 47	3918			10.3	250.5	−1.9		Fuen 266		1
18 01 06.4	−17 44 22	3925			8.8J	236.8	6.6		Lit 130,Epc90-219,AFGL 2047		1
18 01 07.2	−12 43 15	3926		10.1	8.8	232.4	9.2	C8,2(De)	C 437, Sndlk, CCCS 2516	R	2
18 01 22.3	−22 01 06	6696				240.4	4.4	c:(OLFHHS)	OLFHHS		i
18 01 31.8	−38 56 32	3919	12.8			254.9	−4.5	R(Sto)	Sto II-31, Ste(R), CCCS 2510	R	1
18 01 52.3	−14 20 16	3929		11.2:	9.3	233.9	8.5		C 162, Sndlk, CCCS 2518, Ste		1
18 01 57.3	−38 59 22	3923	13.0			254.9	−4.4	R(Sto)	Sto II-31, CCCS 2513		1

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18 02 17.4	−22 40 07	3930			11.3	241.1	4.3		W 157-1, V1948 Sgr,CCCS 2519,Ste		1
18 02 28.3	−19 10 25	3933	12.9	9.9:	6.5	238.2	6.1	N0(CannMay)	312502, -19:4805, V4378 Sgr	R	0
18 02 29.2	−24 46 03	3931		13.5	9.1	242.9	3.2		W 158-1, Fuen 268, CCCS 2520,Ste	R	1
18 02 33.2	−29 55 06	3928	18.2	16.2	12.4J	247.3	0.5		ALR 5, ALRW91	R	3
18 02 45.8	−29 48 16	6697			11.9J	247.2	0.6		ALRW91		i
18 02 47.1	−29 41 33	6698			10.8J	247.1	0.6		ALRW91		i
18 02 49.3	−40 19 27	3927	13.6			256.2	−5.0	R(Sto)	Sto II-40, CCCS 2517		1
18 02 49.5	−48 40 02	3924	14.3			263.4	−9.3	R(Sto)	Sto II-62, CCCS 2515		1
18 02 52.7	−30 05 03	3932	18.9	16.6	11.1J	247.5	0.4		ALR 6, ALRW91		3
18 03 09.0	−28 10 54	3934	13.1	11.5:		245.9	1.5	N:(Sndlk)	Sndlk, CCCS 2522		1
18 03 22.6	−18 37 43	3937			13.4	237.8	6.6		Ste		1
18 03 29.6	−22 32 48	3936			13.4	241.2	4.6		Ste		1
18 03 36.5	−30 21 37	6699			12.5J	247.8	0.4		ALRW91		i
18 03 42.6	−30 23 13	6700			12.1J	247.8	0.4		ALRW91		i
18 03 52.7	−32 13 15	3935			10.1	249.4	−0.5	C5,5J(Fuen)	Fuen 270	R	1
18 04 32.2	−29 50 48	6701			11.9J	247.5	0.9		ALRW91		i
18 04 49.2	−32 43 11	3939	12.5			249.9	−0.6	R0(CannMay38)	318952, V1783 Sgr, CCCS 2524	R	2
18 05 01.2	−30 24 07	6702			11.5J	248.0	0.7		ALRW91		i
18 05 08.2	−30 13 43	3940	17.8	15.8	11.5J	247.9	0.8		ALR 7, ALRW91		3
18 05 12.2	−39 20 32	3938	11.0	9.9		255.6	−4.1	R3(San)	164889(R5), W CrA, CCCS 2523	R	0
18 05 19.8	−29 59 17	6703			11.1J	247.7	0.9		ALRW91		i
18 05 38.9	−13 16 35	3943			10.5	233.5	9.8		C 163, CCCS 2527		3
18 05 40.8	−31 03 52	6704			12.1J	248.6	0.4		ALRW91		i
18 05 58.9	−17 07 34	6705			9.6J	236.8	7.9	c	Gug93		i
18 06 01.4	−39 45 51	3941	14.3			256.0	−4.2	R(Sto)	Sto II-36, CCCS 2525		1
18 06 13.8	−31 03 33	6706			13.1J	248.7	0.5		ALRW91		i
18 06 18.2	−26 50 39	3944	13.3	10.8	7.0	245.1	2.8	N:(Sndlk)	W 158-2, Sndlk,Hen 268,CCCS 2528		1
18 06 27.9	−22 02 58	6707			8.7J	241.1	5.4	c	Epc90-221		i
18 06 32.7	−30 45 45	6708			11.3J	248.5	0.7		ALRW91	R	i
18 06 36.0	−19 07 49	3945			13.3	238.6	7.0		Fuen 271, Ste		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
18 06 42.0	−23 44 24	6709			9.8H	242.6	4.5	IRAS C;c(Gug93)	GJBSW,AFGL 5440,V449 Cyg		i
18 06 44.2	−30 23 46	6710			11.1J	248.2	1.0		ALRW91		i
18 06 49.9	−09 41 42	6711		14.1	9.9	230.5	11.9		Lo74,Fou92,CKJJ,FX Ser	R	2
18 07 02.0	−14 35 35	3948		10.1	7.0	234.8	9.4		C 164, Sndlk, HanBl, CCCS 2530	R	2
18 07 21.7	−30 54 13	6712			12.4J	248.7	0.8		ALRW91		i
18 07 24.7	−15 25 05	3949		10.9	10.1	235.5	9.1	Ce(MacCon79)	MacCon79, IRAS, Ste		1
18 07 28.7	−28 30 24	3947	13.2	10.4	8.0	246.7	2.1	N0(CannMay38)	317084, MSB 62, V4380 Sgr	R	0
18 07 28.9	−33 16 32	3946			10.2	250.7	−0.4		Fuen 272,Fou92,Epc87,Epc90-222		1
18 07 36.1	−11 12 47	3951		13.2		231.9	11.3		Ste65, CCCS 2532		1
18 07 46.5	−54 33 21	3942	12.3			268.9	−11.7	R(Sto)	Sto II-77, CCCS 2526		1
18 07 56.1	−30 31 34	6713			11.9J	248.4	1.1		ALRW91		i
18 08 45.4	+09 27 08	3957		9.7	8.4	213.1	21.4	R5(Sh)	166097(R5), +9:3576, CCCS 2538	R	0
18 08 50.3	−37 19 43	3950	11.0			254.3	−2.4	R5(CannMay49)	324924, WX CrA, CCCS 2531	R	1
18 09 00.3	−32 37 42	3952	12.3			250.3	0.2	R(Ste)	Ste, CCCS 2533		1
18 09 19.7	−27 38 42	3954		11.8	9.0	246.2	2.9		Sndlk, HanBl, Fuen 274,CCCS 2535	R	1
18 09 28.5	−21 39 42	3956	14.0	10.3	7.2	241.1	6.2	N(Ste)	C 612, Ste, W 159-1, CCCS 2537	R	1
18 09 34.4	−31 56 42	6714			11.8J	249.8	0.6		ALRW91		i
18 09 49.8	−31 32 58	6715			13.4J	249.5	0.9		ALRW91		i
18 09 56.4	−31 18 47	6716			12.9J	249.3	1.1		ALRW91		i
18 10 02.1	−45 23 55	3953	12.7			261.2	−6.6	R(Sto)	Sto II-53, CCCS 2534		1
18 10 06.2	−32 21 08	6717			11.1J	250.2	0.5		ALRW91		i
18 10 17.6	−26 38 37	3958	11.7	11.5		245.5	3.7	R1(HD)	166129, -26:12879, CCCS 2539	R	1
18 10 24.9	−31 35 07	6718			12.1J	249.6	1.0		ALRW91		i
18 10 27.8	−26 51 54	3960		9.9	7.6	245.7	3.6	N(San)	MSB 63,V1280 Sgr,CCCS 2540	R	1
18 10 32.6	−46 25 01	3955	14.1			262.1	−7.0	R(Sto)	Sto II-58, CCCS 2536		1
18 10 38.3	−32 38 06	3959			9.5	250.5	0.5		Fuen 276		1
18 10 52.3	−20 22 08	6719			9.4J	240.2	7.2	c	Gug93		i
18 10 55.7	−30 14 24	3962	13.1			248.6	1.8	R(Sto)	Sto II-8, CCCS 2542		1
18 11 06.6	−32 29 27	6720			12.9J	250.5	0.6		ALRW91		i
18 11 09.8	−32 11 13	6721			13.4J	250.2	0.8		ALRW91		i

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
18 11 15.9	−31 46 16	6722			13.1J	249.9	1.0		ALRW91		i
18 11 17.6	−24 53 46	6723			9.4J	244.1	4.8	c	Gug93		i
18 11 31.2	−80 37 41	3910				293.3	−23.6		BidMac		3
18 11 33.5	−44 08 22	3961	13.6			260.3	−5.7	R(Sto)	Sto II-51, CCCS 2541		1
18 11 37.6	−19 51 44	3964			9.7	239.9	7.6		C 613, S-WS 5(S), CCCS 2544	**R	3
18 11 50.8	−31 31 44	6724			12.5J	249.7	1.3		ALRW91		i
18 11 56.6	−04 36 24	6725		23:	12.3H	226.6	15.6	c	Fou92, OLFHHS,AFGL 2088		i
18 12 03.2	−28 08 33	3965	13.4			246.9	3.2	R(Sto)	Sto II-4, Sndlk(R:), CCCS 2546		1
18 12 11.5	−32 15 35	6726			12.6J	250.4	0.9		ALRW91	R	i
18 12 15.4	−05 59 36	3969			9.5	227.9	15.0		C 438, CCCS 2549		3
18 12 29.6	−37 59 29	3963	13.7			255.2	−2.2	R(Sto)	Sto II-32, HR CrA, CCCS 2545	R	1
18 12 33.1	−22 28 22	3967			10.5J	242.2	6.4		Lit 131,Epc90-223		1
18 12 38.9	+14 55 36	3973	12.0	10.7		208.1	24.6	R4(San)	Cann22(R0),Van 71(R5),CCCS 2551	R	0
18 12 56.1	−14 19 49	3971			11.6H	235.3	10.8		Lit 132,Epc90-224		1
18 13 10.0	−43 41 50	3966	12.8	11.6		260.1	−5.2	R(HD)	166534, -43:12354, CCCS 2547	*R	1
18 13 10.3	−30 16 12	3968	12.8	11.8		248.8	2.2	R(Sto)	Sto II-9, V739 Sgr, CCCS 2548	R	1
18 13 38.2	−27 57 58	6727			12.6J	247.0	3.6		ALRW91		i
18 13 40.6	−31 29 55	3970	12.6			249.9	1.6	R(Sto)	Sto II-12, Ste(R), CCCS 2550		1
18 13 48.7	−07 24 23	3974			8.8	229.4	14.6		C 439, CCCS 2552		3
18 13 48.8	−14 52 36	3972			8.5	235.9	10.7		Fuen 278		2
18 14 07.9	−27 49 35	6728		12.1		246.9	3.7	F9-G8(R)(LE83)	LE83,V1181 Sgr	R	2
18 14 24.0	−15 39 16	3975			14.1	236.7	10.4		Ste		1
18 15 01.0	−22 43 59	6729			12.2J	242.8	6.7	IRAS C;c(Gug93)	GJBSW, AFGL 2096		i
18 15 11.1	−27 55 08	3976	12.5			247.1	3.9	R(Sndlk)	Sndlk, CCCS 2553		2
18 15 48.6	−18 38 07	6730			9.1H	239.4	9.1	c	Gug93		i
18 15 51.8	−04 54 39	3978		11.2	8.9	227.4	16.3		C 440, CCCS 2555, Ste, MaeSoy90		1
18 15 59.2	−16 28 56	3977		11.5	8.9	237.6	10.3		C 165, Ste, Fuen 279, CCCS 2554		1
18 16 09.7	−32 07 26	6731			11.1J	250.7	1.7	c	Gug93		i
18 16 40.4	−20 34 58	3979			12.8	241.2	8.2		Fuen 280		1
18 17 11.4	−27 49 30	6732			11.8J	247.3	4.3		ALRW91		3

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18 17 17.1	−21 54 45	3981			12.5	242.4	7.6		Fuen 281		1
18 17 43.0	−22 14 39	6733			11.9J	242.7	7.5	c	Gug93		i
18 17 55.0	−39 47 15	3980	13.4			257.3	−2.3	R(Sto)	Sto II-37, CCCS 2556		1
18 18 04.9	−06 00 22	3989		12.6	9.8	228.7	16.2		C 441, CCCS 2562, Ste, MaeSoy90		1
18 18 12.9	−11 45 07	3986			10.0	233.8	13.3		C 166, CCCS 2561, Ste		1
18 18 18.8	−06 51 50	3990		15.7	8.3	229.5	15.8		C 442,CCCS2565,Ste,AFGL 2118	R	1
18 18 19.7	−33 15 54	3983	12.4			251.9	1.5	R(Sto)	Sto II-21, Ste(R), CCCS 2558		1
18 18 21.5	−13 26 19	3987	13.1		6.3	235.3	12.4	N(Sndlk)	C 19, -13:4918, ES Ser,CCCS 2563	*R	1
18 18 32.2	−32 40 12	6734			12.5J	251.5	1.8		ALRW91		i
18 18 49.9	−02 45 29	6735			9.3K	225.8	18.0	c	Fou92, RAFGL 5466		i
18 18 51.2	−46 32 53	3982	11	9.5		263.0	−5.9	R0(Cann21)	Cann21, RS Tel, CCCS 2557	R	0
18 19 03.5	−41 57 08	3984	12.7			259.2	−3.3	R5(MayCann40)	MayCann40, V546 CrA, CCCS 2559	R	1
18 19 21.8	−15 36 46	3992	9.0	8.2	6.0	237.3	11.4	R6(San)	168227(R5), FO Ser, CCCS 2567	R	0
18 19 41.5	−39 53 45	3988	13.4			257.6	−2.1	R(Sto)	Sto II-38, CCCS 2564		1
18 19 51.9	+05 07 50	6736		12.6		218.6	22.0		MaeSoy90		1
18 20 16.4	−40 00 38	3991	14.0			257.7	−2.0	R(Sto)	Sto II-41, CCCS 2566		1
18 20 40.2	−11 21 49	3993			12.1	233.8	14.0		Ste		1
18 21 04.8	+05 22 52	3995		11.9		218.5	22.4		Ste65, MaeSoy90, CCCS 2568		1
18 21 37.1	−17 00 34	3994		10.9		238.8	11.1		MacCon79		2
18 21 58.8	+04 14 41	6737		12.3		219.7	22.0		MaeSoy90		1
18 22 10.3	−19 01 07	3996		11.8:	9.3	240.5	10.1		C 614, Sndlk(C:), CCCS 2569	R	1
18 22 34.2	−27 06 29	6738			9.9J	247.4	5.7	c	Fou92, GJBSW, AFGL 2135		i
18 22 37.3	+02 10 59	6739		15.0:		221.7	21.2		MaeSoy90		1
18 23 03.1	−68 00 18	3985	12.3			281.8	−17.0	R(Sto)	Sto I-17, CCCS 2560		1
18 23 28.0	−22 06 09	4007		10.0	7.4	243.3	8.7		MacCon79(CHstar?),HanBl,IRC-20482	R	0
18 24 13.9	−30 01 14	3998	13.0			250.0	4.3	R(Sto)	Sto II-10, Sndlk(R), CCCS 2571		1
18 24 15.5	−24 15 23	3999	11.3			245.2	7.6	R0(Ste)	Ste, GU Sgr, CCCS 2572	R	1
18 24 18.1	+06 02 45	4002		11.0		218.2	23.4	R0(San)	D 117(N), CCCS 2575		0
18 24 51.2	−20 46 16	4000	13.8			242.4	9.7		Sndlk, CCCS 2573		1
18 25 01.6	−23 08 05	4001	13.0			244.4	8.4	R(Ste)	Ste, V3816 Sgr, CCCS 2574	*+R	2

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
18 25 29.0	+05 46 03	6740		13.9	8.0J	218.7	23.5		MaeSoy90, Fou92, RAFGL 2150		1
18 25 38.4	+26 49 10	4011		13.0	9.6	196.6	31.5	N(Ste)	C 737, Ste, CCCS 2584		1
18 25 43.3	−33 55 17	6741			13.4J	253.4	2.3		ALRW91		i
18 25 47.3	−09 21 39	4005			10.6	232.7	16.1		C 167, CCCS 2578		3
18 25 58.5	−06 15 53	4008		13.4	11.1	230.0	17.8		C 168, CCCS 2580, Ste, MaeSoy90		1
18 26 18.5	+00 53 07	6742		15.5:		223.4	21.4		MaeSoy90		1
18 26 39.1	−06 54 04	6743		17.9	10.1J	230.6	17.6	c	GJBSW, Gog93, AFGL 2154		i
18 26 42.7	−31 14 15	4004	13.9			251.3	4.1	R(Sto)	Sto II-13, CCCS 2577		1
18 26 57.5	+01 09 03	4013		11.6	8.3	223.3	21.7		C 443,HanBl,IRC +00351,CCCS 2586	R	1
18 26 58.6	−12 19 17	6744			8.4J	235.4	14.8	c	Gug93		i
18 27 02.1	−01 06 11	4012		13.2	11.1	225.4	20.6		Ste65, CCCS 2585, Ste, MaeSoy90		1
18 27 02.4	−11 46 57	4009	13.1			235.0	15.1	R(Ste65)	Ste65, CCCS 2582		1
18 27 04.4	−63 05 06	3997	13.7			277.7	−14.1	R(Sto)	Sto I-8, CCCS 2570		1
18 27 13.5	−45 24 43	4003	11.4			262.9	−4.1	R(Sto)	-45:12493, Sto II-54, CCCS 2576		1
18 27 16.2	−30 04 41	6745			9.5J	250.4	4.8	c	Gug93		i
18 27 17.1	−39 13 28	4006	13.0			257.9	−0.5	R(Sto)	Sto II-39, CCCS 2579		1
18 27 33.4	−08 37 24	4014			11.5J	232.3	16.9		Lit 133,Epc90-226,OLFHHS		1
18 27 55.2	−10 10 20	4015			11.0	233.7	16.1		C 169, CCCS 2587		3
18 28 00.3	−05 55 28	4016		11.1	8.2	229.9	18.4		C 170, CCCS 2588, Ste, MaeSoy90		1
18 28 16.6	−08 34 18	4019			13.0	232.3	17.0		Alb, CCCS 2591, Ste		1
18 28 23.1	−14 13 17	4017			10.7	237.3	14.0		C 615, CCCS 2590		3
18 28 23.9	−13 35 22	4018			10.4	236.7	14.4		C 616, CCCS 2589, Ste		1
18 29 25.4	−06 04 39	6746				230.3	18.6	c:(OLFHHS)	OLFHHS	R	i
18 29 46.8	−12 54 59	4024			10.9H	236.3	15.0		Lit 134,Epc90-227,OLFHHS		1
18 29 52.1	−36 20 46	4020	13.0			255.8	1.6	R3(MayCann38)	-41:12692nf, MayCann38,CCCS 2592	R	1
18 30 04.0	+04 16 05	6747		13.5		220.7	23.8		MaeSoy90		1
18 30 06.8	−56 59 12	4010	12.6			272.7	−10.4	R(Sto)	Sto II-87, CCCS 2583		1
18 30 15.2	−38 25 01	4021	11.2	10.3		257.5	0.5	R5(San)	170282(R5), -38:12843, CCCS 2593	R	0
18 30 26.1	−16 53 49	4025	10.9	9.0	7.0	239.9	12.9	N(HD,Sndlk)	170495,-16:4904,SS Sgr,CCCS 2595	R	0
18 30 26.3	−09 48 02	4027		13.2		233.7	16.8		Ste65, CCCS 2597		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
18 31 09.0	−48 46 59	4022	13.7			266.0	−5.5	R(Sto)	Sto II-63, CCCS 2594		1
18 31 17.0	−31 02 55	4026	12.7			251.7	5.0	R(Sto)	Sto II-14, CCCS 2596		1
18 31 23.1	−47 15 39	4023			7.6J	264.8	−4.6		Lit 135,Epc90-228,Fou92		1
18 31 23.1	+04 22 54	4032	12.7	9.0	6.8	220.7	24.2	N(San);C5,5(Yam)	170831(Nb), TY Oph, CCCS 2602	R	1
18 31 35.8	−08 35 28	6748			11.3J	232.8	17.7	c	Gug93		i
18 31 58.8	−05 31 52	4034			13.0	230.1	19.4		Alb, CCCS 2604, Ste		1
18 32 01.6	−15 01 43	4031	13.6	10.7:	9.4	238.5	14.3	R(Ste)	C 617, Ste, Sndlk, CCCS 2601		1
18 32 10.9	−06 27 05	4035		12.6	9.9	231.0	19.0		C 171, CCCS 2605, Ste, MaeSoy90		1
18 32 13.8	−30 47 03	4029	13.8			251.6	5.3	R(Sto)	Sto II-11, CCCS 2599		1
18 32 14.1	−31 28 49	4028	12.6			252.2	4.9	R(Sto)	Sto II-11, CCCS 2598		1
18 32 20.1	+36 59 56	4038		7.8	4.9	185.2	35.3	R6(San)	D 206, T Lyr, Van 73, CCCS 2608	R	0
18 32 35.7	−20 50 48	4033	12.6	11.2:		243.5	11.1	R0(CannMay38)	CannMay38, Sndlk(R), CCCS 2603		1
18 32 50.5	−21 09 37	6749			10.6K	243.8	11.0	c	Fou92		i
18 33 13.2	−46 09 51	4030	12.6			264.1	−3.7	R(Sto)	Sto II-59, CCCS 2600		1
18 33 33.1	−08 27 31	4037			10.9	233.0	18.2		C 172, CCCS 2607		3
18 33 50.0	−23 30 20	4036		10.4:		245.9	9.8	N(Ste)	Ste, CCCS 2606		2
18 34 38.2	−03 50 17	6750			14.J	228.9	20.9	c	Gug93, OLFHHS		i
18 34 39.0	+09 12 32	4045	14.1	9.4	7.5J	216.4	27.1		Nass64, V627 Oph, CCCS 2614	+R	1
18 34 45.7	−11 19 12	4039			13.1	235.6	16.9		Ste		1
18 34 53.4	+00 51 42	4044			10.8	224.6	23.3		C 174, CCCS 2612		3
18 34 55.2	−10 11 38	4040			11.0	234.7	17.5		Alb, CCCS 2609, Ste	R	1
18 34 58.3	−02 06 05	4043		14.7	11.3	227.4	21.8		C 173, CCCS 2613, Ste, MaeSoy90		1
18 35 14.2	−15 32 18	4041	12.6	11.0		239.4	14.7	R(Sndlk)	Sndlk, CCCS 2610		3
18 36 00.4	−31 42 58	4042	12.6			252.8	5.4	R(HD)	171399, Sto II-16(R), CCCS 2611		1
18 36 26.5	+16 58 08	4055		10.8		208.5	30.6	R(NassSte61)	NassSte61, CCCS 2623		1
18 36 27.1	−18 49 54	4047			13.4	242.3	13.0		Ste		1
18 36 32.4	−00 28 10	6751			13.3H	226.1	23.0	c	Gug93		i
18 36 56.1	−17 24 46	4048	13.5			241.2	13.9	R(Sndlk)	Sndlk, CCCS 2616		1
18 37 04.1	−07 36 12	4052	11.0	9.0	5.3	232.7	19.4	N(San);C5,5(Yam)	171804(Nb), RX Sct, CCCS 2620	R	0
18 37 20.3	−24 42 11	4049	13.9			247.3	9.8	R(Ste)	Ste, V3857 Sgr?, CCCS 2617	R	1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
18 37 24.2	−41 58 34	4046	13.4			261.2	−0.6	R(Sto)	Sto II-46, CCCS 2615		1
18 37 36.1	+07 32 51	6752		13.6		218.4	27.0		MaeSoy90		1
18 37 37.5	+01 57 48	4058		13.8	10.4	223.9	24.4		Ste, MaeSoy90		1
18 37 51.5	−34 00 21	4050	13.3			254.9	4.3	R(Sto)	Sto II-25, CCCS 2618		1
18 37 55.8	−10 54 08	4057		13.5		235.7	17.8		Ste65, CCCS 2625		1
18 38 11.7	−08 35 10	4059			10.0	233.7	19.1		Alb, CCCS 2626, Ste		1
18 38 13.5	−02 51 25	4062		14.1	10.9	228.5	22.1		C 175, CCCS 2629, Ste, MaeSoy90		1
18 38 26.3	−33 22 41	4053	13.6			254.5	4.8	R(Sto)	Sto II-22, CCCS 2621		1
18 38 26.8	−03 10 48	4064			12.5	228.9	22.0		Alb, CCCS 2631		3
18 38 38.8	−44 25 58	4051	13.6			263.3	−1.9	R(Sto)	Sto II-52, CCCS 2619		1
18 38 53.2	−40 11 12	4054	12.9			260.0	0.7	N0(MayCann40)	MayCann40,Sto II-42(R),CCCS 2622		1
18 38 55.3	−33 07 22	4056	13.3			254.3	5.0	R(Sto)	Sto II-23, CCCS 2624		1
18 39 00.7	−40 54 28	6753			9.8K	260.6	0.3	c	Gug93		i
18 39 03.1	−25 19 49	4060	11.7			248.1	9.7	R(Ste)	Ste, CCCS 2627		2
18 39 04.4	−03 14 16	4065	14.4		12.5	229.0	22.1		Alb, CCCS 2632, Ste, MaeSoy90	R	1
18 39 23.0	−04 49 32	6754			12.7J	230.5	21.4	c	Epc90-230,OLFHHS		i
18 39 25.1	+10 41 16	6755			9.8J	215.4	28.8	c	Epc90-232		i
18 39 43.2	−32 28 16	4063	13.6			253.9	5.6	R(Sto)	Sto II-19, CCCS 2630		1
18 39 44.5	−10 32 06	6756			11.0H	235.7	18.4	c	Epc90-231		i
18 39 52.4	−03 42 04	4067			12.3	229.5	22.0		Alb, CCCS 2634, Ste		1
18 39 57.5	−14 10 36	4066	12.2	10.6		238.9	16.4	R(Ste65)	Ste65, Sndlk(R), CCCS 2633		1
18 40 10.9	−43 39 44	4061	13.4			262.9	−1.2	R(Sto)	Sto II-50, CCCS 2628		1
18 40 18.0	−11 56 42	4068			13.1	237.0	17.7		Ste		1
18 40 36.1	−04 54 50	4071		13.7	10.7	230.7	21.6		Ste65, CCCS 2637, Ste, MaeSoy90		1
18 40 38.3	−04 20 07	4072		14.8:	12.5	230.2	21.9		Alb, CCCS 2638, Ste, MaeSoy90	R	1
18 40 38.8	+01 57 09	4073		14.6:	11.5	224.3	25.1		Ste, MaeSoy90		1
18 40 39.9	−10 01 14	4069	13.2			235.3	18.8	N(Ste65)	Ste65, CCCS 2635		1
18 41 29.5	−06 56 28	4075			9.0	232.7	20.7		Alb, CCCS 2640		3
18 41 54.5	+17 41 11	4078		9.7:	6.8	208.3	32.1	N(Ste),C 7,3(CH96)	Vogt,V821 Her,Ste,AFGL 2232	R	1
18 42 05.4	−26 12 20	4074	12.4			249.2	9.8	R(Sto)	Sto II-1, CCCS 2639		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
18 42 24.6	−02 17 25	4077			11.3	228.6	23.3		C 176, V1417 Aql, CCCS 2642	R	1
18 42 37.9	−00 15 21	4079			12.9	226.7	24.4		Ste		1
18 42 38.9	−17 42 06	4076	13.9			242.2	14.9	R(Sndlk)	Sndlk, CCCS 2641		2
18 42 44.4	−07 01 13	6757			11.5H	233.0	20.9	c	Epc90-233		i
18 42 50.0	+36 57 31	4089	9.5	7.9	5.7	185.6	37.3	N4(Sh)	173291(Nb), HK Lyr, CCCS 2651	R	0
18 43 00.6	+04 06 10	4082	15.0	11.2	10.1	222.5	26.6		C 177, BW Ser, CCCS 2644,Ste(C:)	R	1
18 43 05.2	−51 45 34	4070	10.2	9.5		269.6	−5.8	R0(HD);C2,2(War)	172464, -51:11725, CCCS 2636	R	1
18 43 08.1	−02 57 40	4080			13.8	229.3	23.1		Ste		1
18 43 20.1	+02 18 23	6758			11.6H	224.3	25.8	c	Gug93		i
18 43 31.6	+17 39 07	4088		10.8		208.5	32.5	N(NassSte61)	NassSte61, Ste(N), CCCS 2650	R	1
18 43 59.7	+00 03 20	4087		12.4	11.4	226.6	24.8		C 178, CCCS 2649, Ste, MaeSoy90		1
18 44 16.8	−21 18 58	4084	13.9			245.5	13.1		Ste, CCCS 2646		2
18 44 25.2	−13 12 48	4086	10.0		7.7	238.7	17.8	Nb(HD);C4,4(Yam)	173138, RV Sct, CCCS 2648	R	0
18 44 30.7	+11 50 17	4091			6.3J	214.8	30.4		Lit 136,Epc90-234		1
18 44 38.1	−34 14 39	4081	12.6			256.0	5.3	R(Sto)	Sto II-34, CCCS 2643		1
18 44 41.7	−27 35 15	4085	13.4			250.7	9.4	R(Sto)	Sto II-2, CCCS 2647		1
18 44 42.6	−02 33 24	4090			13.7	229.1	23.7		Ste		1
18 44 51.9	+11 50 10	4096			8.3	214.9	30.5		C 444, CCCS 2653		3
18 44 58.3	−37 56 58	4083	13.2			258.9	3.0	R(Sto)	Sto II-34, CCCS 2645		1
18 44 58.6	+03 49 35	4093		14.9:	7.8J	223.1	26.9		Lit 137, MaeSoy90,Epc90-235		1
18 45 03.6	+06 52 36	4095			12.4	220.0	28.4		Ste		1
18 45 19.2	−05 13 55	4092			13.4	231.7	22.4		Ste		1
18 45 29.4	+05 09 32	6759		14.3		221.8	27.7		MaeSoy90		1
18 45 35.9	−00 29 11	4097		14.2	12.3	227.3	24.9		Ste,Lit 138,MaeSoy90,Epc90-236		1
18 45 41.2	+09 38 28	4099	14.6	12.7	10.2	217.3	29.7		C 445, V874 Aql, CCCS 2655		2
18 46 24.8	+03 33 57	4102			11.1	223.5	27.1		Ste		1
18 46 26.0	+05 15 11	4104			12.0	221.8	27.9		Ste		1
18 46 26.6	−31 20 32	4094		9.5		253.9	7.4	R0(San)	173409(R0), -31:15954, CCCS 2652	R	0
18 46 40.5	−04 59 29	4101			13.4	231.7	22.8		Ste		1
18 46 40.6	−06 34 38	4100	15.6	11.0	9.1	233.1	22.0	R(Ste)	C 618, Ste, MaeSoy90, CCCS 2656	R	1

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18 46 50.4	+01 17 38	4105		17:	13.4	225.8	26.1		Ste, MaeSoy90		1
18 46 52.4	+01 04 57	4106		14.4	11.4	226.0	26.0		C 179, CCCS 2658, Ste, MaeSoy90		1
18 46 56.0	+10 05 07	4108			10.7	217.0	30.2		Ste		1
18 47 12.2	−07 16 33	4107	15.0			233.8	21.7	Early C:(Harw)	Harw, NSV 11339, CCCS 2659		3
18 47 14.2	+10 04 30	4113			9.8	217.0	30.3		C 446, CCCS 2663		3
18 47 21.0	+05 27 19	4111	10.4	9.5	5.4	221.8	28.2	N(San);C5,4(Yam)	MSB 64, +5:3950,DR Ser,CCCS 2661	R	0
18 47 32.3	−38 09 32	4098	13	9.4		259.4	3.3	R0(HD)	173539, V CrA, CCCS 2654	R	0
18 47 33.5	−23 56 27	4103	13.7	9.0	7.2	248.1	12.1		Hen 276, NR Sgr, HanBl,CCCS 2657	R	2
18 47 34.0	−04 36 37	4109		13.0	9.7	231.5	23.2		C 619, Ste65, CCCS 2660, MaeSoy90	R	1
18 47 53.7	−11 52 18	4110			13.9	238.0	19.3		Ste		1
18 48 03.4	−01 39 32	4114			12.9	228.8	24.8		Ste		1
18 48 03.7	−01 23 25	4115		15.2:	13.8	228.5	25.0		Ste, MaeSoy90		1
18 48 31.3	−13 13 14	4116			12.1	239.3	18.6		Ste		1
18 49 07.9	−13 28 17	4118			12.8	239.6	18.6	weak C	Ste		1
18 49 10.3	−06 53 05	6760				233.8	22.3	c	VKL92,OLFHHS		i
18 49 14.8	−17 02 40	4117	13.3	11.5		242.7	16.5		Sndlk, V2045 Sgr, CCCS 2664		2
18 49 37.3	+11 52 06	4122	12.5	11.0	8.0	215.4	31.6	N(D); C5,4(De)	D 121, V478 Aql, C 447,CCCS 2667	R	1
18 49 54.6	+09 30 05	6761		17.2	11.5J	218.0	30.6	c	GJBSW, Gug93, AFGL 2259		i
18 50 03.0	−31 32 51	4119	12.7			254.5	7.9	R(Sto)	Sto II-17, CCCS 2665	R	1
18 50 04.4	−05 36 41	4120			13.2	232.7	23.2		Ste, Epc90-237		1
18 50 20.0	−07 54 27	4121	9.7	6.3	4.7	234.9	22.0	N3(Sh)	174325(Nb), S Sct, CCCS 2666	R	0
18 50 26.5	+04 36 03	6762			9.5	223.0	28.5	2.3	Fr75,IRC 00382,Wil73		3
18 50 34.3	−53 50 17	4112	14.2			271.9	−6.2	R(Sto)	Sto II-74, CCCS 2662		1
18 50 52.3	−06 44 23	4124	12.9	10.7	8.2	233.9	22.7	C8,2e(De)	C 620, AI Sct, Harw, CCCS 2669	R	1
18 51 14.4	−18 38 43	4123	13.9	11.8:		244.3	16.0		Sndlk, CCCS 2668	R	1
18 52 08.2	+03 24 06	4128		17:	13.8	224.5	28.3		Ste, MaeSoy(C:)		1
18 52 10.8	+01 35 15	4127		14.2	10.5	226.2	27.4		C 180, CCCS 2672, Ste, MaeSoy90		1
18 52 29.4	+00 54 13	4129		11. :		227.0	27.1	N(D)	D 123, CCCS 2673		3
18 52 31.3	−16 05 15	4125		11.2:		242.3	17.7		Sndlk, CCCS 2670		2
18 52 33.3	−13 47 22	4126	12.5	11.5:		240.4	19.1	R(Ste65)	Ste65, Sndlk, Mayun, CCCS 2671		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
18 53 29.5	+10 47 09	4132			13.4	217.0	32.0		Ste		1
18 53 51.4	−12 31 07	4130	14.0	11.2	9.0	239.5	20.1		Sndlk, SZ Sct, Alb, CCCS 2674	R	2
18 53 58.5	−04 36 52	4131		14.3:	13.4	232.4	24.5		Ste, MaeSoy90		1
18 54 30.8	+02 47 30	4136		14.5	12.2	225.4	28.5		Ste, MaeSoy90		1
18 54 38.1	+49 35 44	4144		10.5		169.5	40.0	R(D); C4+,4(De)	D 307, Ste(R-N), CCCS 2682	R	1
18 54 40.3	−02 17 52	4135			14.1	230.3	25.9		Ste(C:,r), Lit 139, Epc90-238		1
18 55 18.4	+07 32 01	4139		16:	12.4	220.7	30.9		Ste, MaeSoy90(C:)		1
18 55 27.6	−08 11 10	4138	11.1	8.8	6.5	235.9	22.9	N3(Sh);C7,3(Yam)	175377(Nb), T Sct, CCCS 2678	R	0
18 55 33.0	−32 40 14	4133	9.7			256.2	8.0	R(Sto)	-32:14668, Sto II-20, CCCS 2675	R	1
18 55 57.0	−07 54 10	4140			12.7	235.7	23.1		Ste		1
18 56 11.0	−29 03 52	4137	14.5			253.4	10.4	R(Sto)	Sto II-5, PQ Sgr, CCCS 2677		1
18 56 29.9	−03 10 55	4142		13.5		231.4	25.8		Ste65, CCCS 2680, MaeSoy90		1
18 56 35.3	−16 09 13	4141	12.2			243.0	18.5		Sndlk(C:), CCCS 2679	R	2
18 56 51.4	−08 42 11	4143	15.3			236.6	22.9	Early C(Harw)	Harw, NSV 11569, CCCS 2681		3
18 57 36.4	+03 27 24	6763			13.3J	225.2	29.5	c	Gug93		i
18 57 40.4	−56 38 33	4134	12.5			274.8	−7.2	R(Sto)	Sto II-82, CCCS 2676		1
18 58 32.4	+14 21 50	4147	11.1	8.0	5.9	213.8	34.6	N4(Sh);C5,3(Yam)	176200(Nb), UV Aql, CCCS 2684	R	0
18 58 35.3	−01 10 34	4146			13.8	229.8	27.3		Ste		1
18 58 41.7	−02 20 12	6764		14.2		231.0	26.8		MaeSoy90		1
18 58 47.3	−29 30 18	4145	10.1	9.3		254.1	10.6	R0(San)	175893(R1), -29:15574, V4152 Sgr	R	0
18 59 18.7	+12 40 24	4150			13.8	215.7	34.0		Ste		1
18 59 26.2	+11 24 10	4151			13.4	217.1	33.5		Ste		1
19 00 09.5	−01 34 57	4152	12.2	11.8	7.7	230.5	27.5	C9,1(De)	C 621,MaeSoy90,VX Aql,CCCS 2687	R	1
19 00 13.5	−05 27 40	4153		13.6	12.5	234.1	25.4		Alb, CCCS 2688, Ste, MaeSoy90		1
19 00 28.8	−01 09 33	4155		14.6	12.8	230.1	27.8		Ste, MaeSoy90(C:)		1
19 00 37.7	−05 19 08	4154		13.0	10.7	234.1	25.5		Ste65, CCCS 2690, Ste, MaeSoy90		1
19 00 47.9	−34 58 49	4149		9.0		258.7	7.4		Hen 334, CCCS 2686		2
19 01 13.7	+10 38 21	4157			11.1	218.2	33.6		Ste		1
19 01 41.7	−48 57 00	4148	14.1			269.3	−1.7	R(Sto)	Sto II-66, CCCS 2685		1
19 01 44.0	−04 11 12	4156		13.0	11.7	233.2	26.4		Ste, MaeSoy90		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
19 01 59.0	+14 32 50	6765			10.7J	214.0	35.4	c	Gug93		i
19 02 15.1	+10 14 10	4159	12.3	10.3	6.1	218.7	33.7	N(Ste65)	+10:3764, C 23, Ste65, CCCS 2692	R	1
19 02 34.6	+42 46 16	4166	13.0	12.1:		178.5	41.6	R(Ste)	Ste(two surveys), CCCS 2696		1
19 03 01.8	−39 42 57	6766			3.6J	262.5	4.6	c	Fou92, AFGL 5552		i
19 03 04.8	−02 44 08	4160		13.8	10.5	232.0	27.5		Alb, MaeSoy90, CCCS 2693		1
19 03 18.3	+07 30 47	4162		14.1	9.4	221.8	32.7		C 181, V1418 Aql, CCCS 2694, Ste	R	1
19 03 23.1	−06 42 54	4161		13.4	13.1	235.8	25.3		Ste, MaeSoy90(C:)		1
19 04 01.7	−41 15 53	4158	12.8	9.0		263.8	3.7		Hen 277, V450 CrA, CCCS 2691		2
19 04 04.9	+03 04 36	4165			11.9	226.5	30.7		Ste		1
19 04 15.3	−02 46 33	4163			10.4	232.2	27.7		Ste		1
19 04 24.2	−05 41 05	4164	10.6	6.5	4.0	235.0	26.1	N6(Sh)	177336(Np), V Aql, CCCS 2695	R	0
19 05 04.4	+13 42 33	4171		10.4:	8.6	215.3	35.7		C 182, Ste, CCCS 2698		1
19 05 07.3	+20 22 02	6767			4.2J	207.5	38.2	c	GEAS97		i
19 05 21.9	+08 12 60	6768			14.J	221.3	33.4	c	Gug93,OLFHHS		i
19 05 22.9	+01 04 53	4170		14.5	11.0	228.7	30.0		Ste, MaeSoy90		1
19 05 30.9	+03 15 54	4172		14.5	12.6	226.5	31.1		Ste, MaeSoy90		1
19 05 42.3	−34 34 48	6769			11.0J	259.0	8.4	c	Gug93		i
19 06 02.2	+05 03 20	4173		14.2	11.2	224.7	32.1		Ste, MaeSoy90		1
19 06 11.0	−20 23 32	4169		13.0		248.0	17.7	N(e:)(Ste)	Ste	R	1
19 06 16.2	+05 40 24	4175		13.1	8.5	224.1	32.5		C 622, Ste65, MaeSoy90, CCCS 2700	*	1
19 06 20.8	−01 47 07	6770			13.0J	231.6	28.7	c	Gug93		i
19 06 29.3	−05 18 50	4174		10.7	12.1	235.0	26.8		Ste65, CCCS 2699, Ste		1
19 06 33.7	+09 50 18	4176			13.3	219.7	34.4		Ste		1
19 06 40.4	+19 04 13	4178			12.1	209.2	38.1		Ste		1
19 07 14.7	−02 48 39	4177	12.8	12.1	9.7	232.7	28.3	N(Ste65)	Ste65, CCCS 2701, Ste, MaeSoy90	R	1
19 07 37.5	+22 54 29	6771		15.5		204.6	39.5		SoyMae99		1
19 08 11.8	+17 37 41	4181	11.6	10.0		211.1	37.9	R2(San)	Cann26(R5), SV Sge,Ste,CCCS 2704	R	0
19 08 15.2	−55 33 46	4168	11.3	10.0		274.9	−5.3	R3(HD);C2,2(War)	177539, -55:8034, CCCS 2697	R	3
19 08 33.5	+07 06 30	4180		13.0	9.1	222.9	33.6		C 623, CCCS 2703		3
19 08 42.3	+11 16 15	4182			12.4	218.4	35.5		Ste		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
19 08 49.9	−17 15 48	4179		10.6		245.8	20.1	R4(Sh)	178316(R0), Ste, CCCS 2702	R	1
19 09 03.4	−63 06 44	4167				280.6	−10.3		BidMac		3
19 09 04.1	+03 15 47	4183		14.3	12.2	227.0	31.9		Ste, MaeSoy90		1
19 09 15.3	+05 49 06	6772			8.8J	224.4	33.2	c	Epc90-241,NETC		i
19 09 32.6	+11 58 55	4186			13.1	217.8	36.0		Ste		1
19 09 46.5	+11 50 53	4187			12.7	217.9	36.0		Ste		1
19 09 57.1	+09 26 52	6773				220.6	35.0	IRAS C; c	VKL82,OLFHHS,AFGL 2333		i
19 09 58.3	−15 31 24	4184		12.1		244.5	21.4		Ste85	R	1
19 10 12.3	−20 29 38	4185	12.5			248.7	18.4	R(May51)	May51, V1157 Sgr, CCCS 2705		2
19 10 21.4	+14 11 29	4190		9.7:	10.0	215.4	37.1		C 183, Ste, CCCS 2706		1
19 10 21.8	+03 45 07	4188		14.5	11.7	226.7	32.4		Ste, MaeSoy90		1
19 10 24.3	+11 08 35	4189			12.2	218.8	35.9		Ste		1
19 10 51.1	+03 15 50	4191			13.8	227.3	32.3		Ste		1
19 10 51.7	+13 33 09	4192			13.0	216.1	37.0		Ste		1
19 10 54.6	+14 38 18	4193			10.9	214.9	37.4		Ste		1
19 11 08.1	+27 44 07	6774		14.6		198.8	41.5		SoyMae99		1
19 11 28.5	+03 02 44	4195			13.8	227.6	32.3		Ste		1
19 11 35.3	−01 23 53	4194	10.8	12. :	9.3	232.0	30.0	R8(San)	179153(Nb), V1455 Aql, D 128(N),	R	0
19 11 47.6	+13 03 34	4197			12.6	216.8	37.0		Ste		1
19 11 49.6	+20 36 60	4198		9.6	7.7	207.9	39.8		+20:4072, C 285, CCCS 2709		3
19 11 49.6	+22 43 29	6775		14.6		205.2	40.4		SoyMae99		1
19 12 09.3	+16 44 19	4199			11.3	212.6	38.5		Ste		1
19 12 35.4	+17 18 55	4200			12.5	211.9	38.8		Ste		1
19 12 46.1	+14 43 07	4201			10.1	215.0	37.9		C 184, CCCS 2710		3
19 13 13.4	+12 00 12	4202			9.3J	218.2	36.8		Lit 140,Epc90-242		1
19 13 28.1	+08 43 38	4203			13.4	221.9	35.5		Ste		1
19 13 29.4	−30 56 38	4196	11.0	11.3		257.4	12.1	R3(San)	179355(R3), -31:16465, CCCS 2708	R	1
19 13 31.6	+13 43 32	4204			13.7	216.3	37.6		Ste		1
19 13 36.8	+18 13 21	4206			13.1	211.0	39.3		Ste		1
19 13 39.7	+27 18 22	4208		9.8		199.5	42.0	R3(San)	MSB 65(R0), SoyMae99, V553 Lyr	R	0

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
19 14 04.8	+03 32 22	4205			12.8	227.5	33.1		Ste		1
19 14 10.6	+25 17 56	6776		13.8		202.1	41.6		SoyMae99		1
19 14 19.0	+12 32 01	4207			13.8	217.7	37.3		Ste		1
19 14 24.7	+18 34 58	4209			8.7	210.6	39.7		C 185, CCCS 2712, Akyol, Ste		1
19 15 01.5	+54 17 33	4222		12.5		162.8	42.4		Ste85	R	1
19 15 04.0	+13 11 30	4210			11.8	217.1	37.8		Ste		1
19 15 13.7	+25 12 59	4212		11.5	10.3r	202.3	41.8	N(D); C5,5(De)	C 449, D 408,V376 Vul, SoyMae99	R	1
19 15 28.7	+17 25 08	4211		10. :	8.6	212.1	39.5		C 186, C 448, Ste, CCCS 2713	**	1
19 15 50.1	+27 49 03	4215		11.4	9.0	199.0	42.6		C 450, SoyMae99,CCCS 2716	R	1
19 16 12.8	+06 54 44	4213		13.4	9.6	224.2	35.2		C 624, Ste65, CCCS 2715	*	1
19 16 19.9	+10 15 12	4214			13.6	220.6	36.8		Ste		1
19 16 27.4	+18 42 20	4216			12.4	210.7	40.1		Ste		1
19 16 54.2	+21 54 30	4217	13.5	9.0	6.8	206.7	41.3	N(San);C4,4:(De)	MSB 66, CG Vul, CCCS 2717	R	2
19 17 04.9	+18 49 59	4218			13.1	210.6	40.3		Ste		1
19 17 09.5	+18 53 07	4219			11.7	210.5	40.4		Ste		1
19 17 12.8	+17 40 41	4220			12.8	212.0	40.0		Ste		1
19 17 19.2	+15 30 21	4221			13.3	214.7	39.2		Ste		1
19 17 39.1	+33 09 21	4232			10.5	191.8	43.9		W58 26, CCCS 2722		2
19 17 42.8	+26 16 07	6777		12.6		201.1	42.6		SoyMae99		1
19 17 49.0	+24 41 38	6778		14.9		203.2	42.3		SoyMae99		1
19 17 54.2	+17 18 28	4228			14.0	212.5	40.0		Ste		1
19 17 56.6	+42 05 31	4236				179.4	44.4		Kurt80	R	2
19 17 56.6	+15 47 19	4227			12.9	214.4	39.4		Ste, MX Sge(M)		1
19 17 58.9	+08 53 10	4224		11.8	8.9	222.3	36.5		C 625, Ste65, CCCS 2718	*	1
19 18 00.1	+02 24 59	4223			12.4	229.2	33.4	weak C	Ste		1
19 18 01.3	+18 24 42	4230			11.7	211.2	40.4		Ste		1
19 18 12.9	+22 16 22	4233			13.3	206.4	41.7		Ste		1
19 18 16.9	+12 20 38	4231			13.1	218.5	38.1		Ste		1
19 18 20.6	+01 47 03	4225	20. :			229.9	33.1	R0(Lund21)	Lund21, V605 Aql, CCCS 2719	R	2
19 18 27.4	+01 57 16	4226		11.8	10.1	229.8	33.2	C6-,2(De)	Ste65, CCCS 2720, Ste		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
19 18 43.9	+15 27 35	4234			12.4	214.9	39.5		Ste		1
19 19 09.6	−15 54 30	4229		7.2	4.8	246.4	22.9	N2(Sh);C6,4(Yam)	180953(Na), V1942 Sgr, CCCS 2721	R	0
19 19 14.3	+04 24 09	4235			13.4	227.4	34.6		Ste		1
19 19 17.6	+26 31 08	6779		13.9		200.9	43.0		SoyMae99		1
19 20 03.9	+37 52 28	4241		8.3	6.5	185.3	44.8	Ne(San)	+37:3418a,MSB 35,U Lyr,CCCS 2724	R	0
19 20 17.6	−08 02 15	6780			6.6J	239.7	28.0		CK77, V1420 Aql, JBGHJKL	R	i
19 20 23.6	+09 39 24	4237			9.9	221.8	37.4		Akyol, Ste		1
19 20 29.9	+12 54 44	4238			13.4	218.1	38.8		Ste		1
19 20 32.5	+14 31 03	4239			13.8	216.2	39.5		Ste		1
19 21 18.2	+07 39 21	4240		12.2	9.5	224.2	36.7		C 626, Ste65, CCCS 2723, Ste	*	1
19 21 35.5	+76 33 35	4302	8.5	6.1	3.9	135.9	34.7	N0(Sh);C7,3(Yam)	183556(Nb), UX Dra, CCCS 2738	R	0
19 21 39.8	+17 24 46	4244			13.9	212.8	40.8		Ste, IRAS		1
19 21 44.7	+18 59 25	4245			12.0	210.9	41.4		Ste, IRAS		1
19 21 49.0	+02 40 10	4243			12.4	229.6	34.3	weak C	Ste		1
19 21 52.8	+31 20 05	4248		11.7		194.5	44.5	R(D); C5,4(De)	D 209, SoyMae99, CCCS 2727	R	1
19 22 07.0	−06 50 19	4242		12.5		238.9	29.1	R-N(Ste)	Ste65, Ste, CCCS 2725		1
19 22 11.8	+22 34 39	6781		13.8		206.4	42.6		SoyMae99		1
19 22 13.1	+09 16 50	4246			13.8	222.5	37.6		Ste		1
19 22 24.0	+20 03 45	4249			10.4	209.6	41.9		OW Vul, Ste, IRAS	R	1
19 22 24.4	+23 21 10	6782		14.7		205.4	42.9		SoyMae99		1
19 22 57.3	+06 42 44	4250			13.1	225.4	36.6		Ste		1
19 23 01.8	+17 50 18	4252			14.1	212.5	41.3		Ste		1
19 23 02.6	+17 26 53	4251			13.1	213.0	41.2		Ste, IRAS		1
19 23 09.7	+22 10 27	6783		15.4		207.0	42.7		SoyMae99		1
19 23 10.1	−10 42 12	4247		7.0		242.6	26.9	R0(Sh)	182040(R0), -10:5057, CCCS 2726	R	0
19 23 13.5	+46 13 46	4260		13.5	9.3	173.5	45.1	N(Ste)	C 739, Ste, CCCS 2729		1
19 23 14.1	+24 27 41	4253	14.4	11.3	9,5	204.0	43.4		C 452,AS 356(Ce or Se),V335 Vul	R	1
19 23 40.7	+25 40 38	4255			12.9	202.4	43.8		Ste		1
19 23 42.2	+22 27 27	4254		13.6	10.7	206.6	42.9		Ste, SoyMae99		1
19 24 06.9	+20 26 24	4257			11.4	209.3	42.4		Ste, IRAS		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
19 24 12.2	+12 52 17	4256			12.8	218.6	39.6		Ste		1
19 24 18.4	+85 21 54	4485		9.6		127.1	29.9	R2(Sh)	187216(R3), +85:332, CCCS 2796	**R	0
19 24 26.3	+16 50 48	4258			12.9	213.9	41.3		Ste		1
19 24 33.0	+18 33 36	4259			13.6	211.7	41.9		Ste		1
19 24 36.3	+30 39 08	4263		10.7	9.1	195.6	45.0	R5(Van)	C 286,NSV11995,SoyMae99,CCCS 2730	R	0
19 24 53.4	+20 27 56	4262			10.0J	209.3	42.6		VB 8013-1, Aar90		1
19 25 00.0	+17 06 54	6784				213.6	41.5	c:(OLFHHS)	OLFHHS		i
19 25 03.5	+20 49 32	4264			11.0J	208.9	42.8		VB 8013-2, Aar90		1
19 25 05.2	+14 00 34	4261			13.2	217.4	40.3		Ste		1
19 25 29.0	+22 27 27	4268		12.6	10.0	206.8	43.3		Ste, SoyMae99		1
19 25 32.1	+21 32 42	4269			10.9	208.0	43.1		Ste, Aar90		1
19 25 42.9	+12 16 29	4266			11.7	219.5	39.7		Ste		1
19 25 44.8	+11 31 35	4267			12.8	220.4	39.4		Ste		1
19 25 49.8	+21 32 49	4271				208.0	43.1		VB 8013-3		1
19 25 52.9	+04 26 03	4265	13.4			228.4	36.1	R8(Ste65)	Ste65, CCCS 2731		1
19 26 12.7	+18 47 14	4272			12.8	211.6	42.3		VB 8013-4, Ste, Aar90		1
19 26 14.0	+12 05 06	6785				219.8	39.8	IRAS C	VKL92		i
19 26 22.8	+19 56 43	4273				210.2	42.8		VB 8013-7		1
19 26 30.6	+23 16 45	4274			12.9	205.8	43.8		VB 8013-16, Ste, Aar90		1
19 26 31.5	−01 02 50	4270	13.1			234.1	33.3	R(Ste65)	Ste65, CCCS 2732		1
19 26 48.5	+22 07 05	4276				207.4	43.5		VB 8013-12,Aar90		1
19 26 56.9	+23 36 49	4277		10.5	7.7	205.4	44.0	N(D); C5,4(De)	D 210,C 453,VB 8013-18,CCCS 2733	R	1
19 27 01.8	+23 35 59	6786		10.3		205.4	44.0		SoyMae99		1
19 27 02.5	+22 01 47	4278			13.4	207.5	43.6		VB 8013-11, Ste, Aar90		1
19 27 14.6	+07 04 14	4275		15.2	11.4	225.7	37.7		AFGL 2392,V1421 Aql,CohKuh,Ste	R	1
19 27 18.0	+22 21 39	4281		15.7	11.4	207.1	43.7		Ste, SoyMae99		1
19 27 24.4	+19 06 45	4280			10.1J	211.3	42.7		VB 8013-5, Aar90		1
19 27 26.8	+19 53 45	4282				210.3	43.0		VB 8013-8		1
19 27 27.8	+21 27 60	4285			12.9	208.3	43.5		VB 8013-10, Ste, Aar90		1
19 27 32.2	+19 28 49	4284				210.9	42.9		VB 8013-6		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
19 27 33.3	+17 13 25	4283			10.7	213.8	42.1		C 187, CCCS 2734, Ste		1
19 27 34.9	+09 44 14	4279			12.1	222.8	39.0		Ste		1
19 27 39.3	+23 47 29	6787			6.5J	205.2	44.2	c	GEAS97		i
19 27 52.1	+23 32 15	4286			9.3J	205.6	44.2		VB 8013-17, Aar90		1
19 27 58.9	+21 52 52	4288				207.8	43.7		VB 8013-13		1
19 28 00.7	+20 21 54	4287			14.1	209.8	43.3		Ste, IRAS		1
19 28 18.7	+18 57 53	4289			11.7	211.6	42.9		VB 8013-36, Ste, Aar90		1
19 28 19.8	+21 34 51	4290			14.1	208.2	43.7		Ste		1
19 28 20.1	+25 05 58	6788		15.7		203.5	44.7		SoyMae99		1
19 28 23.8	+23 33 55	4292			10.1J	205.6	44.3		VB 8013-19, Aar90		1
19 28 33.7	+22 00 30	4293			13.4	207.7	43.9		VB 8013-15, Ste, Aar90		1
19 28 41.7	+27 50 05	4298		14.9	12.4	199.8	45.4		Ste, SoyMae99		1
19 28 47.6	+46 02 38	4307	11.0	8.1	6.2	173.6	46.0	N(San);C4,5(Yam)	+45:2906,MSB 36,AW Cyg,CCCS 2739	R	0
19 28 48.0	+24 31 46	4297			12.2	204.3	44.6		Ste		1
19 28 52.4	+11 31 17	4291		11.9:		220.9	40.1		Ste85		1
19 28 53.0	+21 54 40	4295			12.9	207.8	43.9		VB 8013-14, Ste, Aar90		1
19 28 59.5	+19 33 39	4296	11.9			210.9	43.2		Barb70, CCCS 2736		3
19 29 04.3	+20 57 59	4299			9.6J	209.1	43.7		VB 8013-9, Aar90		1
19 29 08.0	+23 23 25	4300			9.9J	205.9	44.4		VB 8013-20, Aar90		1
19 29 11.9	+22 45 02	6789				206.8	44.2		Aar90		2
19 29 24.9	+23 24 10	4303			10.7J	205.9	44.5		VB 8013-21, Aar90		1
19 29 48.0	+23 05 20	4304			9.8J	206.4	44.5		VB 8013-22, Aar90		1
19 29 50.6	+22 45 31	4305			10.3J	206.8	44.4		VB 8013-24, Aar90		1
19 30 04.9	+22 06 12	4306			11.0J	207.7	44.3		VB 8013-25, Aar90		1
19 30 10.1	+21 41 24	4308			9.7J	208.3	44.2		VB 8013-26, Aar90		1
19 30 14.3	−00 50 11	4301	11.9	10.0	7.0	234.5	34.2	Ne(San)	D 130(N), V374 Aql, CCCS 2737	R	2
19 30 16.4	+20 51 55	4310			9.5J	209.4	43.9		VB 8013-28, Aar90		1
19 30 18.1	+19 01 17	4309			8.6J	211.8	43.3		VB 8013-35, Aar90		1
19 30 19.0	+17 10 47	6790			10.6J	214.1	42.7	c	Epc90-244		i
19 30 19.1	+21 52 08	6791		7.6		208.0	44.2	C0,0(Yam)	Ros51		3

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
19 30 19.3	+20 44 01	4311			10.9J	209.5	43.9		VB 8013-29, Aar90		1
19 30 32.9	+21 00 37	4313			9.8J	209.2	44.0		VB 8013-27, Aar90		1
19 30 38.9	−29 30 39	4294	12.3			258.9	15.7	R(Sto)	Sto II-7, CCCS 2735		1
19 30 41.8	+20 49 53	4314			10.8	209.5	44.0		Ste		1
19 30 42.1	+22 51 42	6792		17.4		206.7	44.6	C:(SoyMae99)	SoyMae99		1
19 30 43.0	+26 18 28	6793		15.0		202.0	45.5		SoyMae99		1
19 30 47.0	+19 56 54	4315			10.4	210.6	43.7		VB 8013-30, Ste, Aar90		1
19 30 49.1	+18 15 10	6794			11.8J	212.8	43.2	c	Gug93		i
19 30 49.5	+13 46 50	4312			10.1	218.4	41.5		Ste		1
19 31 04.0	+24 58 28	6795		15.5		203.9	45.2		SoyMae99		1
19 31 06.5	+13 25 37	4316		11.6	10.4	218.9	41.4		Ste85, Ste		1
19 31 08.3	+19 38 12	4319			9.8H	211.1	43.7		Lit 141,Epc90-245		1
19 31 09.2	+17 27 54	4318			11.4	213.9	43.0		Kurtun, Nik2 7, Ste		1
19 31 10.8	+12 23 36	4317			13.1	220.2	41.0		Ste		1
19 31 21.7	+26 43 27	4321		13.9	11.8	201.5	45.7		Ste, SoyMae99		1
19 31 29.5	+30 33 28	4326		12.2	11.1	196.1	46.4		Ste, SoyMae99		1
19 31 34.3	+24 35 52	6796		14.0		204.5	45.3		SoyMae99		1
19 31 37.0	+49 34 49	4340		10.7		168.5	45.9	N(D)	D 312, CCCS 2746		3
19 31 43.4	+21 48 22	4323			7.2J	208.3	44.5		VB 8013-44, Aar90	R	1
19 31 45.6	+22 33 43	4324		17.1	11.1	207.2	44.8		Ste, SoyMae99		1
19 31 51.3	+51 25 52	4343		11.5		165.9	45.6	N(D)	D 313, CCCS 2748		3
19 31 56.4	+25 22 44	6797		16.3		203.4	45.5		SoyMae99		1
19 31 57.4	+19 39 45	4325			9.3J	211.1	43.9		VB 8013-33, Aar90		1
19 32 00.6	+28 18 27	4330		14.0	11.5	199.3	46.2		Ste, SoyMae99		1
19 32 01.6	+25 19 21	6798		15.0		203.5	45.5		SoyMae99		1
19 32 02.8	+20 03 44	4327			13.4	210.6	44.1		VB 8013-31, Ste, Aar90		1
19 32 06.7	+30 34 36	4331			10.9	196.1	46.6		W58 23(Ce), CCCS 2742		2
19 32 11.9	+23 25 31	4329		15.6	12.6	206.1	45.1		Ste, SoyMae99		1
19 32 20.5	+27 46 20	6799		15.2		200.1	46.1		SoyMae99		1
19 32 20.7	+19 34 03	4328			11.6	211.3	44.0		VB 8013-34, Ste, Aar90		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
19 32 21.4	−00 11 30	4320	12.7			234.2	35.0	R(Ste65)	Ste65, ES Aql, CCCS 2740		1
19 32 29.6	+01 01 60	4322	12.5			233.0	35.7	R0(Ste65)	Ste65, CCCS 2741		1
19 32 31.3	+25 36 10	6800				203.1	45.7		VKL92,OLFHHS		1
19 32 32.6	+52 32 07	4346		11.0		164.3	45.4	R(D)	D 314, Ste, CCCS 2751		1
19 32 38.5	+18 40 25	4332			8.3	212.5	43.7		C 188, CSV 4712, CCCS 2743, Ste		1
19 32 40.9	+28 06 00	6801		14.0		199.6	46.3		SoyMae99		1
19 32 42.3	+28 38 19	4336		11.5	9.7	198.9	46.4	R(NassSte61)	C 454,NSV12132,SoyMae99,CCCS 2745	R	1
19 32 50.6	+22 55 53	4334		16.1	11.4	206.8	45.1		VB 8013-46, Ste, Aar90, SoyMae99		1
19 32 51.9	+25 22 57	6802		14.2		203.5	45.7	C:(SoyMae99)	SoyMae99		1
19 32 56.1	+21 45 15	4335			13.0	208.4	44.8		VB 8013-43, Aar90, Ste		1
19 32 56.8	+23 31 47	4337		15.2	12.6	206.0	45.3		VB 8013-49,Ste,Aar90, Soymae99		1
19 32 56.9	+29 09 03	6803		13.7		198.2	46.5	C:(SoyMae99)	SoyMae99		1
19 33 00.6	+24 42 14	6804		13.1		204.4	45.6		SoyMae99		1
19 33 05.4	+22 57 49	4338			8.3J	206.8	45.2		VB 8013-47, Aar90		1
19 33 07.7	+22 29 46	4339			9.9J	207.5	45.0		VB 8013-45, Aar90		1
19 33 10.4	+23 05 23	4341				206.7	45.2		VB 8013-48,Aar90		1
19 33 17.7	+23 39 19	6805	11.0	9.8		205.9	45.4		SoyMae99, EP Vul		1
19 33 28.4	+16 30 25	4342		10.1	9.4	215.4	43.1	R(NassSte61)	C 627, NassSte61, CCCS 2747	*	1
19 33 34.4	+28 54 19	6806		13.5		198.5	46.6		SoyMae99		1
19 33 35.0	+29 09 36	4345			11.9	198.2	46.7		W58 16, CCCS 2750		2
19 33 47.5	+27 38 27	6807		12.9		200.4	46.4		SoyMae99		1
19 34 10.0	+28 04 09	4347		11.1	7.8	199.8	46.6		W58 5,Vogt,V1965 Cyg,AFGL 2417	R	1
19 34 18.0	+20 57 04	6808				209.7	44.8		Aar90		2
19 34 19.0	−16 22 27	4333	8.5	7.7	4.7	249.3	25.4	N3(Sh);C7,4(Yam)	184283(Nb), AQ Sgr, CCCS 2744	R	0
19 34 27.6	+25 06 33	6809		15.5		204.0	46.0		SoyMae99		1
19 34 32.2	+23 31 36	4351			13.7	206.2	45.6		VB 8013-50, Ste, Aar90		1
19 34 36.5	+21 00 34	4349				209.6	44.9		VB 8013-41		1
19 34 37.4	+23 01 37	4352				206.9	45.5		VB 8013-51		1
19 34 39.1	+22 19 33	4353			8.9J	207.8	45.3		VB 8013-53, Aar90		1
19 34 44.2	−02 11 33	4344	12.9			236.6	34.3	R(Ste65)	Ste65, CCCS 2749		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
19 34 44.7	+25 58 10	4356			13.4	202.8	46.3		Ste		1
19 34 48.9	+19 57 02	4354				211.1	44.6		VB 8013-39,Aar90		1
19 34 55.1	+21 23 45	4355			9.3J	209.1	45.1		VB 8013-42, Aar90		1
19 35 16.9	+20 10 22	4359			13.1	210.8	44.8		VB 8013-40, Ste, Aar90		1
19 35 38.1	−05 56 33	4350	12.7			240.4	32.3	R(Ste65)	Ste65, CCCS 2752		1
19 35 43.6	+26 33 38	4362	14.0	10.6	8.1	202.0	46.6	C6-,4(De)	C189,Ste,SoyMae99,AR Vul,CCCS2756		1
19 35 47.6	+19 13 30	4360			9.6J	212.1	44.6		VB 8013-38, Aar90		1
19 35 50.7	+34 16 10	4368			13.4	190.8	47.8		Ste, V1988 Cyg		1
19 35 52.4	+20 14 17	4361				210.8	45.0		Krum75		3
19 35 55.0	+30 30 01	4366		14.0	13.8	196.3	47.4		Ste, SoyMae99		1
19 36 04.0	+23 17 38	4363		15.8	12.8	206.6	45.9		Ste, SoyMae99		1
19 36 05.4	+23 08 20	4364		16.5	13.4	206.9	45.9		Ste, SoyMae99(C:)		1
19 36 07.3	+23 34 13	4365			14.1	206.3	46.0		Ste		1
19 36 07.7	+19 32 24	6810			9.8J	211.7	44.8	c	Gug93		i
19 36 08.6	+27 57 38	4367			12.4	200.0	47.0		W58 7, CCCS 2757		2
19 36 19.3	−10 50 15	4358		12.5		245.0	29.4	N(Ste)	Ste65, Ste, CCCS 2755		1
19 36 32.5	+25 39 10	4370			14.1	203.4	46.6		Ste		1
19 36 49.8	+29 03 26	6811		13.8		198.5	47.3		SoyMae99		1
19 36 59.5	+12 16 38	4369			13.1J	221.1	42.2		Lit 142,Epc90-246		1
19 37 05.4	+25 05 08	4372		13.6	10.5	204.2	46.6		Ste, SoyMae99		1
19 37 09.8	−33 22 17	4357	11.5	9.0		262.8	13.9	R(Sto)	Sto II-24, Hen 282, CCCS 2753	R	1
19 37 10.6	+18 20 09	4371			12.1	213.5	44.6		Ste, IRAS		1
19 37 18.0	+26 44 23	4377			12.2	201.9	47.0		W58 1, CCCS 2759		2
19 37 30.7	+20 49 34	4375			12.1	210.2	45.5		Ste, IRAS		1
19 37 33.9	+17 33 18	4374			13.8	214.5	44.4		Ste		1
19 37 36.0	+19 00 21	4376			14.1	212.6	45.0		VB 8013-37, Ste, Aar90		1
19 37 37.9	+28 16 32	4379			10.4	199.7	47.4		C 190, CCCS 2760		3
19 37 48.8	+31 50 25	4380	13.7	11.8	10.2	194.4	47.9		W58 32, EK Cyg, CCCS 2762, Ste	R	1
19 37 52.1	+06 45 25	4373	12.2			227.7	39.8	N6(Smith37)	Smith37, V 391 Aql, CCCS 2758	R	2
19 37 52.7	+06 43 44	6812			5.4J	227.7	39.8	c	Gug93		i

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
19 38 04.0	+27 50 48	6813		15.9		200.3	47.4		Soymae99		1
19 38 05.7	+27 07 48	6814		16.1		201.4	47.3	C:(SoyMae99)	SoyMae99		1
19 38 06.8	+27 52 12	4383		15.4	12.4	200.3	47.4		Ste, SoyMae99		1
19 38 09.9	+26 36 50	4382		15.8	12.0	202.1	47.2		Ste, SoyMae99		1
19 38 12.2	+25 50 18	4384		16.7	13.9	203.2	47.0		Ste, SoyMae99		1
19 38 12.5	+23 45 13	4381			10.0J	206.2	46.5		VB 8013-59, Aar90		1
19 38 12.7	+09 24 07	4378			13.5J	224.7	41.2		Lit143,Epc90-247,Fou92,TMSS-10502		1
19 38 18.0	+29 24 30	6815		13.3		198.1	47.7	C:(SoyMae99)	SoyMae99		1
19 38 36.1	+37 32 54	4392		11.7		185.9	48.4	N(BC,Ste)	BC 160, Ste		1
19 38 39.1	+27 52 58	4388			12.0	200.3	47.5		W58 10, CCCS 2763		2
19 38 41.0	+29 45 17	4390		13.4	12.6	197.6	47.9		Ste, SoyMae99		1
19 38 49.9	+28 25 12	4391		14.8	11.5	199.5	47.7		Ste, SoyMae99		1
19 38 53.8	+19 32 04	4386			9.3J	212.1	45.4		VB 8013-54, Aar90		1
19 38 54.8	+07 57 41	4385		12.5		226.5	40.6		Ste65, NSV 12251, CCCS 2761		1
19 38 55.2	+23 38 11	4389				206.4	46.6		VB 8013-60		1
19 39 06.5	+27 37 06	4393		12.1	9.7	200.7	47.6		C 191, W58 9, CCCS 2765, Ste	R	1
19 39 08.4	+28 11 26	4394			11.5	199.9	47.7		W58 13, CCCS 2764		2
19 39 15.8	+10 47 33	4387			12.4	223.2	42.1		Ste		1
19 39 19.8	+28 24 58	4396			12.2	199.6	47.8		W58 15, CCCS 2766		2
19 39 32.2	+28 16 29	4398			11.9	199.8	47.8		W58 17, CCCS 2768		2
19 39 38.3	+20 55 10	4395			10.2J	210.2	46.0		VB 8013-55, Aar90		1
19 39 38.4	+27 56 21	6816		14.4		200.3	47.8	C:(SoyMae99)	SoyMae99		1
19 39 43.6	+24 32 00	4399		13.7	10.7	205.2	47.0		Ste, SoyMae99		1
19 39 59.0	+18 44 36	4400			13.1	213.2	45.4		Ste		1
19 39 59.0	+33 21 13	4407		15.4	14.1	192.3	48.5		AFGL 2428, CohKuh, Ste		1
19 40 01.4	+33 22 27	4409			11.4	192.2	48.6		Ste	R	1
19 40 07.2	+21 06 60	4401			11.4	210.0	46.2		VB 8013-56, Ste, Aar90		1
19 40 07.8	+23 58 22	4402			14.1	206.0	47.0		Ste		1
19 40 11.5	+24 46 12	4404		14.0	10.4	204.9	47.2		Ste, SoyMae99		1
19 40 12.3	+22 37 22	4403		17.0	12.7	207.9	46.6		VB 8013-58, Ste, Aar90, SoyMae99		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
19 40 12.3	+09 01 32	4397		11.8		225.5	41.4	R0(San)	Cann26(R5), D 135(R), CCCS 2767	R	2
19 40 14.6	+27 28 60	4406			12.9	201.0	47.8		Ste		1
19 40 15.1	+31 46 19	4410	13.2	11.0	8.1	194.6	48.4	N(San)	MSB 68, HV Cyg, CCCS 2769, Ste	R	1
19 40 20.1	+23 32 58	4405		17.0	10.9	206.7	46.9		Ste, V351 Vul, SoyMae99		1
19 40 29.0	+27 29 05	4411		15.6	12.6	201.0	47.9		W58 8, SoyMae99, CCCS 2770	R	1
19 40 31.3	+22 05 30	4408				208.7	46.6		Kurtun, Nik2 8		2
19 40 34.7	+29 46 28	6817		15.6		197.6	48.3	C:(SoyMae99)	SoyMae99		1
19 40 44.4	+29 39 08	4412			12.6	197.8	48.3		Ste		1
19 40 56.3	+29 05 48	4414		12.3	11.5	198.7	48.2		Ste, SoyMae99		1
19 40 57.0	+32 37 06	4415	10.8	7.0	5.5	193.4	48.7	N(San)	186047(Nb), TT Cyg, CCCS 2773	R	0
19 40 58.3	+27 19 30	4413			12.3	201.3	47.9		W58 6, CCCS 2771, Ste		1
19 41 16.5	+30 21 59	4417		14.2	14.0	196.8	48.5		Ste, SoyMae99		1
19 41 23.5	+29 43 19	6818		13.7		197.7	48.4		SoyMae99		1
19 41 25.6	+22 08 00	4416			9.5J	208.7	46.8		VB 8013-57, Aar90		1
19 41 31.6	+24 52 48	6819		14.3		204.9	47.5		SoyMae99		1
19 41 39.6	+27 50 58	4422			13.4	200.5	48.2		W58 12, CCCS 2774		2
19 41 41.4	+24 01 13	4418				206.1	47.3		VB 8013-62		1
19 41 41.5	+26 34 59	4421		15.5	12.0	202.4	47.9		W58 2, CCCS 2772, Ste		1
19 41 42.1	+23 31 29	6820			10.3J	206.8	47.2		Aar90		1
19 41 43.0	+24 15 18	4419		15.0	11.2	205.8	47.4		Ste, SoyMae99		1
19 41 46.0	+27 51 51	6821		16.0		200.5	48.2		SoyMae99(C:)		1
19 41 46.3	+23 43 36	4420			13.8	206.5	47.3		VB 8013-61, Ste, Aar90		1
19 41 54.8	+26 39 30	4424			10.4	202.3	48.0		W58 3, CCCS 2775		2
19 41 58.2	+20 40 27	4423			12.7	210.8	46.5		Ste		1
19 42 01.9	+29 48 36	6822		13.7		197.6	48.6		SoyMae99		1
19 42 10.5	+26 13 32	4426			13.8	203.0	48.0		Ste		1
19 42 17.3	+20 24 41	4425			9.7J	211.2	46.5		VB 8013-68, Aar90		1
19 42 20.2	+29 35 30	6823		14.2		198.0	48.6		SoyMae99		1
19 42 27.7	+32 07 11	4429			10.2	194.2	49.0		W58 42, CCCS 2777		2
19 42 29.6	+28 27 27	4428		12.7	10.8	199.7	48.5		W58 18, Ste, SoyMae99, CCCS 2776		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
19 42 33.3	+19 04 37	4427			13.4	213.1	46.1		Ste		1
19 42 37.8	+29 59 33	6824		14.3		197.4	48.7		SoyMae99		1
19 42 39.5	+27 40 05	6825		14.9		200.9	48.4		SoyMae99		1
19 42 40.2	+31 10 59	6826		14.7		195.6	48.9	C:(SoyMae99)	SoyMae99		1
19 42 53.0	+34 41 21	4436			12.4	190.3	49.2		Ste		1
19 42 55.0	+29 04 24	4431		15.6	11.0	198.8	48.7		C 192, SoyMae99, CCCS 2779	R	1
19 42 58.7	+30 20 15	4434		11.8	10.6	196.9	48.9		C 193, Ste, SoyMae99, CCCS 2781		1
19 43 07.0	+30 24 46	4438		14.0	14.1	196.8	48.9		Ste, SoyMae99		1
19 43 08.1	+22 38 58	4432		15.5	6.4J	208.2	47.3		VB 8013-63, Aar90, SoyMae99		1
19 43 09.2	+27 14 14	4435			12.6	201.5	48.4		Ste, SoyMae99(C:)		1
19 43 10.5	+22 08 15	4433				208.9	47.2		Kurtun, Nik2 9		2
19 43 12.1	+16 46 45	4430	13.5	10.6	8.9	216.2	45.4	N(NassSte61)	C 628, NassSte61, CCCS 2778	*R	1
19 43 13.4	+31 49 04	6827		13.8		194.7	49.1		SoyMae99		1
19 43 14.1	+18 08 34	6828			10.5J	214.4	45.9	c	Gug93		i
19 43 21.0	+31 50 42	4441		13.9	13.8	194.6	49.1		Ste, SoyMae99		1
19 43 26.7	+26 54 26	4440		15.7	12.1	202.0	48.4		Ste, SoyMae99		1
19 43 34.7	+19 18 06	4437		10.4	8.9	212.9	46.4	R(NassSte61)	C 629, NassSte61, CCCS 2780, Ste	*R	1
19 43 34.8	+34 29 15	4443			8.7	190.6	49.4		C 456, V1990Cyg, CCCS 2783	R	2
19 43 43.7	+19 34 10	4439	13.5		8.9	212.5	46.5		C 630, CO Vul, CCCS 2782, Ste	R	1
19 43 51.7	+32 29 30	4445		13.6	10.7	193.7	49.3		Ste, V1991 Cyg, Lit 144, SoyMae99		1
19 43 54.7	+22 21 60	6829		16.3		208.7	47.4		SoyMae99		1
19 43 58.8	+31 49 47	4448			12.0	194.7	49.2		W58 39, CCCS 2784		2
19 43 59.0	+22 43 49	4442		17.2	13.1	208.1	47.5		VB 8013-64, Ste, Aar90, SoyMae99		1
19 44 02.3	+28 50 37	4446		14.2	13.8	199.2	48.9		Ste, SoyMae99		1
19 44 07.7	+28 17 20	4447		15.6	13.8	200.0	48.8		Ste, SoyMae99		1
19 44 20.1	+20 47 13	4444			9.8J	210.9	47.0		VB 8013-67, Aar90		1
19 44 21.7	+30 16 18	6830		14.5		197.1	49.1	C:(SoyMae99)	SoyMae99		1
19 44 29.9	+24 27 20	4451		15.7	13.4	205.7	48.1		Ste, SoyMae99		1
19 44 37.7	+22 49 44	4452				208.1	47.7		VB 8013-65		1
19 44 39.3	+18 56 06	4450			12.4	213.5	46.5		Ste		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
19 44 40.4	+31 02 42	6831		15.6		195.9	49.3		SoyMae99		1
19 44 40.5	+18 06 44	4449			13.1	214.6	46.2		Ste		1
19 44 43.7	+30 51 08	4456			11.1	196.2	49.3		Ste		1
19 44 45.7	+33 28 01	4459			11.4	192.2	49.5		Ste		1
19 44 49.0	+22 08 17	4453			6.2J	209.1	47.5		Kurtun,VB 8013-66,Nik2 10,Aar90		1
19 44 51.2	+38 09 31	4461			9.3	185.0	49.7		C 457, CCCS 2787		3
19 44 54.7	+29 20 28	4457			13.4	198.5	49.1		Ste		1
19 45 04.9	+40 43 09	4464				181.0	49.6		BC 162		1
19 45 12.7	+22 49 46	4458		14.7	11.4	208.1	47.8		Kurtun, Nik2 11, Ste, SoyMae99		1
19 45 13.5	+38 59 13	4465				183.7	49.7	R-N(BC)	BC 161		1
19 45 26.5	+28 27 04	4462			12.8	199.9	49.1		W58 21, CCCS 2788		2
19 45 31.9	+30 15 14	6832		14.8		197.1	49.4	C:(SoyMae99)	SoyMae99		1
19 45 33.1	+33 31 09	4466			13.8	192.1	49.7		Ste		1
19 45 35.3	+29 31 36	4463			12.6	198.2	49.3		Ste		1
19 45 42.3	+04 43 39	4455	12.4			231.3	40.5	R(Ste65)	Ste65, CCCS 2786		1
19 45 50.9	+22 25 40	6833		14.9		208.8	47.8		SoyMae99		1
19 46 26.0	+29 15 36	6834		12.0		198.7	49.4	C:(SoyMae99)	SoyMae99		1
19 46 26.1	−18 09 06	4454	11.7	8.8		253.0	26.3	N(San)	186665(Na), UW Sgr, CCCS 2785	R	0
19 46 42.4	−16 34 09	4460		12.1		251.7	27.4		Ste85		1
19 46 47.9	+25 53 53	4468		16.8	12.8	203.8	48.9		Ste, SoyMae99		1
19 46 49.5	+32 25 22	4471	14.4	11.8	9.3	193.9	49.9		C458,Ste,SoyMae99,IQ Cyg,CCCS 2794	R	1
19 46 52.8	+29 20 02	4469		15.8	12.4	198.6	49.6		Ste, SoyMae99		1
19 46 59.8	+31 39 41	4473			12.0	195.0	49.9		W58 40, CCCS 2792		2
19 47 00.1	+19 57 45	4467	12.9			212.4	47.4		Schai59, CR Vul, CCCS 2789		2
19 47 04.2	+32 48 17	4477			11.7	193.3	50.0		Ste		1
19 47 13.1	+29 04 05	4476		16.5	12.9	199.0	49.6		Ste, SoyMae99, IRAS		1
19 47 15.2	+26 42 16	4474	16.0	11.6		202.6	49.2	N(Ste)	Ste, SoyMae99(C:), CCCS 2793		1
19 47 17.3	+33 30 03	4481			14.1	192.2	50.1		Ste		1
19 47 17.7	+28 12 56	4479		14.5	13.4	200.3	49.5		Ste, SoyMae99		1
19 47 17.7	+30 21 54	4480		13.8	11.9	197.0	49.8		W58 31, Ste, SoyMae99, CCCS 2795		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
19 47 24.2	+29 28 12	6835				198.4	49.7	c	OLFHHS		i
19 47 26.3	+32 28 13	6836		14.2		193.8	50.0		SoyMae99		1
19 47 26.9	+28 47 44	6837		15.4		199.5	49.6	C:(SoyMae99)	SoyMae99		1
19 47 28.2	+24 05 22	4478			13.8	206.5	48.6		Ste		1
19 47 40.5	+33 56 15	4486			10.8	191.5	50.2		BC 163, Ste		1
19 47 40.7	+25 58 39	4482			13.8	203.7	49.1		Ste		1
19 47 48.0	+24 59 47	4484			14.1	205.2	48.9		Ste		1
19 47 49.8	+23 54 28	4483				206.8	48.7	IRAS C	Lit 146		1
19 47 55.2	+07 34 43	4472	13.2			228.4	42.4	R(Nass64)	Nass64, V447 Aql, CCCS 2791		1
19 47 56.2	+09 28 10	4475			11.2J	226.2	43.3	IRAS C	Lit 145, Fou92, RAFGL 4253		1
19 47 56.7	+28 42 40	4487		15.7	13.8	199.6	49.7		Ste, SoyMae99(C:)		1
19 47 59.1	+32 36 47	4488		14.9	13.8	193.6	50.2		Ste, SoyMae99		1
19 48 20.0	+30 57 27	4492			12.4	196.2	50.1		W58 36, CCCS 2800		2
19 48 21.9	+29 22 47	4491		14.4	12.3	198.6	49.9		W58 24, Ste, SoyMae99, CCCS 2799		1
19 48 32.1	+36 52 60	6838				186.9	50.4		KurNik88		3
19 48 35.3	+21 37 34	4490	15.0		8.2	210.2	48.2		C 631,CU Vul,CCCS 2798,IRC +20435		2
19 48 36.3	+29 25 17	4496			11.8	198.6	49.9		W58 25, CCCS 2803		2
19 48 39.0	+26 08 47	4493	16.4		8.1	203.5	49.4	R:(Ste);C5,3(De)	C 194,Ste,W58 4,CCCS 2801		1
19 48 41.4	+25 38 22	4495		15.9	12.6	204.3	49.3		Ste, SoyMae99		1
19 48 44.5	+26 08 20	6839		11.4		203.6	49.4		SoyMae99		1
19 48 46.5	+15 07 56	4489		10.9		219.2	46.0	R(NassSte61)	NassSte61, CCCS 2797		1
19 49 01.4	+22 22 04	4499		13.6	12.1	209.2	48.5		Ste, SoyMae99		1
19 49 06.2	+29 30 27	4500			10.8	198.4	50.1		W58 27,V1995 Cyg,CCCS 2806	R	1
19 49 11.5	+33 32 14	4505			12.8	192.2	50.5		Ste		1
19 49 13.1	+29 31 38	6840		12.0		198.4	50.1	C:(SoyMae99)	SoyMae99, V1995 Cyg		1
19 49 18.4	+31 00 51	4504			13.8	196.1	50.3		Ste		1
19 49 22.2	+29 45 18	4501		14.2	11.9	198.1	50.1		W58 29, SoyMae99, CCCS 2807	R	1
19 49 24.1	+35 30 16	4508			11.5	189.1	50.6	N(BC)	BC 164, Ste		1
19 49 32.9	−36 58 38	4470	13.9			267.2	13.0	R(Sto)	Sto II-30, CCCS 2790		1
19 49 34.9	+30 00 31	4506			11.2	197.7	50.2		W58 30, CCCS 2809		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
19 49 35.9	+29 36 49	4507			11.0	198.3	50.2		W58 28, CCCS 2810	R	1
19 49 37.9	+21 49 06	4503			9.7	210.0	48.5		C 632, CCCS 2808		3
19 49 38.0	+30 01 29	6841		13.1		197.7	50.2		SoyMae99		1
19 49 39.1	+03 46 31	4497	12.5	12.2		233.1	40.8	N(Ste65)	Ste65, CCCS 2804	R	1
19 49 40.4	+34 21 59	4510			12.6	190.9	50.6		Ste		1
19 49 42.7	+29 37 51	6842		14.6		198.3	50.2		SoyMae99		1
19 49 50.9	+31 03 10	6843		14.8		196.1	50.4		SoyMae99		1
19 49 55.0	+34 24 01	4512			11.7	190.8	50.7	N(BC)	BC 165, Ste		1
19 50 02.1	+31 00 22	4511		12.0	8.0	196.2	50.4	C5-,4(De)	C 195,W58 38,CCCS 2811		2
19 50 02.2	+21 44 09	4509				210.2	48.6		Kurtun, Nik2 12		2
19 50 02.5	+35 50 32	4514			12.9	188.6	50.7		Ste		1
19 50 04.8	+33 49 50	4513			11.9	191.7	50.7		Ste		1
19 50 05.0	+31 00 51	6844		11.5		196.1	50.5		SoyMae99		1
19 50 07.9	+25 11 55	6845				205.1	49.5	c	OLFHHS		i
19 50 22.9	−01 36 46	4502		11.4		238.9	37.8		MacCon79		2
19 50 28.8	+27 42 14	4515		13.8	10.6	201.3	50.1		W58 20, Ste, SoyMae99, CCCS 2812		1
19 50 30.1	+33 34 55	4519			12.5	192.1	50.7		Ste		1
19 50 35.1	+30 39 03	4518		13.5	11.5	196.7	50.5		W58 33, Ste, SoyMae99, CCCS 2814	R	1
19 50 38.8	−26 52 42	4494	14.5			260.4	20.7	R(Sto)	Sto II-3, CCCS 2802		1
19 50 40.7	+28 19 18	4517			14.1	200.4	50.2		Ste		1
19 50 44.3	+38 46 17	4526				183.9	50.8		NassCol 1, CCCS 2818		3
19 50 44.9	+29 29 12	4520		14.6	13.1	198.6	50.4		Ste, V1996 Cyg, SoyMae99		1
19 50 59.1	+19 47 08	4516		14.1	11.4	213.1	48.2		Ste, SoyMae99		1
19 51 04.2	+21 56 23	4521		11.5	9.1	210.0	48.9		C 633, Ste, SoyMae99, CCCS 2813		1
19 51 17.5	+32 08 15	4528		15.2	13.8	194.4	50.8		Ste, SoyMae99		1
19 51 19.4	+23 54 35	4525		16.4	12.9	207.1	49.4		Ste, SoyMae99		1
19 51 20.4	+36 14 33	4531			14.0	187.9	51.0		Ste		1
19 51 20.6	+30 41 18	6846		15.2		196.7	50.7	C:(SoyMae99)	SoyMae99		1
19 51 22.3	+15 00 09	4522	12.3			219.7	46.5	N(NassSte61)	NassSte61, OW Aql, CCCS 2815		1
19 51 28.0	+33 11 51	4530			13.8	192.8	50.9		Ste		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
19 51 30.2	+22 41 49	4527		15.8	13.4	208.9	49.2		Ste, SoyMae99		1
19 51 34.3	+32 29 23	6847		15.9		193.9	50.9		SoyMae99		1
19 51 37.0	+28 04 37	4529		14.1	10.7	200.8	50.4		W58 22, Ste, SoyMae99, CCCS 2819		1
19 51 42.0	+44 21 47	4538		12.4	10.1	175.1	50.3		C 741, V1921 Cyg, MaeSoy88	R	1
19 51 42.0	+53 41 35	4543	11.0			161.4	47.8	Nep(San49)	BS Cyg, CCCS 2823	R	2
19 51 45.7	+33 11 31	4534			12.9	192.8	51.0		Ste		1
19 51 46.4	+32 31 59	6848		15.5		193.8	50.9	C:(SoyMae99)	SoyMae99		1
19 51 50.1	+28 30 10	4533			13.8	200.1	50.5		Ste		1
19 51 50.3	+26 35 54	4532			12.0	203.1	50.2		W58 14(C:), CCCS 2820		2
19 51 56.8	+36 55 29	4536			12.6	186.8	51.1		NassCol 2, CCCS 2821, Ste		1
19 51 59.0	−47 20 47	4498		11.6		274.2	5.3	R0(HD);C1,2(War)	187419, -47:13120, CCCS 2805		3
19 52 11.9	+29 04 27	4535			14.1	199.3	50.7		Ste		1
19 52 21.9	+30 50 20	4537		14.2	11.1	196.5	50.9		Ste, V1998 Cyg, SoyMae99		1
19 52 46.8	+27 27 39	4540		12.5	10.1	201.8	50.5		Ste, SoyMae99		1
19 52 53.2	+20 51 10	4539			13.4	211.7	48.9		Ste		1
19 52 59.4	+26 53 36	4541		16.2	12.8	202.7	50.5		Ste, SoyMae99		1
19 53 07.3	−27 28 04	4523	11.6			261.2	20.6	R0(MayCann40)	-27:14351, MayCann40, CCCS 2816	R	2
19 53 12.1	+31 11 41	4544		14.4	12.7	196.0	51.1		Ste, SoyMae99		1
19 53 26.8	+21 10 59	4542				211.3	49.2		Kurtun, Nik2 13		2
19 53 30.4	+34 56 53	4548			14.1	190.0	51.4		Ste		1
19 53 30.8	+25 22 13	4545		16.1	12.6	205.1	50.3		Ste, SoyMae99		1
19 53 31.5	+27 06 54	4546		14.0	11.1	202.4	50.6		Ste, SoyMae99		1
19 53 42.1	+14 41 06	6849			14.J	220.4	46.9	c	Gug93		i
19 53 44.7	+31 44 15	4549			14.1	195.1	51.3		Ste		1
19 53 49.1	+26 34 17	4547			13.8	203.3	50.6		Ste		1
19 53 52.6	+31 20 33	4550		15.4	14.1	195.8	51.3		Ste, SoyMae99		1
19 54 02.3	+12 00 43	6850			12.7H	224.0	45.8	c	Gug93		i
19 54 12.0	+34 30 14	4554			12.3	190.7	51.5		Ste		1
19 54 14.1	+31 45 24	4553		14.8	12.9	195.1	51.4		Ste, SoyMae99		1
19 54 29.1	+24 22 21	4551				206.7	50.3	IRAS C	Lit 147		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
19 54 35.4	+21 38 33	4552				210.8	49.6	IRAS C	Lit 148		1
19 55 03.9	+22 47 18	4555		17.6	13.2	209.1	50.0		Ste, SoyMae99		1
19 55 28.8	+30 22 58	4557			12.9	197.3	51.5		W58 37, CCCS 2824		3
19 55 30.8	+41 08 13	4563			10.7	180.0	51.5		Ste		1
19 55 31.8	+28 13 12	4556			13.1	200.8	51.3		Ste		1
19 55 33.2	+30 11 31	4559		15.2	11.6	197.7	51.5		W58 35, Ste, SoyMae99, CCCS 2825		1
19 55 33.4	+30 00 57	4558			13.8	197.9	51.5		Ste		1
19 55 37.4	+32 30 02	4562	14.2	13.1	10.7	194.0	51.8		C196,Ste,SoyMae99,V467Cyg,CCCS2827		1
19 55 40.1	+28 24 54	4560	11.4			200.5	51.3	R0(VyssBalz58)	VyssBalz58, +28:3530, CCCS 2826		3
19 55 57.0	+22 20 60	4561		14.8	9.7	209.9	50.1		Ste, V359 Vul, Lit 149, SoyMae99		1
19 56 06.4	+36 06 33	4566			12.6	188.1	51.9		NassCol 3, Ste, CCCS 2828	R	1
19 56 13.5	+30 40 58	4564		16.2	13.6	196.9	51.7		Ste, SoyMae99		1
19 56 15.6	+37 52 06	4569	13.7		9.3	185.3	51.9		NassvanAl,PU Cyg,C 459,CCCS 2831		2
19 56 25.7	+28 59 03	4565			14.1	199.6	51.6		Ste		1
19 56 27.0	−65 22 07	4524	10.4	9.2		286.0	−8.4	R0(HD)	187861, -65:2628, CCCS 2817	R	0
19 56 27.6	+34 43 13	4572			13.0	190.4	52.0		Ste		1
19 56 37.6	+30 10 58	4568			13.8	197.7	51.8		Ste		1
19 56 38.1	+30 48 05	4571		12.9	10.6	196.7	51.8		C 197, Ste, SoyMae99, CCCS 2830		1
19 56 43.2	+34 41 32	4573			13.4	190.4	52.1		Ste		1
19 56 47.8	+30 43 58	6851				196.8	51.9	c	VKL92,OLFHHS		i
19 56 49.0	+26 36 46	4570			13.4	203.4	51.3		Ste		1
19 56 53.2	+31 43 23	4574		13.2	11.1	195.2	52.0		C 198, Ste, SoyMae99, CCCS 2832		1
19 57 07.0	+35 39 13	4577			11.5	188.8	52.2		Ste		1
19 57 10.1	+30 33 13	4575			13.4	197.1	51.9		Ste		1
19 57 11.2	+31 50 24	4576				195.1	52.0	IRAS C	Lit 150		1
19 57 12.5	+44 15 40	4581	11.4	7.4	5.1	175.0	51.3	N6(Har)	189256(Nb), AX Cyg, CCCS 2833	R	0
19 57 29.2	+32 37 48	4578			13.7	193.8	52.2		Ste		1
19 57 29.2	+30 43 14	6852		16.2		196.9	52.0		SoyMae99, V2000 Cyg.		1
19 57 31.1	+35 45 18	4580			12.6	188.7	52.2		Ste		1
19 57 37.6	+00 14 30	4567		9.3		238.4	40.4	R8(Sh);C3,1(Yam)	188934(R3), -0:3883, CCCS 2829	R	0

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
19 57 42.4	+30 55 27	4579		14.9	12.4	196.6	52.1		Ste, SoyMae99		1
19 57 47.6	+34 51 27	4582			11.9	190.1	52.3		Ste		1
19 57 53.4	+33 09 23	4583	12.4			192.9	52.3		NassCam, KL Cyg, CCCS 2834	R	2
19 58 10.2	+43 06 10	4588	14.0	11.6	9.7	176.8	51.7		C 742, V416 Cyg, Ste, CCCS 2836	R	1
19 58 21.2	+32 32 29	4585		13.6	11.1	193.9	52.3		Ste, SoyMae99		1
19 58 23.0	+35 34 19	4586			10.8	189.0	52.4		VB 8016-4, Ste, Aar90		1
19 58 34.0	+34 19 27	4587				191.0	52.4		VB 8016-10, Aar90		1
19 58 47.4	+22 10 12	4584		10.6	9.0	210.4	50.6	N(NassSte61)	C 634,NassSte61,SoyMae99,CCCS 2835		1
19 58 54.7	+32 07 26	4589			14.1	194.6	52.4		VB 8016-35, Ste, Aar90		1
19 58 54.8	+36 00 01	4591			12.9	188.3	52.5		VB 8016-3, Ste,Aar90		1
19 58 58.1	+36 13 38	4592			13.7	187.9	52.5		VB 8016-2, Ste,Aar90		1
19 59 04.4	+34 07 26	4593			12.6	191.4	52.5		VB 8016-11, Ste,Aar90		1
19 59 06.5	+31 13 34	4590		13.4	10.7	196.1	52.4		Ste, V2003 Cyg, SoyMae99		1
19 59 24.5	+36 24 57	4594			13.7	187.6	52.6		VB 8016-1, Ste,Aar90		1
20 00 05.0	+31 53 21	4596			13.1	110.4	−29.7		Ste		1
20 00 06.6	+26 01 08	6853				108.8	−35.4		GEAS97		i
20 00 11.8	+34 20 08	4599			9.6J	111.0	−27.3		VB 8016-9, Aar90		1
20 00 13.4	+29 15 43	4597			13.2	109.7	−32.3		Ste		1
20 00 16.4	+57 14 01	6854		12.9		116.0	−5.0		MaeSoy88		1
20 00 21.2	+32 03 53	4600			11.1	110.5	−29.6		VB 8016-34, Ste, Aar90		1
20 00 25.0	+32 53 11	4601			12.4	110.7	−28.8		VB 8016-18, Ste, Aar90		1
20 00 25.5	+37 51 32	4604				111.9	−23.9		NassCol 4, CCCS 2839		3
20 00 35.9	+32 05 57	4603				110.6	−29.5		VB 8016-33		1
20 00 47.5	+35 39 24	4605				111.5	−26.1		VB 8016-5,Aar90		1
20 00 55.7	+34 10 35	4606			12.8	111.2	−27.5		VB 8016-14, Ste, Aar90		1
20 00 56.1	+23 19 56	4602			13.1	108.2	−38.1		Ste		1
20 01 02.7	+33 55 10	4608				111.1	−27.8		VB 8016-13, Aar90		1
20 01 03.8	+09 29 51	4598		8.7		102.8	−51.4	N(San)	189711(Nb), +9:4369, V1469 Aql,	R	0
20 01 05.2	−07 21 52	4595	12.1	10.8		89.5	−66.9	C5,5J(De)	189605, -7:5141, V1468 Aql, Ste65	R	0
20 01 07.2	+32 42 43	4609			9.4J	110.8	−29.0		VB 8016-19, Aar90		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
20 01 08.8	+40 55 36	6855			5.6J	112.8	−21.0	3.1;11.5(MerSte76)	LKVR76,JBGHJKL,GWSK,V1968Cyg	R	i
20 01 13.4	+35 01 33	4611			13.5	111.4	−26.7		VB 8016-6, Ste, Aar90		1
20 01 13.6	+28 05 26	4607			13.8	109.6	−33.5		Ste		1
20 01 30.8	+28 43 21	4610			13.2	109.9	−32.9		Ste		1
20 01 35.3	+36 40 49	4615				111.9	−25.1		NassCol 5, VB 8016-65, CCCS 2842		1
20 01 39.3	+32 34 18	6856				110.9	−29.1		Aar90		2
20 01 40.2	+40 01 45	4619		10.1	7.5	112.7	−21.9	N(San)	MSB 69, C 460, CCCS 2844	R	0
20 01 53.6	+23 29 45	4613			12.9	108.5	−38.0		Ste		1
20 01 57.4	+33 35 51	4617			10.7	111.3	−28.1		C 199,CCCS 2845,VB,Akyol,Ste,Aar90		1
20 01 58.0	+34 32 41	4618			13.0	111.5	−27.2		VB 8016-8, Ste, Aar90		1
20 01 59.4	+32 47 32	6857				111.1	−28.9	c	OLFHHS		i
20 02 08.6	+36 27 54	4623			11.6	112.0	−25.4		NassCol 6, VB, CCCS 2846, Ste		1
20 02 10.5	+38 54 45	4626				112.5	−23.0		NassCol 7, CCCS 2847		3
20 02 13.9	+36 42 03	4625			10.2J	112.1	−25.1		VB 8016-66, Aar90		1
20 02 15.3	+30 18 58	4620			13.8	110.5	−31.4		Ste		1
20 02 19.9	+28 53 00	4621			13.8	110.1	−32.8		Ste		1
20 02 23.1	+21 05 25	4616	10.3	9.2		107.9	−40.3	N3(CannMay49)	190048(Nb), BF Sge, CCCS 2843	*R	0
20 02 29.2	+30 14 45	4624			14.1	110.5	−31.4		Ste		1
20 02 29.7	+29 51 41	6858		11.8		110.4	−31.8		SoyMae99, V2004 Cyg		1
20 02 30.0	+36 21 19	4629			11.7	112.0	−25.5		NassCol 8,VB,CCCS 2848,Ste,Aar90		1
20 02 31.8	+30 46 39	4627	14.0	10.3	6.9	110.7	−30.9	N(San); C5,5(De)	MSB 37,V1583 Cyg,C 200,CCCS 2849	R	1
20 02 33.1	+34 45 20	4628		15.9	9.7J	111.7	−27.0		VB 8016-7, Aar90, SoyMae99		1
20 02 36.6	+25 37 01	4622		15.7	12.6	109.3	−36.0		Ste, SoyMae99		1
20 02 43.2	+36 14 42	4634			11.4J	112.1	−25.6		VB 8016-62, Aar90		1
20 02 43.8	+31 57 14	4630			14.1	111.0	−29.8		Ste		1
20 02 43.9	+37 36 20	4635	15.0		9.3	112.4	−24.3		C 461, V1303 Cyg, CCCS 2851, Ste	R	1
20 02 50.7	+31 42 11	4632			13.0	111.0	−30.0		Akyol, Ste		1
20 02 53.3	+36 05 42	4637			10.2J	112.1	−25.7		VB 8016-61, Aar90		1
20 02 59.4	+32 39 51	4636			13.8	111.3	−29.1		VB 8016-20, Kurt88 15, Ste,Aar90		1
20 02 59.9	+28 07 01	4631		15.5	11.1	110.1	−33.5		Ste, SoyMae99		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
20 03 12.2	+40 13 46	4642			11.7	113.0	−21.7		NassCol 9, CCCS 2852, Ste		1
20 03 13.9	+35 20 33	4639			13.3	112.0	−26.5		VB 8016-57, Ste, Aar90		1
20 03 21.7	+32 09 47	4638			13.8	111.2	−29.6		VB 8016-32, Ste, Aar90		1
20 03 24.4	+35 21 24	4641			10.7J	112.0	−26.5		VB 8016-56, Aar90		1
20 03 26.4	+33 45 60	4640				111.6	−28.1		VB 8016-15, Aar90		1
20 03 28.9	+17 05 27	4633		9.9		106.8	−44.3	R(NassSte61)	NassSte61, CCCS 2850	R	1
20 03 31.7	+37 04 18	4643				112.4	−24.8		Kurt88 16		1
20 03 32.7	−25 27 20	4612	13.3			39.1	−79.1	R3(MayCann40)	-25:14520, MayCann40, CCCS 2840	R	2
20 03 39.1	+40 34 21	4645			12.1	113.2	−21.4		Ste		1
20 03 42.5	+48 10 56	4654		11.3		114.8	−13.9	LR or N(Har)	+47:2999, D 318(R), CCCS 2854	R	1
20 03 53.9	+32 12 28	4644		14.8	12.2	111.4	−29.6		VB 8016-31, Ste, SoyMae99,Aar90		1
20 04 05.2	+33 33 28	4646			12.8	111.7	−28.3		VB 8016-16, Ste, Aar90		1
20 04 20.9	+35 52 10	4650			12.3	112.3	−26.0		VB 8016-60, Ste, Aar90		1
20 04 29.1	+31 41 59	4648			14.1	111.4	−30.1		Ste		1
20 04 30.3	+31 21 41	4649		15.0	10.7	111.3	−30.4		Ste, SoyMae99		1
20 04 33.7	+23 40 33	4647		16.0	13.4	109.3	−38.0		Ste, SoyMae99		1
20 04 34.4	+37 15 03	4655				112.7	−24.7		NassCol 11, CCCS 2855, Kurt88 17		3
20 04 34.4	+32 06 12	4651		14.7	12.7	111.5	−29.7		Ste, SoyMae99		1
20 04 38.5	+31 01 57	4652		15.9	13.4	111.3	−30.8		Ste, SoyMae99		1
20 04 38.9	+35 47 03	4656				112.4	−26.1		NassCol 10, CCCS 2856		3
20 04 47.8	+35 40 51	4657			9.6J	112.4	−26.2		VB 8016-59, Aar90		1
20 04 53.8	+42 11 06	4662	17.7			113.8	−19.9		Ack 78-6-41, CCCS 2858	R	3
20 05 01.4	+32 50 53	4658			14.1	111.8	−29.0		VB 8016-21, Ste, Aar90		1
20 05 04.7	+20 38 52	4653	10.0	8.7	6.1	108.5	−40.9	N3(CannMay49)	190606(Nb), X Sge, CCCS 2853	R	1
20 05 06.6	+41 59 08	4664	15.7			113.8	−20.1		Ack 78-6-43, CCCS 2859		3
20 05 08.5	+35 38 09	4661			10.0J	112.5	−26.3		VB 8016-58,Aar90		1
20 05 20.0	+31 40 10	4659		17.1	13.6	111.6	−30.2		Ste, SoyMae99		1
20 05 27.4	−52 42 06	4614		8.3		318.4	−63.0	C1,1(War)	190018(K2p), -53:8399, CCCS 2841		3
20 05 28.4	+33 44 11	4663			10.2J	112.1	−28.2		VB 8016-17, Aar90		1
20 05 42.7	+37 49 23	4666			11.5	113.1	−24.2		NassCol 13, CCCS 2860, Ste		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
20 05 48.5	+36 03 12	4665			9.9J	112.7	−25.9		VB 8016-68, Aar90		1
20 05 54.9	+34 51 49	4667			12.6	112.5	−27.1		Ste,Aar90		1
20 06 04.4	+32 05 10	4668				111.9	−29.8		VB 8016-30,Aar90		1
20 06 06.9	+46 08 46	4675		12.8		114.8	−16.0	N(BC)	BC 166, MaeSoy88		1
20 06 09.5	+48 11 28	4677		10.5		115.2	−14.0		Ste85		1
20 06 15.3	+35 17 24	4670			12.1	112.6	−26.7		VB 8016-53, V2007 Cyg, Lit 151	R	1
20 06 19.6	+29 15 40	4669			14.1	111.2	−32.6		Ste		1
20 06 26.8	+35 04 08	4672			10.0J	112.6	−26.9		VB 8016-54, Aar90		1
20 06 35.7	+36 44 21	4674				113.0	−25.3		VB 8016-67,Aar90		1
20 06 40.9	+33 14 17	4673			8.8J	112.3	−28.7		VB 8016-22, AS 381?,Aar90		1
20 06 43.3	+40 20 25	4678			11.1	113.8	−21.7		NassCol 14, CCCS 2861, Ste	R	1
20 06 52.7	+22 36 57	4671		14.5	12.5	109.6	−39.1		Ste, SoyMae99		1
20 06 58.1	+37 23 54	4679				113.2	−24.6		Kurt88 19		1
20 07 06.4	+31 04 53	4676		17.3	11.5	111.9	−30.8		Ste, SoyMae99		1
20 07 08.1	+36 03 07	6859			10.3J	113.0	−26.0		Aar90		1
20 07 09.2	+35 54 59	4681				113.0	−26.1		VB 8016-69		1
20 07 12.0	+37 27 18	4682			13.3	113.3	−24.6		Kurt88 20, Ste		1
20 07 13.9	+33 01 53	4680			8.8J	112.4	−28.9		VB 8016-23, Aar90		1
20 07 29.9	+32 27 58	4683			13.4	112.3	−29.5		VB 8016-28, Ste, Aar90		1
20 07 39.2	+43 59 10	4690			12.8	114.7	−18.2		BC 256, Ste		1
20 07 45.3	+32 42 16	4684			14.1	112.4	−29.3		VB 8016-24, Ste, Aar90		1
20 07 52.6	+35 18 57	4685		12.2	10.5	113.0	−26.7		C 201, V1422 Cyg, CCCS 2862, Ste	R	1
20 07 59.2	+37 31 45	4688				113.5	−24.5		Kurt88 21		1
20 08 02.4	+32 28 03	4686			14.1	112.4	−29.5		VB 8016-27, Ste, Aar90		1
20 08 07.9	+37 02 27	4692			13.3	113.4	−25.0		VB 8016-70, Ste, Aar90		1
20 08 09.8	+32 34 12	4687			9.0J	112.5	−29.4		VB 8016-26, Aar90		1
20 08 17.4	+32 15 05	4691				112.4	−29.7		VB 8016-29, Aar90		1
20 08 34.7	+42 29 15	4697			12.4	114.6	−19.7		Ste		1
20 08 46.0	+36 47 55	4695			11.5	113.5	−25.3		NassCol 15, CCCS 2865, Ste		1
20 08 46.2	+39 39 46	4698				114.1	−22.5		Kurt88 23		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
20 08 47.2	+34 34 55	4694				113.0	−27.5		VB 8016-50		1
20 08 48.3	+40 23 27	4699			12.4	114.2	−21.8		Kurt88 24, Ste		1
20 09 03.8	+32 43 56	4696			10.4J	112.7	−29.3		VB 8016-25, Aar90		1
20 09 10.2	+21 57 03	4693		10.3	8.9	110.1	−39.9		Richt, NSV 12842, CCCS 2864, Ste	R	1
20 09 14.4	+31 25 45	6860			5.2J	112.5	−30.6		LKVR76, V1969 Cyg, CK77, JBGHJKL	R	i
20 09 15.0	+35 12 40	4700	15.0	10.9	8.4	113.3	−26.9	C5,4(De)	C 202, V1423 Cyg, CCCS 2866, Ste	R	1
20 09 23.9	+52 48 51	4722		12.5		116.5	−9.5	N(BC)	BC 57, Ste, MaeSoy88		1
20 09 24.7	+38 46 39	4702				114.0	−23.4		NassCol 16, CCCS 2868		3
20 09 26.0	+40 43 44	4705			12.2	114.4	−21.4		Kurt88 26, V1625 Cyg		1
20 09 27.5	+39 10 01	4703				114.1	−23.0		Kurt88 25		1
20 09 30.1	+47 52 17	4714	11.7	8.5	6.1	115.7	−14.4	N3(Sh);C7,4(Yam)	191738(Nb), SV Cyg, CCCS 2872	R	0
20 09 32.4	+38 16 02	4704			11.1	114.0	−23.9		NassCol 17, CCCS 2869, Ste		1
20 09 38.6	−05 28 05	4689	13.4			96.4	−66.2	N(Ste65)	Ste65, CCCS 2863		1
20 09 41.6	+39 46 13	4708			11.7	114.3	−22.4		Kurt88 27, V1626 Cyg, Ste		1
20 09 44.2	+41 29 37	4712	11.7	9.0	7.4	114.6	−20.7	N(San)	D 215(N), AY Cyg, CCCS 2870	R	0
20 09 55.6	+30 59 29	4706		14.7	11.7	112.5	−31.0		Ste, SoyMae99		1
20 09 58.0	+36 55 12	4710			10.0J	113.8	−25.2		VB 8016-71, Aar90		1
20 10 02.2	+29 47 04	4707		14.8	12.6	112.3	−32.2		Ste, SoyMae99		1
20 10 04.2	+36 11 18	4713			10.0J	113.7	−25.9		VB 8016-74, Aar90		1
20 10 04.9	+43 44 44	4720		15.8	11.7	115.1	−18.5		Ste, MaeSoy88, V1747 Cyg		1
20 10 10.3	+32 37 18	4709				113.0	−29.4	IRAS C	Lit 152		1
20 10 19.4	+39 19 02	4719				114.3	−22.9		Kurt88 29		1
20 10 19.4	+29 20 09	4711		12.2	8.8	112.3	−32.7		C 635, Ste, SoyMae99, CCCS 2871		1
20 10 22.9	+37 41 09	4718				114.0	−24.5		Kurt88 28		1
20 10 23.1	+47 59 32	4728		13.0		115.9	−14.3		Ste85		1
20 10 24.5	+35 56 53	4716	13.0	8.5	6.3	113.7	−26.2	N(San)	191783(Nb), RY Cyg, CCCS 2873	R	1
20 10 24.6	+36 56 06	4717			10.1J	113.9	−25.2		VB 8016-72, Aar90		1
20 10 29.4	+36 08 55	4721			10.5	113.7	−26.0		VB 8016-75, Ste, Aar90		1
20 10 36.5	+29 33 44	4715		14.3	11.2	112.4	−32.5		Ste, SoyMae99		1
20 10 36.8	+37 38 54	4724				114.1	−24.5		Kurt88 31		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
20 10 36.9	+37 15 15	4723				114.0	−24.9		Kurt88 30		1
20 10 41.6	+50 02 40	4734	15.4	12.0	10.3r	116.3	−12.3	N(BC)	BC 40, V1822 Cyg, Ste, MaeSoy88		1
20 10 53.9	+35 12 25	4726			12.7	113.7	−26.9		VB 8016-49, Ste, Aar90		1
20 10 54.7	+33 49 35	4725				113.4	−28.3		VB 8016-55		1
20 10 57.0	+35 15 31	4727			10.5J	113.7	−26.9		VB 8016-48, Aar90		1
20 10 57.5	+39 52 51	4730				114.6	−22.3		NassCol 18, CCCS 2875		3
20 11 06.1	+36 06 47	4729	11.6		6.8	113.9	−26.0	R(D); C5,4(De)	D 217, V429 Cyg, C 203,CCCS 2874	R	1
20 11 18.1	−14 16 06	4701		9.4	5.1J	84.9	−74.1	Ne(Bid)	-14:5663,Ste(Ne),R Cap,CCCS 2867	R	2
20 11 23.6	+38 51 46	4733			12.8	114.5	−23.3		Kurt88 32, Ste		1
20 11 30.1	+38 52 59	4736				114.5	−23.3		Kurt88 34		1
20 11 30.7	+37 25 43	4735				114.2	−24.8		Kurt88 33		1
20 11 32.6	+32 34 31	4731				113.3	−29.5		VB 8016-36, Aar90		1
20 11 35.1	+34 06 16	4732			11.1	113.6	−28.0		C 204, VB 8016-92, CCCS 2876,Ste		1
20 11 44.6	+40 55 41	4740				114.9	−21.3		Kurt88 35		1
20 11 47.1	+36 43 30	4738			10.3J	114.1	−25.5		VB 8016-73, Aar90		1
20 11 51.1	+41 32 57	4741		17.8	11.5	115.0	−20.7	C 7,4(CWWV96)	Kurt88 36,V1631 Cyg,Lit,Ste,CWWVS		1
20 12 03.0	+34 01 09	4739			9.7	113.7	−28.1		C 205, CCCS 2877, Ste		1
20 12 08.0	+39 36 49	4744		13.6		114.7	−22.6	N(BC)	BC 58, V1633 Cyg, Kurt88 37		1
20 12 09.3	+39 35 60	4745				114.7	−22.6		Kurt88 38		1
20 12 15.1	+25 17 20	4737		12.8	12.8	111.9	−36.7		Ste, SoyMae99		1
20 12 17.3	+38 01 03	4747				114.5	−24.2		Kurt88 39		1
20 12 19.2	+33 48 48	4742				113.7	−28.4	IRAS C	Lit 154		1
20 12 24.3	+42 38 02	4750	16.0	11.6		115.3	−19.7		Ack 78-6-73, CCCS 2878		3
20 12 27.5	+34 06 45	4746				113.8	−28.1		VB 8016-91, Aar90		1
20 12 28.6	+40 21 27	4749			12.8	114.9	−21.9		Kurt88 41, Ste		1
20 12 29.6	+43 13 46	4752			14.4	115.4	−19.1		Ste		1
20 12 36.9	+39 26 43	4751				114.8	−22.8		Kurt88 42		1
20 12 37.3	+35 28 19	4748			8.8J	114.1	−26.7		VB 8016-47, Kurt88 40, Aar90		1
20 12 39.8	+28 05 42	4743		15.9	12.8	112.6	−34.0		Ste, SoyMae99		1
20 12 51.9	+40 52 34	4756			13.3	115.1	−21.4		Kurt88 43, Ste		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
20 13 00.3	+34 04 17	4754			14.1	113.9	−28.1		Ste		1
20 13 08.4	+48 34 45	4762	13. :	10.1		116.4	−13.8		Krum, V1955 Cyg, Ste, MaeSoy88		1
20 13 15.0	+28 25 54	4753		12.7	9.2	112.8	−33.7		C 636, Ste, SoyMae99, CCCS 2879		1
20 13 16.2	+48 16 47	4764	15.1	11.9	10.4r	116.4	−14.1	N(BC)	BC 41, V1824 Cyg, Ste, MaeSoy88		1
20 13 18.9	+41 48 12	4760				115.4	−20.5		Kurt88 45		1
20 13 23.7	+38 43 45	4758		6.5	4.2	114.8	−23.5	N0p(Sh)	+38:3957, C 25, RS Cyg,CCCS 2880	R	0
20 13 27.0	+28 32 52	4755		16.5	13.2	112.9	−33.6		Ste, SoyMae99		1
20 13 39.1	+35 29 16	4759			9.1J	114.3	−26.8		VB 8016-46, Kurt88 44, Aar90		1
20 13 41.9	+32 14 22	4757		17.3	13.2	113.7	−30.0		Ste, SoyMae99		1
20 13 44.9	+33 32 08	4761			13.8	114.0	−28.7		VB 8016-37, Ste, Aar90		1
20 14 01.5	+34 02 43	4763			9.9J	114.1	−28.2		VB 8016-90, Aar90		1
20 14 07.7	+58 06 19	4784		9.6		118.0	−4.4	R0(Van)	+57:2161, Van 82, CCCS 2884		0
20 14 10.0	+39 40 25	4766			13.4	115.2	−22.6		Ste		1
20 14 23.9	+36 03 09	4767			9.9J	114.6	−26.2		VB 8016-78, Kurt88 46, Aar90		1
20 14 28.8	+33 14 32	4765			13.6	114.1	−29.0		VB 8016-38, Ste, Aar90		1
20 14 33.7	+37 39 36	4769				114.9	−24.6		Kurt88 47		1
20 14 36.3	+34 49 22	4768				114.4	−27.4		VB 8016-45, Aar90		1
20 14 43.3	+40 32 43	4770				115.4	−21.8		Kurt88 48		1
20 14 48.8	+40 12 12	4773				115.4	−22.1		Kurt88 49		1
20 14 51.8	+38 49 18	4771			13.1	115.2	−23.5		Ste		1
20 14 56.0	+41 10 06	4776			11.6	115.6	−21.2		Kurt88 50, Ste		1
20 15 08.9	+33 05 13	4772			14.1	114.2	−29.2		VB 8016-39, Ste, Aar90		1
20 15 09.5	+40 46 01	4778				115.6	−21.6		Kurt88 52		1
20 15 12.1	+40 47 20	4781				115.6	−21.6		Kurt88 54		1
20 15 13.4	+34 28 14	4775				114.5	−27.8		VB 8016-44, Aar90		1
20 15 15.5	+39 22 26	4779			12.0	115.3	−23.0		Ste		1
20 15 22.4	+40 01 08	4783			12.4	115.5	−22.3		Ste, V1646 Cyg		1
20 15 24.2	+35 41 40	4777			12.2	114.8	−26.6		VB 8016-89, Kurt88 51, Ste, Aar90		1
20 15 26.3	+36 15 10	4780			9.5J	114.9	−26.1		VB 8016-79, Kurt88 53, Aar90		1
20 15 28.8	+37 01 19	4782	13.0	10.9	7.9	115.0	−25.3	R(D); C5,5(De)	D 218, V432 Cyg, C 206,CCCS 2883	R	1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
20 15 38.1	+37 07 25	4785			13.1	115.1	−25.2		Ste	R	1
20 15 48.0	+40 23 56	4787				115.6	−22.0		Kurt88 55		1
20 15 56.2	+33 41 22	4786			13.8	114.5	−28.6		VB 8016-42, Ste, Aar90		1
20 16 00.1	+37 32 22	4788				115.2	−24.8		Kurt88 56		1
20 16 03.5	+41 26 11	4790				115.8	−20.9		Kurt88 57		1
20 16 05.9	+49 55 10	4793		10.2	8.6r	117.1	−12.6	R(D)	+49:3239, V1825 Cyg ,D 320, Ste	R	1
20 16 15.4	+41 50 14	4791				115.9	−20.6		Kurt88 58		1
20 16 16.2	+34 18 56	4789				114.7	−28.0		VB 8016-43, Aar90		1
20 16 56.9	+38 40 19	4794			10.1	115.6	−23.7		Ste		1
20 17 06.5	−21 19 04	4774	8.9	7.5	4.4	67.7	−80.3	N(San);C6,4(Yam)	192737(Nb), RT Cap, CCCS 2882	R	0
20 17 07.8	+36 53 15	4796	13.0	11.0	5.4J	115.3	−25.5	C3,5;R(GCVS)	NassCam, V436 Cyg, CCCS 2887	R	1
20 17 10.0	+35 11 40	4795			12.8	115.1	−27.2		VB 8016-88, Kurt88 59, Ste, Aar90		1
20 17 29.2	+32 54 58	4797				114.8	−29.4		VB 8016-40, Aar90		1
20 17 41.1	+37 16 37	4799				115.5	−25.1		Kurt88 60		1
20 17 53.3	+33 25 59	4800			12.4	114.9	−28.9		VB 8016-41, Ste, Aar90		1
20 18 07.2	+30 27 51	4801			12.4	114.5	−31.9		Ste		1
20 18 07.5	+52 36 46	4812				117.8	−9.9		Krum		3
20 18 10.8	+48 00 15	6861		14.6		117.2	−14.5		MaeSoy88		1
20 18 11.2	+36 13 50	4802				115.5	−26.2		VB 8016-82, Kurt88 61, Aar90		1
20 18 22.7	+42 40 01	4809				116.5	−19.8		Kurt88 63		1
20 18 26.1	+41 16 49	4808				116.3	−21.2		Kurt88 62		1
20 18 27.3	+33 48 24	4803			13.4	115.1	−28.6		VB 8016-93, Ste, Aar90		1
20 18 30.6	+50 10 53	6862		14.3		117.5	−12.3		MaeSoy88		1
20 18 33.3	+37 26 59	4806	13.5	10.2	6.7	115.7	−25.0	Ne(San)	193368(Nb), WX Cyg, CCCS 2892	R	0
20 18 43.4	+40 51 11	4810			12.5	116.3	−21.6		Kurt88 64, Ste		1
20 18 46.0	+27 59 50	4804			9.2	114.2	−34.3		C 637, CCCS 2890, Ste		1
20 18 49.1	+31 53 24	4807			13.6	114.9	−30.5		Ste		1
20 19 01.2	+35 28 49	6863				115.5	−26.9	c	OLFHHS		i
20 19 05.5	+54 10 60	4816		13.2		118.2	−8.4	N(BC)	BC 59, MaeSoy88		1
20 19 07.2	+41 54 38	4813			11.7	116.5	−20.6		Ste		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
20 19 09.2	+36 15 53	4811				115.7	−26.2		Kurt88 65		1
20 19 19.6	−12 23 57	4798	13.8			94.3	−73.5	R(Ste65)	Ste65, CCCS 2888		1
20 19 36.6	+47 53 39	4817		6.7	3.0	117.4	−14.6	Np(Sh);C9,2(CH96)	193680(R8), U Cyg, CCCS 2894	R	0
20 19 42.5	+05 04 04	4805	13.1			108.4	−56.9	R(Ste65)	Ste65, CCCS 2891		1
20 19 48.6	+36 46 53	4815			12.4	115.9	−25.7		VB 8016-84, Kurt88 66, Ste, Aar90		1
20 19 52.9	+34 11 55	4814			10.7	115.5	−28.2		C 208, CCCS 2893		3
20 20 02.9	+43 02 59	4818			13.0	116.9	−19.5		BC 257, V1684 Cyg		1
20 20 13.0	−49 49 15	4792		9.0		315.6	−66.5	Nb(HD)	193025, -50:12918, CCCS 2885	R	3
20 20 32.8	+33 45 20	4819				115.6	−28.7		VB 8016-95, Aar90		1
20 20 36.9	+46 59 26	4821			12.0	117.5	−15.6		Ste		1
20 20 44.4	+53 32 23	4825	13.1	12.6		118.3	−9.1	R(BC)	BC 16, Krum, MaeSoy88, CCCS 2895		1
20 20 59.6	+40 38 20	4820				116.7	−21.9		Kurt88 67		1
20 21 45.9	+42 25 41	4830			14.2	117.1	−20.1		Kurt88 70, V1689 Cyg		1
20 21 47.5	+34 46 52	4822			5.4J	116.1	−27.7		VB 8016-87, Aar90		1
20 21 51.3	+36 25 35	4823				116.3	−26.1		VB 8016-85		1
20 21 51.9	+42 27 14	4831				117.1	−20.1		Kurt88 71		1
20 21 51.9	+38 22 28	4828			10.9	116.6	−24.1		Ste		1
20 21 52.6	+37 17 19	4827				116.4	−25.2		Kurt88 69		1
20 21 53.8	+36 33 40	4826			10.7	116.3	−25.9		Kurt88 68, Ste, Aar90		1
20 21 56.1	+41 45 16	4833				117.1	−20.8		Kurt88 72		1
20 21 58.0	+34 06 47	4824			14.1	116.0	−28.4		Ste		1
20 21 58.8	+36 26 48	4829				116.3	−26.0		VB 8016-86,Aar90		1
20 22 15.2	+46 33 24	4835		13.2	10.1	117.7	−16.0		C 462, Ste, MaeSoy88, CCCS 2897		1
20 22 25.1	+69 44 46	4857		12.0		120.4	7.0	N(Ste);C8,3e(De)	D 323(R?), Ste, CCCS 2903	R	1
20 22 32.1	+29 23 41	4832				115.4	−33.1	IRAS C	Lit 155		1
20 22 36.8	+33 00 15	4834			14.1	116.0	−29.5		Ste		1
20 22 55.2	+50 49 19	4843	17.9	14.5	13.0r	118.3	−11.8		BC 42, V2030Cyg, MaeSoy88		1
20 22 55.7	+39 28 25	4836			11.4	117.0	−23.1		Ste		1
20 22 56.7	+47 37 20	4842	16.0	13.0	9.1	118.0	−15.0		C 463, Ste, V2029 Cyg, CCCS2899	R	1
20 23 09.9	+40 57 42	4837			11.8	117.2	−21.6		Ste		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
20 23 27.2	+38 43 35	4841				117.0	−23.8		Kurt88 74		1
20 23 31.0	+47 20 21	4845	18.1	14.6	10.8	118.0	−15.3		BC 235, Ste, MaeSoy88, V1775 Cyg		1
20 23 35.5	+35 19 14	4839				116.5	−27.2		Kurt88 73		1
20 23 35.6	+35 34 25	4840			12.7	116.6	−27.0		Ste		1
20 23 42.7	+31 15 21	4838			9.7	116.0	−31.2		C 638, CCCS 2898, Ste		1
20 23 55.5	+56 14 52	4851	11.7	10.8		119.1	−6.4	N(San)	MSB 70, V 744 Cyg, CCCS 2901	R	0
20 24 04.8	+45 37 19	4847			12.9	117.9	−17.0		BC 258, Ste		1
20 24 16.2	+45 47 58	4849			11.8	118.0	−16.8		BC 259, Ste		1
20 24 20.8	+32 06 01	4846			12.4	116.3	−30.4		Ste		1
20 25 08.2	+40 42 48	4852			10.5	117.6	−21.9		C 209, CCCS 2902, Ste		1
20 25 09.1	+45 01 47	4854			13.1	118.1	−17.6		Ste		1
20 25 17.9	+35 51 60	4850				117.0	−26.7		Kurt88 75		1
20 25 25.4	+17 54 25	4848	13.0	9.5		114.2	−44.5	N(San)	D 143(N),HH Del,Ste(N),CCCS 2900	+	0
20 25 26.8	+44 16 44	4856			14.0	118.0	−18.3		Ste		1
20 25 28.2	+41 17 20	4855			12.3	117.7	−21.3		Ste		1
20 25 35.8	+35 40 31	4853			13.4	117.0	−26.9		Kurt88 76, Ste		1
20 25 46.3	−16 31 43	4844		13.5		92.3	−77.8		Ste, BidMac		1
20 25 46.7	+43 05 21	4858			12.9	118.0	−19.5		Ste		1
20 25 56.5	+44 24 26	4859			12.7	118.1	−18.2		BC 260, Ste		1
20 26 06.3	+56 13 11	4865		13.5		119.4	−6.5	R(BC)	BC 60		1
20 26 45.0	+38 13 46	4861	15.6	13.0	7.9	117.6	−24.4	C5,5(De)	C 210, V1387 Cyg, CCCS 2904	R	1
20 26 45.1	+32 35 29	4860			13.1	116.9	−30.0		Ste		1
20 26 48.3	+48 12 42	4864		14.0	12.2	118.7	−14.5		Ste, MaeSoy88		1
20 26 58.2	+36 27 24	4862				117.5	−26.2		Kurt88 77		1
20 27 22.3	+52 01 20	6864				119.2	−10.7	c	GEAS97		i
20 27 37.1	+36 45 46	4866				117.6	−25.9		Kurt88 78		1
20 27 41.6	+26 43 58	4863			10.7	116.4	−35.8	N(BC)	BC 95, Ste	R	1
20 28 06.3	+42 55 08	4868		13.4	10.4	118.4	−19.7		Dol71b, Ste, MaeSoy88, CCCS 2905		1
20 28 18.2	+38 59 46	4867			13.4	118.0	−23.7		Kurt88 79, Ste		1
20 28 49.6	+41 22 19	4869			12.3	118.4	−21.3		BC 261, Ste		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
20 29 15.9	+53 38 22	6865		13.3		119.6	−9.1		MaeSoy88		1
20 29 28.7	+35 22 17	4871			11.5	117.9	−27.3		Ste		1
20 29 43.0	+47 18 19	4876			10.8	119.1	−15.4		Ste		1
20 29 44.7	+45 19 41	4875			12.7	118.9	−17.4		Ste		1
20 29 49.1	+47 52 55	4878		14.2	12.0	119.2	−14.8		Ste, MaeSoy88		1
20 29 53.4	+46 30 24	4877			11.5	119.1	−16.2		BC 262, Ste		1
20 29 54.5	+31 31 09	4872			11.7	117.6	−31.1		Ste		1
20 30 07.0	+36 14 39	4874				118.1	−26.4	IRAS C	Lit 156		1
20 30 34.3	+03 26 22	4870	12.7	11.4		112.8	−59.0	R(Ste65)	Ste65, Ste(R), CCCS 2906		1
20 30 46.0	+47 44 56	4881	18.2	14.3	10.4	119.3	−15.0		BC 236, Ste, MaeSoy88, V1782 Cyg		1
20 30 46.6	+41 32 34	4880			14.0	118.8	−21.2		Ste		1
20 30 54.6	+46 21 45	4882		13.8		119.2	−16.4		C 464, Ste, MaeSoy88, V2032 Cyg		1
20 31 00.8	+45 59 48	4884			12.9	119.2	−16.7		Ste		1
20 31 03.9	+33 21 17	4879			13.4	118.1	−29.3		Ste		1
20 31 17.9	+47 01 37	4886			14.4	119.4	−15.7		Kurt88 80, Ste		1
20 31 34.6	+46 48 00	4887	15.9	13.5	9.2	119.4	−15.9		C 465, Ste, MaeSoy88, 2033 Cyg	R	1
20 31 36.6	+33 58 07	4883			13.8	118.2	−28.7		Ste		1
20 31 43.0	−11 53 04	4873		9.6		105.1	−74.1	R6(San)	195435(R5), -12:5755, BI Cap	R	0
20 31 47.6	+53 48 05	4890	16.7	13.9	12.5r	120.0	−9.0	N(BC)	BC 17, MaeSoy88, V1519 Cyg		1
20 31 52.7	+46 20 38	4889				119.4	−16.4		Kurt88 81		1
20 32 25.4	+47 46 31	4891			12.4	119.6	−15.0		Ste		1
20 32 27.0	+33 23 30	4888			12.9	118.4	−29.3		Ste		1
20 32 36.5	+45 08 03	4892		13.3	10.6	119.4	−17.6		BC 263, MaeSoy88, Ste		1
20 32 43.1	+45 36 41	4893			13.7	119.5	−17.1		Ste		1
20 32 46.9	+47 44 43	4895			12.2	119.7	−15.0		Kurt88 82, Ste		1
20 32 54.9	+42 32 56	6866				119.3	−20.2	IRAS C	GJBSW, AFGL 2604		i
20 33 11.8	+37 50 11	4894			12.1	119.0	−24.9		Ste		1
20 33 18.6	+52 45 23	4898	13.6	10.9	9.8r	120.1	−10.0	N(Ste)	Krum,Ste,BC 18,MaeSoy88,CCCS 2910		1
20 33 39.0	+49 19 56	4899		12.1	8.5	120.0	−13.4	N?(D); C5,5:(De)	D 324, V2034 Cyg, C 466, Ste	R	1
20 33 48.2	−23 43 34	4885				72.5	−84.8		BidMac		3

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
20 34 09.2	+49 02 53	4902		15.4	13.7r	120.0	−13.7		BC 237, Kurt88 85, V1784 Cyg		1
20 34 24.0	+32 03 40	4896			13.8	118.7	−30.7		Ste, Lit 157		1
20 34 26.1	+33 39 52	4897			12.0	118.9	−29.1		Ste		1
20 34 31.7	+40 53 28	4901				119.5	−21.9		Kurt88 84		1
20 34 46.0	+46 31 40	4905				119.9	−16.2	IRAS C	Lit 158		1
20 35 03.8	+43 10 40	4907		14.0	11.4	119.8	−19.6		C 211, Ste, MaeSoy88, CCCS 2913		1
20 35 11.3	+37 32 34	4904			12.4	119.4	−25.2		Ste		1
20 35 15.1	+45 15 52	4908			14.4	119.9	−17.5		Ste		1
20 35 19.6	+33 12 21	4903			12.4	119.1	−29.5		Ste		1
20 35 23.1	+36 45 06	4906			10.4	119.4	−26.0		Ste		1
20 35 25.0	+53 55 46	4912	13.2	11.7		120.5	−8.9	N(Ste)	Ste85, MaeSoy88, V777 Cyg		1
20 35 27.7	+45 29 23	4910		13.5	9.6	120.0	−17.3		C 212, V2035 Cyg, Ste, MaeSoy88	R	1
20 35 35.0	+11 07 42	4900		10. :		116.7	−51.6	N?(D); C1:(De)	D 144, CCCS 2912		3
20 35 41.5	+41 01 36	4909				119.7	−21.7		Kurt88 86		1
20 35 54.1	+53 30 15	4917	16.0	14.4	13.2r	120.6	−9.3	R(BC)	BC 19		1
20 36 07.3	+60 05 31	4923	11.6	11.0		121.0	−2.7	N(San),C4,5J(Yam)	MSB 38, V778 Cyg, Ste, CCCS 2919	R	1
20 36 18.5	+46 59 52	4916				120.3	−15.8		Kurt88 87		1
20 36 22.4	+35 41 14	4911			9.7	119.5	−27.1		C 639, CCCS 2915, Ste		1
20 36 40.1	+34 24 53	4913			13.8	119.5	−28.4		Ste		1
20 36 50.4	+33 27 41	4914			12.9	119.4	−29.3		Ste		1
20 36 55.7	+57 07 35	6867		14.3		121.0	−5.7		MaeSoy88		1
20 37 00.4	+44 41 27	4918			14.4	120.2	−18.1		Ste		1
20 37 02.3	+47 34 10	4922				120.4	−15.2		Kurt88 89		1
20 37 16.3	+40 06 03	4919				120.0	−22.7		Kurt88 88		1
20 37 17.8	+26 29 02	4915		7.7		119.0	−36.3	Ne(San)	D 221(N), BD Vul, CCCS 2916		2
20 37 18.8	+48 09 35	4924			10.8	120.5	−14.6		Kurt88 90, MaeSoy88	R	1
20 37 30.2	+49 57 21	4926	18.0:	15.1	13.2r	120.6	−12.9		BC 43(C:), V2036 Cyg, MaeSoy88		1
20 37 34.0	+48 07 33	4925		15.7	13.9r	120.5	−14.7		BC 238, Kurt88 91, Ste		1
20 37 35.6	+36 50 40	4921		10.3	7.7	119.9	−25.9	N(San); C5,5(De)	MSB 71, D 222(N),C 640,CCCS 2918	R	1
20 37 39.0	+48 56 33	4927		11.6	8.5	120.6	−13.9	N(D); C6-,4(De)	D 326, V2037 Cyg, C 467, Ste	R	1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
20 38 25.4	+47 47 28	4928				120.7	−15.0		Kurt88 92		1
20 38 26.0	+51 41 39	6868				120.9	−11.1	c	OLFHHS		i
20 38 40.9	+04 24 05	4920	12.4	11.7:		116.9	−58.3	R1(Ste65)	Ste65, Ste(R), CCCS 2917		1
20 38 49.2	+50 33 49	4929	17.4	14.1	12.8r	120.9	−12.3		BC 239, V2038 Cyg, MaeSoy88		1
20 39 45.8	+47 00 27	4931			14.0	120.9	−15.8		Kurt88 91, Ste		1
20 39 51.3	+47 36 50	4932		16.4:	12.6	120.9	−15.2		Kurt88 92, Ste, MaeSoy88(C:)		1
20 39 55.8	+37 18 29	4930			13.8	120.4	−25.5		Ste		1
20 40 00.7	+46 30 45	4933				120.9	−16.3		Kurt88 95		1
20 40 11.4	+47 34 05	4934				121.0	−15.3		Kurt88 96		1
20 40 55.3	+49 10 30	4937				121.2	−13.7		Kurt88 97		1
20 41 18.3	+48 08 29	4939		6.8	7.1	121.2	−14.7	Ne(San)	+47:3167a,MSB 39,V Cyg,CCCS 2923	R	0
20 41 28.6	+36 35 02	4936			10.5:	120.7	−26.2		Dol68, CCCS 2921, Ste		1
20 41 38.5	+28 18 13	4935	13.4	10.6		120.3	−34.5	N(D)	D 223, TZ Vul, CCCS 2922	+	2
20 41 50.8	+33 06 27	4938			13.4	120.6	−29.7		Ste		1
20 41 56.3	+44 27 40	4941			14.1	121.1	−18.4		VB 8019-15, Ste, Aar90		1
20 41 57.6	+51 37 25	6869		15.1		121.4	−11.2		MaeSoy88		1
20 41 58.3	+46 20 35	4942		15.0	11.0	121.2	−16.5		VB,V1832 Cyg,BC 240,Kurt88,Ste	R	1
20 42 11.6	+39 13 01	4940			13.8	121.0	−23.6		Ste		1
20 42 13.1	+51 17 20	6870				121.5	−11.6		BC 313		1
20 42 17.9	+44 51 41	4943			12.2	121.2	−18.0		VB 8019-14, Aar90		1
20 42 33.5	+48 12 23	4945			14.4	121.4	−14.6		Kurt88 99, Ste		1
20 42 49.2	+55 19 32	4952	16.4	12.6	11.0r	121.7	−7.5	N(BC)	BC 20, V1523 Cyg		1
20 42 53.8	+37 33 42	4944			11.7	121.1	−25.3		Ste		1
20 43 01.5	+47 28 04	4948				121.5	−15.4		VB 8019-1, Kurt88 100, Aar90		1
20 43 11.9	+48 15 23	4951				121.5	−14.6		Kurt88 102		1
20 43 12.1	+46 20 34	4950				121.4	−16.5		VB 8019-8, Aar90		1
20 43 29.9	+39 48 02	4949			13.8	121.3	−23.0		Ste		1
20 43 32.8	+32 07 23	4946	13.4	9.2	7.3	121.0	−30.7	N(San)	MSB 40, V569 Cyg, CCCS 2924	R	2
20 43 35.0	+35 04 23	4947		9.2		121.1	−27.8	R4(San)	197604(R), +34:4134, CCCS 2925	R	0
20 44 05.5	+54 33 52	4957		15.1		121.9	−8.3		BC 273, V2196 Cyg		1

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20 44 06.2	+47 58 33	4954				121.7	−14.9		Kurt88 103		1
20 44 13.1	+43 34 35	4953			14.1	121.5	−19.3		VB 8019-16, Ste, Aar90		1
20 44 31.3	+48 15 18	4956				121.7	−14.6		Kurt88 104		1
20 44 33.3	+47 19 08	4955				121.7	−15.5		VB 8019-2, Aar90		1
20 44 34.5	+50 04 52	4958				121.8	−12.8		Kurt88 106		1
20 44 38.1	+53 23 20	4962	16.4	13.7	12.2r	121.9	−9.5		BC 21		1
20 44 45.4	+53 16 28	4964		13.5	9.8	121.9	−9.6		C 470, Ste, V1525 Cyg, CCCS 2929		1
20 44 48.7	+47 03 12	4959	16.4	12.7	9.9	121.8	−15.8		C 469, V2039 Cyg, VB 8019-3, Ste	R	1
20 44 52.9	+48 29 59	4961				121.8	−14.4		Kurt88 107		1
20 45 12.4	+45 42 52	4963				121.8	−17.1		Dol62, CCCS 2928		3
20 45 24.0	+38 36 23	4960				121.6	−24.3	IRAS C	Lit 159, GJBSW		1
20 45 27.5	+45 01 37	4965				121.8	−17.8		VB 8019-13, Aar90		1
20 45 45.0	+43 29 21	4966	15.2	11.6	9.0	121.8	−19.4	N(Ste)	C 213, V2040 Cyg, Ste, MaeSoy88,	R	1
20 45 47.5	+46 11 59	4968		16.4	13.0	121.9	−16.7		VB 8019-7, BC 246,Kurt88 108, Ste		1
20 45 50.8	+51 16 07	4970		13.9		122.0	−11.6		Kurt88 110, MaeSoy88		1
20 45 56.8	+47 33 45	4969				122.0	−15.3		Kurt88 109		1
20 46 07.0	+36 56 56	4967	16.0		9.5	121.7	−25.9		C 641, V1842 Cyg, CCCS 2931, Ste		1
20 46 31.2	+57 51 04	4977		14.7		122.3	−5.0		BC 274		1
20 46 33.6	+46 04 55	4971				122.0	−16.8		VB 8019-10		1
20 46 34.7	+45 54 59	6871				122.0	−16.9		Aar90		2
20 46 44.5	+46 41 16	4973				122.1	−16.2		VB 8019-6, Aar90		1
20 46 50.8	+48 11 42	4974				122.1	−14.7		Kurt88 111		1
20 46 58.3	+49 52 15	4975				122.2	−13.0		Kurt88 112		1
20 47 33.7	+47 17 24	4979				122.2	−15.6		VB 8019-4, Kurt88 113, Aar90		1
20 47 47.3	+36 14 48	4976		13.8	13.1	122.1	−26.6		Ste, V1849 Cyg		1
20 47 48.6	+47 28 56	6872			7.3J	122.3	−15.4	c	GEAS97		i
20 47 50.1	+45 33 32	4983			13.8	122.3	−17.3		VB 8019-12, Ste, Aar90		1
20 47 55.6	+43 47 21	4982			12.3	122.3	−19.1		VB 8019-21, Ste, BC 247, Aar90		1
20 47 55.8	+46 49 09	4984				122.3	−16.0		VB 8019-5, Aar90		1
20 48 05.6	+39 38 26	4981			12.4	122.2	−23.2		BC 264, Ste		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
20 48 06.9	+51 33 52	4988		12.1	7.7	122.4	−11.3	R(D); C6,4(De)	D 329,MaeSoy88,V1527 Cyg,CCCS 2934	R	1
20 48 11.2	+36 09 18	4980			12.6	122.2	−26.7		Ste		1
20 48 17.1	+44 17 03	4986				122.3	−18.6		VB 8019-25, Aar90		1
20 48 17.2	+45 31 19	4987				122.4	−17.3		VB 8019-11, Aar90		1
20 48 28.2	+49 07 16	4990				122.4	−13.7		Kurt88 116		1
20 48 28.9	+37 44 34	4985			12.4	122.3	−25.1		Ste		1
20 48 36.7	+17 50 24	4978		7.9		122.0	−45.0	R0(Van)	198269(K0), Van 85, CCCS 2933	R	0
20 48 42.0	+48 16 40	4991			12.9	122.5	−14.6		Kurt88 117, Ste		1
20 48 56.8	−19 01 09	4972		10.3		118.8	−81.9	R1(San)	198140(R0), -19:5930, CCCS 2932	R	0
20 49 02.4	+43 44 26	4992			14.1	122.5	−19.1		VB 8019-22, Ste, Aar90		1
20 49 16.2	+33 13 47	4989	13.3	8.9	6.4	122.4	−29.6	N(San);C5+,5(De)	+32:3954, MSB 41, V1862 Cyg	R	0
20 49 20.3	+46 48 16	4994	15.5	12.6	10.6	122.6	−16.1	R(Ste)	C 214, V2042 Cyg, Ste, VB 8019-34	R	1
20 49 24.9	+44 33 46	4993				122.6	−18.3		Kurt88 119		1
20 49 51.5	+47 27 21	4997				122.7	−15.4		VB 8019-37, Aar90		1
20 50 03.0	+43 01 32	4996				122.7	−19.8		VB 8019-19, Kurt88 120, Aar90		1
20 50 05.5	+37 59 57	4995			13.1	122.6	−24.9		Ste		1
20 50 13.1	+42 59 50	4998				122.7	−19.9		BC 265, VB 8019-18, Ste, Aar90		1
20 50 21.0	+45 25 00	5001	13.5	10.3	7.1	122.7	−17.5	N(San)	198681(Nb), DS Cyg, CCCS 2937	R	1
20 50 29.9	+39 32 53	4999			13.1	122.7	−23.3		BC 266, Kurt88 121, Ste		1
20 50 30.3	+41 56 05	5000			13.9	122.7	−20.9		BC 267, Kurt88 122, Ste		1
20 50 31.5	+43 20 11	5002				122.8	−19.5		VB 8019-20, Kurt88 123, Aar90		1
20 50 50.3	+42 33 28	5003			13.4	122.8	−20.3		BC 268, Ste		1
20 51 02.4	+46 54 16	5004			13.8	122.9	−16.0		VB 8019-35, Ste, Aar90		1
20 51 07.6	+47 49 48	5006	13.8	12.4	11.5r	122.9	−15.0	R0(BC)	BC 44		1
20 51 08.3	+56 48 47	5012		16.0		122.9	−6.1		BC 275		1
20 51 10.9	+46 18 49	5005			13.8	122.9	−16.6		VB 8019-33, Kurt88 124, Ste, Aar90		1
20 51 21.2	+48 20 25	5008		14.7	12.2	122.9	−14.5		Ste, BC 314, MaeSoy88(C:)		1
20 51 26.5	+43 39 23	5007			14.1	122.9	−19.2		VB 8019-23, Ste, BC 248, Aar90		1
20 51 34.0	+47 34 47	5009				123.0	−15.3		VB 8019-38, Aar90		1
20 51 48.4	+48 48 35	5013			13.7	123.0	−14.1		Ste		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
20 51 51.4	+45 03 24	5010			13.9	123.0	−17.8		VB 8019-26, Ste, BC 249, Aar90		1
20 52 02.5	−34 37 32	6873	21.3	19.7	18.0	302.0	−82.5	dC(War93)	War93		0
20 52 12.5	+42 48 08	5014			14.1	123.1	−20.1		BC 269, Kurt88 125, Ste		1
20 52 24.8	+47 29 04	5015				123.1	−15.4		VB 8019-39, Aar90		1
20 52 28.2	+47 44 30	5016		15.3	11.9	123.1	−15.1		VB 8019-40, Ste, BC 250, MaeSoy88		1
20 52 37.1	+45 20 20	5017		15.0	11.4	123.1	−17.5		McC, V2045 Cyg, VB 8019-28, Ste	R	1
20 52 43.1	+49 35 41	5019				123.1	−13.3		Kurt88 127		1
20 53 08.2	+43 48 32	5020				123.3	−19.1		VB 8019-24, Kurt88 128, Aar90		1
20 53 08.5	+40 33 16	5018				123.3	−22.3		Kurt88 126		1
20 53 09.7	+46 45 25	6874				123.2	−16.1		Aar90		2
20 53 12.2	+45 24 42	5021			15 r	123.3	−17.5		VB 8019-29, BC 251, Aar90		1
20 53 13.4	+58 19 39	5029	16.5	13.3	11.9r	123.2	−4.5	N(BC)	BC 72, Ste		1
20 53 29.7	+47 45 31	5025				123.3	−15.1		VB 8019-41, Aar90		1
20 53 30.2	+51 50 18	6875		16.2		123.3	−11.0		BC 315		1
20 53 32.3	+41 09 57	5023				123.4	−21.7		Kurt88 129		1
20 53 32.3	+01 36 59	5011	13.2			124.0	−61.3	R(Ste65)	Ste65, CCCS 2938		1
20 53 35.8	+48 55 10	5028				123.3	−14.0		Kurt88 130		1
20 53 39.3	+46 45 39	5026				123.3	−16.1		VB 8019-36		1
20 53 49.1	+45 13 06	5027			10.1J	123.4	−17.7		VB 8019-20, Kurt88 131, Aar90	R	1
20 53 51.0	+56 20 19	5031	16.9	12.3	10.7r	123.3	−6.5	N(BC)	BC 73, Ste		1
20 53 54.8	+53 43 43	5024		15.3	9.6	123.3	−9.1		C 472, V2046 Cyg, CCCS 2941		3
20 54 31.1	+39 42 38	5030				123.6	−23.2		Kurt88 132		1
20 54 37.6	+56 05 36	5038				123.4	−6.8		Lit 160, OLFHHS		1
20 54 41.9	+50 06 18	5036				123.5	−12.8		Kurt88 135		1
20 54 42.6	+08 05 34	5022	11.4	10.3		124.3	−54.8	R2(Van)	Van 86,Ste65(R),Ste(R),CCCS 2940	*R	1
20 54 47.4	+43 22 42	6876		15.9	14.0r	123.6	−19.5		BC 252		1
20 54 53.1	+45 35 51	5032			14.1	123.6	−17.3		VB 8019-31, Kurt88 133,Ste,Aar90		1
20 54 54.3	+51 18 25	5037				123.5	−11.6		Kurt88 136		1
20 54 55.1	+45 07 54	5033			12.7	123.6	−17.7		McC, CCCS 2942		1
20 55 00.8	+44 14 33	5035				123.6	−18.6		VB 8019-58, Aar90		1

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20 55 11.2	+40 29 51	5034				123.7	−22.4		Kurt88 134		1
20 55 22.6	+46 39 30	5039				123.6	−16.2		VB 8019-47, Aar90		1
20 55 32.1	+64 17 22	5053				123.4	1.4	IRAS C	Lit 161		1
20 55 36.0	+56 13 02	5043		12.8		123.5	−6.6		BC 276		1
20 55 48.2	+48 03 38	6877		12.3		123.7	−14.8		MaeSoy88		1
20 55 48.4	+45 56 37	5040				123.7	−16.9		VB 8019-52, Aar90		1
20 55 51.5	+46 59 45	5041				123.7	−15.9		VB 8019-46, Aar90		1
20 55 55.7	+47 10 42	5042				123.7	−15.7		VB 8019-45, Aar90		1
20 55 55.8	+54 44 18	5048				123.6	−8.1		Kurt88 140		1
20 56 07.8	+51 04 35	5045		13.8	10.4	123.7	−11.8		C 473, Ste, MaeSoy88, CCCS 2943	R	1
20 56 11.4	+50 18 05	5046				123.7	−12.6		Kurt88 139		1
20 56 39.0	+44 18 11	5049			14.2r	123.9	−18.6		VB 8019-57, BC 253, Aar90		1
20 56 40.1	+47 15 41	5050			12.7	123.9	−15.6		McC, VB 8019-44, CCCS 2945, Ste		1
20 56 44.0	+49 25 45	5051				123.8	−13.4		Kurt88 141		1
20 56 52.1	+50 39 33	5052				123.8	−12.2		Kurt88 142		1
20 56 53.3	+37 25 12	5044	20.5	15.5	13.4	124.1	−25.4		KurtWest 1, Pes, V1888 Cyg, Ste	R	1
20 56 59.8	+60 45 23	6878				123.6	−2.1		KurNik90		2
20 57 01.8	+49 23 49	5054				123.9	−13.5		Kurt88 143		1
20 57 09.6	+54 28 08	5057			11.7r	123.8	−8.4		C 474, V1715 Cyg, CCCS 2947	R	1
20 57 16.3	+02 58 46	6879	14.5		12.0J	125.8	−59.9	c	Fou92, U Equ		i
20 57 40.9	+15 30 08	5047			9.3	125.2	−47.3		C 743, CCCS 2944		3
20 57 46.9	+57 34 37	5068		14.8		123.8	−5.3		BC 277		1
20 57 50.0	+45 31 36	5059				124.1	−17.3		Kurt88 144		1
20 57 52.8	+44 17 16	5058				124.1	−18.6		VB 8019-54,Aar90		1
20 57 53.5	+42 45 56	5056		12.6	10.6	124.2	−20.1		C 216, V1891 Cyg, Ste, MaeSoy88	R	1
20 57 55.0	+54 15 15	5065			9.6	123.9	−8.6		C 475, CCCS 2950		3
20 58 04.6	+46 18 56	5060			9.4J	124.1	−16.5		VB 8019-51, Kurt88 145, Aar90		1
20 58 10.6	+47 56 10	5062			12.2	124.1	−14.9		McC, CCCS 2949, Ste		1
20 58 19.3	+44 51 33	5061			11.1	124.2	−18.0		McC, CCCS 2948		1
20 58 21.9	+47 27 21	5064			14.1	124.1	−15.4		Ste		1

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20 58 29.6	+46 44 00	5066			12.4	124.2	−16.1		Ste		1
20 58 31.7	+50 29 36	5070				124.1	−12.4		Kurt88 147		1
20 58 46.0	+53 50 01	5073				124.0	−9.0		Kurt88 148		1
20 58 46.4	+19 08 59	5055			7.3J	125.3	−43.7	IRAS C;c(Epc90)	Lit 162,Epc90-248		1
20 58 51.0	+40 45 59	5067				124.4	−22.1		Kurt88 146		1
20 58 57.8	+37 26 37	6880				124.6	−25.4	IRAS C	GJBSW		i
20 59 04.2	+47 36 02	5072		11.7	8.3	124.3	−15.3	C5,4(De)	C 218, McC, VB 8019-48,CCCS 2952	R	1
20 59 08.5	+44 32 36	5071			12.5	124.4	−18.3		McC, VB 8019-53, CCCS 2951, Ste		1
20 59 09.0	+27 26 24	5063		20. :		125.0	−35.4		AFGL 2686, CohKuh		1
20 59 20.3	+55 22 24	5082			9.5	124.1	−7.5		C 476, CCCS 2956		3
20 59 20.8	+45 40 06	5074		11.5	9.9	124.4	−17.2		C 217, McC,Ste,MaeSoy88,CCCS 2953	R	1
20 59 26.2	+46 19 32	5077		15.7	11.8	124.4	−16.5		McC, VB 8019-50, Ste, CCCS2954	R	1
20 59 27.5	+53 22 32	5081			13.1	124.1	−9.5		Kurt88 152, Ste		1
20 59 31.0	+44 05 54	5075				124.5	−18.7		VB 8019-55		1
20 59 33.9	+51 09 29	5079				124.2	−11.7		Kurt88 150		1
20 59 36.2	+42 54 50	5076		16.0	13.6	124.5	−19.9		VB 8019-59, Ste, BC 254, Aar90		1
20 59 36.7	+26 28 36	5069		11.4		125.2	−36.4	N;e:(Ste)	Ste85		1
20 59 41.0	+51 33 35	5083				124.2	−11.3		Kurt88 154		1
21 00 07.5	+41 41 47	5080		15.5	12.9	124.7	−21.1		BC 241, Kurt88 151, Ste		1
21 00 08.7	+44 00 34	5084			13.8	124.6	−18.8		VB 8019-56, Kurt88 153,Ste, Aar90		1
21 00 10.2	+33 43 26	5078		11.5	9.6	125.0	−29.1	R(D); C4,3(De)	D 226, C 744, CCCS 2955		3
21 00 11.3	+47 40 37	5086	15.6	11.5	8.5	124.5	−15.2	N(Ste); C6,4(De)	C 219,McC,Ste,CSV 8607,CCCS 2957	R	1
21 00 18.1	+42 57 43	5085			13.4	124.7	−19.9		VB 8019-60, Ste, Aar90		1
21 00 29.3	+46 57 10	5087			9.7J	124.5	−15.9		VB 8019-49, Aar90		1
21 00 49.3	+47 13 10	5088			10.5	124.6	−15.6		McC, CCCS 2958		1
21 01 28.1	+45 39 04	5090				124.8	−17.2		Kurt88 156		1
21 01 30.5	+53 57 20	5092		16.6	11.1	124.4	−8.9		BC 278, Ste, Kurtun		1
21 01 32.5	+38 45 24	5089				125.1	−24.1		BC 270, Kurt88 155, Lit 163		1
21 01 37.5	+60 34 22	5102		13.8		124.2	−2.3		Ste85(Cr), CCCS 2966		2
21 01 39.4	+45 08 35	5091			11.7	124.8	−17.7		McC, VB 8019-63, CCCS 2959, Ste		1

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21 01 44.4	+51 07 45	5093	16.5	13.5	9.0	124.6	−11.7		C 477, Ste, V1547 Cyg, CCCS 2960	R	1
21 02 02.5	+47 14 15	5094				124.8	−15.6		Kurt88 157		1
21 02 03.1	+48 12 55	5096				124.8	−14.6	IRAS C	Lit 164		1
21 02 12.0	+45 26 51	5095			10.0J	124.9	−17.4		VB 8019-66, Aar90		1
21 02 22.0	+60 34 45	5109			8.9	124.3	−2.3		C 745, CCCS 2966		3
21 02 22.6	+47 32 05	5098				124.8	−15.3		Lit 165, Kurt88 158	R	1
21 02 22.8	+46 07 56	5097	16.0	12.3	10.0	124.9	−16.7		C 220,V2053 Cyg,McC,Ste,MaeSoy88	R	1
21 02 43.4	+52 43 01	5104				124.7	−10.1		Kurt88 161		1
21 02 43.6	+45 39 32	5101			12.5	125.0	−17.2		McC, VB 8019-67, CCCS 2962, Ste	R	1
21 02 44.8	+45 18 28	5099				125.0	−17.5		VB 8019-65		1
21 02 45.7	+48 55 14	5103				124.8	−13.9		Kurt88 160		1
21 03 04.5	+51 25 46	5106			9.2	124.8	−11.4		+50:3255, C 290, CCCS 2965		3
21 03 09.4	+52 50 55	5111				124.7	−10.0		Kurt88 164		1
21 03 10.6	+54 14 13	5113	18.5	15.5	11.7	124.7	−8.6		BC 74, V2055 Cyg, Kurt88 166, Ste		1
21 03 15.6	+52 49 27	5112				124.7	−10.0		Kurt88 165		1
21 03 17.6	+48 56 53	5107		15.8		124.9	−13.9		Kurt88 162, MaeSoy88		1
21 03 17.9	+44 09 32	5105		15.1	12.0	125.2	−18.7		McC, V2054 Cyg, VB 8019-62, Ste	R	1
21 03 35.5	+49 59 51	5114			13.4	124.9	−12.8		Kurt88 168, Ste		1
21 03 36.0	+45 07 55	5110		13.9	11.4	125.2	−17.7		McC, V2056 Cyg, VB 8019-64, Ste	R	1
21 03 43.2	+48 20 35	5115			13.1	125.0	−14.5		Kurt88 167, Ste		1
21 03 50.1	+47 33 57	5116				125.1	−15.3		VB 8019-71, Kurt88 169		1
21 03 50.3	+38 41 09	5108				125.6	−24.1		Kurt88 163		1
21 04 02.4	+10 37 38	5100	11.7	11.4:		128.0	−52.1	R(Ste65)	+10:4455, Ste65,Ste(R),CCCS 2963		1
21 04 02.9	+48 30 54	5117				125.1	−14.3		Kurt88 170		1
21 04 03.5	+53 21 55	5127				124.8	−9.5		Kurt88 177		1
21 04 03.5	+48 30 37	5118				125.1	−14.3		Kurt88 171		1
21 04 09.6	+51 57 41	5126		16.6	12.4	124.9	−10.9		BC 279, Ste, Kurt88 178		1
21 04 13.8	+48 34 29	5122		16.1	12.2	125.1	−14.2		Kurt88 173, Ste, MaeSoy88		1
21 04 20.8	+53 20 54	5131			13. :	124.9	−9.5		Ste(Prob. C), AFGL 2699	R	2
21 04 25.6	+47 55 30	5128	15.3	13.4	12.5r	125.2	−14.9		Ste, BC 22, CCCS 2970		1

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21 04 27.0	+52 56 02	5132			13.8	124.9	−9.9		Kurt88 182, Ste		1
21 04 29.5	+45 42 55	5123			12.6	125.3	−17.1		McC, VB 8019-68, CCCS 2969, Ste	R	1
21 04 33.6	+47 51 08	5129				125.2	−15.0		Kurt88 179		1
21 04 36.7	+40 35 38	5121				125.6	−22.2		Kurt88 172		1
21 04 36.7	+43 41 10	5124				125.5	−19.1		VB 8019-61, Kurt88 175, Aar90		1
21 04 40.1	+37 16 42	5119				125.8	−25.5		BC 271		1
21 04 40.5	+47 42 51	5130				125.2	−15.1		Kurt88 181		1
21 04 45.2	+40 49 39	5125		13.8	11.1	125.6	−22.0		BC 242,Kurt88 176,V1801 Cyg,Ste		1
21 04 54.6	+51 34 41	5137		14.1	9.8	125.1	−11.2		C 478, V1548 Cyg, CCCS 2974, Ste	R	1
21 05 03.7	+46 54 43	5133			12.4	125.4	−15.9		McC, VB 8019-70, CCCS 2971, Ste	R	1
21 05 07.9	+51 48 22	5138		17.4	9.9	125.1	−11.0	C6,4(CH96)	C 479, V1549 Cyg, CCCS 2976, Ste		1
21 05 08.0	+46 43 09	5134		15.5	11.7	125.4	−16.1		McC, VB 8019-69, CCCS 2972, Ste	R	1
21 05 14.4	+45 04 33	5135		14.0	11.5	125.5	−17.7		McC, VB 8019-77, CCCS 2973, Ste	R	1
21 05 16.8	+53 47 04	5140			13.8	125.0	−9.0		Ste		1
21 05 37.8	+46 36 19	5139				125.5	−16.2		Kurt88 183		1
21 05 51.6	−00 12 43	5120		10.1	7.7	130.9	−62.9	Ne(San41)	D 147(Sp),RV Aqr,CCCS 2968	R	1
21 05 60.0	+47 52 26	5142				125.5	−14.9		Kurt88 184		1
21 06 06.4	+46 44 15	5143				125.5	−16.1		Kurt88 185		1
21 06 13.4	+40 32 30	5141	19.0	15.0	10.7	126.0	−22.2		KurtWest 2,V1802 Cyg,BC 243,Ste		1
21 06 33.7	+45 18 39	5145		12.8	10.7	125.7	−17.5		C 221, McC, VB 8019-76,CCCS 2978	R	1
21 06 34.3	+45 36 03	5146			11.8	125.7	−17.2		McC, CCCS 2979, Ste		1
21 06 51.7	+49 55 14	5149		12.9	11.1	125.5	−12.9		C 222, CCCS 2982, Ste, MaeSoy88		1
21 07 07.3	+43 59 38	5148			12.3	125.9	−18.8		McC, VB 8019-79, CCCS 2981, Ste		1
21 07 08.9	+48 09 28	5150			12.7	125.6	−14.6		McC, CCCS 2983, Ste		1
21 07 09.0	+48 25 27	5151				125.6	−14.4		Kurt88 186		1
21 07 13.0	+21 39 08	5144		10. :		127.8	−41.1	R(D)	D 148, CCCS 2977	R	3
21 07 31.4	+46 01 58	5153		13.9	11.9	125.8	−16.7		McC, VB 8019-74, CCCS 2984, Ste	R	1
21 07 32.4	+47 40 22	5154			13.1	125.7	−15.1		VB 8019-72, Ste		1
21 07 37.2	+49 11 32	5157			13.7	125.7	−13.6		Kurt88 187, Ste		1
21 07 41.6	+49 34 04	5159			13.4	125.6	−13.2		Ste		1

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21 07 43.1	+38 00 30	5152	18.0	15.0		126.5	−24.8		BC 96, KurtWest 3		1
21 07 43.6	+45 47 12	5156		11.8	10.0	125.9	−17.0		C 223, McC, VB 8019-75,CCCS 2985	R	1
21 07 47.2	+43 41 54	5155	15.4	13.0	9.7	126.1	−19.1		C 642, V2058 Cyg, Ste, VB 8019-80	R	1
21 07 49.7	+46 02 57	5158				125.9	−16.7		Kurt88 188		1
21 08 03.1	+46 31 16	5160	16.6		11.6	125.9	−16.3		McC, V2059 Cyg, CCCS 2987, Ste		1
21 08 12.0	−41 35 53	5136	15.9	14.2		290.6	−75.1		Dril72, CCCS 2975		3
21 08 26.2	+45 27 09	6881			14.5r	126.1	−17.3		BC 255		1
21 08 35.2	+48 35 29	5162				125.9	−14.2		Kurt88 189		1
21 08 39.8	+49 34 16	5164				125.8	−13.2		Kurt88 190		1
21 08 44.4	+54 42 12	5166		17.0	11.7	125.5	−8.1		BC 280, Ste		1
21 08 44.8	+47 24 07	5163	12.4	12.7	9.0	126.0	−15.4		C 224, V573 Cyg, McC, CCCS 2988	R	1
21 08 48.8	+40 22 30	5161	19.0	15.0	10.4	126.5	−22.4		KurtWest 4,V1806 Cyg,Ste,BC 244		1
21 09 07.3	+56 17 53	5168	18.5	15.2	10.8	125.4	−6.5		Kurt80a ,BC 281, Ste	R	1
21 09 15.2	+45 13 14	5165		13.6	11.4	126.2	−17.5		McC, VB 8019-78, CCCS 2989, Ste	R	1
21 09 25.2	+52 16 03	5169				125.7	−10.5		Kurt88 191		1
21 09 43.5	+54 10 30	5173	18.5	15.0	9.7	125.6	−8.6		BC 75, V2060 Cyg, Kurt88 192, Ste		1
21 09 48.6	+47 59 24	5170			12.4	126.1	−14.8		McC, CCCS 2991, Ste		1
21 09 59.0	+26 37 15	6882		8.1		128.1	−36.1	C1,1CH(Yam)	Yam		3
21 09 59.9	+52 35 57	5176				125.8	−10.2		Kurt88 194		1
21 10 00.1	+46 44 21	5171	12.5	9.7	7.7	126.2	−16.0	N(Ste);C7,4e(De)	C 225,V577 Cyg,McC,Ste,CCCS 2992	R	1
21 10 08.2	+48 00 56	5174			12.4	126.2	−14.7		McC, CCCS 2994, Ste		1
21 10 12.9	+48 33 54	5175				126.1	−14.2		Kurt88 193		1
21 10 15.6	+49 35 06	5177				126.1	−13.2		Kurt88 195		1
21 10 20.6	−53 42 14	5147	11.3	9.5		296.7	−63.2	R5(HD);C5,4(War)	201266, Hen 315, CCCS 2980		0
21 10 35.7	+53 47 41	5183		16.5	11.9	125.8	−9.0		Kurt88 197, Ste, BC 282		1
21 10 38.3	+45 58 48	5178			12.8	126.4	−16.8		McC, CCCS 2995, Ste		1
21 10 38.3	+33 22 03	5172		10.7	7.9	127.5	−29.3	N(NassSte61)	C 746, NassSte61, Ste, CCCS 2993	*R	1
21 10 44.6	+14 14 28	5167		12. :		130.0	−48.4	N?(D)	D 149, CCCS 2990		3
21 10 51.0	+53 57 15	5185		15.6	10.4	125.8	−8.8		Kurtun BC 283,Ste		1
21 10 51.6	+44 20 17	5179		13.3	11.4	126.6	−18.4		McC, V2061 Cyg, CCCS 2996, Ste	R	1

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21 10 53.9	+48 31 54	5182				126.3	−14.2		Kurt88 196		1
21 11 04.9	+50 38 38	5184		16.4	13.1	126.1	−12.1		Ste, BC 316		1
21 11 06.3	+39 12 56	5180	17.0	15.0	13.1	127.1	−23.5	R-N(BC)	BC 97, KurtWest 5, Ste		1
21 11 18.6	+38 49 13	5181	19.0	15.5		127.2	−23.9	N(BC)	BC 98, KurtWest 6		1
21 11 38.2	+51 35 56	5187			14.1	126.1	−11.1		Ste		1
21 11 42.3	+46 58 25	5186			12.4	126.5	−15.8		McC, CCCS 2997, Ste		1
21 11 53.6	+48 17 19	5188			12.0	126.4	−14.4		McC, CCCS 2998, Ste		1
21 11 57.6	+54 35 10	5190			13.0	125.9	−8.2		Ste		1
21 12 43.0	+54 51 60	5194		16.3	10.8	126.0	−7.9		BC 284, Ste		1
21 12 43.3	+39 28 09	5189	13.4:	10.2		127.4	−23.2	R(NassSte61)	NassSte61, Ste(R), CCCS 2999		2
21 12 45.4	+52 51 12	5193				126.2	−9.9		Kurt88 198		1
21 12 54.3	+44 42 52	5191	17.8		11.9	126.9	−18.0		McC, V2063 Cyg, CCCS 3000, Ste		1
21 12 59.2	+53 53 01	5197			12.6	126.1	−8.9		Kurt88 199, Ste		1
21 13 06.9	+54 18 34	5200	17.1		9.5	126.1	−8.4		C 480, V2064 Cyg, CCCS 3001, Ste		1
21 13 11.1	+40 11 25	5192	14.9	12.1	11.7	127.4	−22.5	N(BC)	BC 45, V1983 Cyg, Ste	R	1
21 13 15.8	+50 08 48	5198			12.9	126.5	−12.6		Ste		1
21 13 25.0	+53 38 08	5202				126.2	−9.1		Kurt88 201		1
21 13 30.0	+41 54 24	5195	15.9	13.0	10.1	127.3	−20.8	N(BC)	BC 46, V2065 Cyg, Ste		1
21 13 34.9	+41 29 04	5196			12.1	127.4	−21.2		Ste		1
21 13 43.3	+53 45 20	5205		17.0	12.1	126.3	−9.0		Kurt88 202, BC 285, Ste		1
21 13 50.8	+44 17 38	5201				127.2	−18.4		Kurt88 200		1
21 13 54.3	+46 55 34	5203			11.9	126.9	−15.8		McC, NSV 13615, CCCS 3002, Ste		1
21 13 59.0	+36 26 48	5199				128.0	−26.2		BC 272		1
21 14 00.1	+00 23 01	6883			14.7r	135.0	−62.0	CH(Tot98)	Tot98		2
21 14 14.8	+44 41 12	5204		15.7	9.0	127.2	−18.0		C 643, McC, V1555 Cyg, CCCS 3003	R	1
21 14 46.0	+44 17 48	5206	18.0	13.5	12.4	127.3	−18.4		BC 23, V1554 Cyg, Ste, MaeSoy88		1
21 14 50.7	+50 02 16	5208			13.8	126.8	−12.7		Ste		1
21 14 53.1	+46 37 57	5207		15.8	11.8	127.1	−16.0		McC, CCCS 3004, Ste, MaeSoy88		1
21 15 06.4	+53 48 34	5211			13.9	126.5	−8.9		Kurt88 204, Ste		1
21 15 13.0	+51 35 54	5210				126.7	−11.1		Kurt88 203		1

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21 15 16.2	+43 27 02	5209	12.4	11.7	9.1	127.5	−19.2		C 644, V701 Cyg, Ste, CCCS 3005	R	1
21 15 44.1	+48 54 03	5213			13.1	127.0	−13.8		Kurt88 205, Ste, IRAS		1
21 15 44.3	+46 00 22	5212			12.4	127.3	−16.7		McC, CCCS 3006, Ste		1
21 16 00.8	+55 22 04	5221			9.8	126.4	−7.3		C 481, Kurt88 208, CCCS 3010		1
21 16 06.9	+47 39 54	5216	15.8	11.8	9.3	127.2	−15.0		C 226, CSV 8641, McC, CCCS 3008	R	1
21 16 09.7	+44 31 27	5214				127.6	−18.1		Kurt88 206		1
21 16 13.7	+49 32 00	5219			–	127.1	−13.1		Kurt88 207		1
21 16 17.0	+44 47 35	5217			12.1	127.6	−17.9		McC, CCCS 3009, Ste		1
21 16 21.7	+48 39 55	5220		13.7	11.8	127.2	−14.0		Kurtun, Ste, BC 317, MaeSoy88		1
21 16 21.7	+42 17 21	5215	15.1	13.5	9.9	127.8	−20.3		C 645, V2066 Cyg, Ste, CCCS 3007		1
21 16 23.3	+54 38 33	5223		14.4	13.3	126.6	−8.1		BC 286, Ste		1
21 16 24.7	+51 22 40	6884				126.9	−11.3	c	OLFHHS		i
21 16 26.4	+56 56 54	5226		11.7	9.5	126.4	−5.8		C 482, Ste, CCCS 3014		1
21 16 30.3	+52 46 41	5222				126.8	−9.9		Kurt88 209		1
21 16 32.8	+41 54 37	5218	18.4	13.6	12.0r	127.9	−20.7		BC 245, V1808 Cyg, Ste		1
21 16 43.3	+53 03 29	5225				126.8	−9.6		Kurt88 210		1
21 16 50.7	+50 23 32	5224	19.8	12.6	10.5	127.1	−12.3		C 227,V2067 Cyg,Ack,CCCS 3011,Ste	R	1
21 17 06.0	+49 21 48	5229			14.1	127.2	−13.3		Kurt88 211, Ste		1
21 17 19.3	+52 03 55	5231				127.0	−10.6		Kurt88 212		1
21 17 20.8	+53 00 41	5233				126.9	−9.7		Kurt88 213		1
21 17 34.9	+55 59 36	5235		11.1	9.3	126.6	−6.7	C 7,2.5(CWWV96)	C 483, Ste, V343 Cep, CCCS 3017	R	1
21 17 40.7	+46 20 16	5232		14.8	11.8	127.6	−16.3		McC,NSV13645,CCCS3015,Ste,MaeSoy88		1
21 17 43.5	+48 24 15	5234				127.4	−14.2		Kurt88 214		1
21 18 00.8	+50 59 55	5236		16.6	12.1	127.2	−11.7		Kurtun, BC 287, Ste		1
21 18 20.0	+51 00 33	5237			13.8	127.2	−11.6		Ste		1
21 18 31.9	+51 34 19	5238				127.2	−11.1		Kurt88 215		1
21 18 35.5	+52 04 22	5241				127.2	−10.6		Kurt88 216		1
21 18 43.5	−01 32 03	5227		9.6		138.4	−63.6	R0(Ste)	202851(Ma), Van 87(R2),CCCS 3012	R	0
21 18 51.8	+46 39 43	5240			10.6	127.8	−15.9		McC, CCCS 3019		1
21 19 01.8	+44 42 03	5242				128.1	−17.9		Kurt88 217		1

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21 19 02.6	+03 14 31	5230		9.8		136.4	−58.9	R1(San)	+2:4338, D 150(R), CCCS 3016	R	0
21 19 02.7	+51 18 40	5245			14.1	127.3	−11.3		Kurt88 219, Ste		1
21 19 03.9	+45 24 04	5243		13.8	12.2	128.0	−17.2		Kurt88 218, Ste, BC 318, MaeSoy88		1
21 19 15.4	+45 43 59	5244		10.7	7.8	128.0	−16.9	N(Ste)	C 646,McC,Ste,CCCS 3020,MaeSoy88	R	1
21 19 18.9	+49 24 35	5246				127.6	−13.2		Kurt88 220		1
21 19 20.5	+52 42 09	5250		17.0	11.2	127.2	−9.9		BC 288, Ste, MaeSoy88		1
21 19 23.9	+51 14 22	5248				127.4	−11.4		Kurt88 222		1
21 19 27.5	+50 20 08	5249				127.5	−12.3		Kurt88 223		1
21 19 31.2	+53 25 42	5253			13.7	127.2	−9.2		Ste		2
21 19 36.2	+46 38 07	5247			13.6	128.0	−16.0		Kurt88 221, Ste		1
21 19 52.0	+50 45 25	5256	14.9			127.5	−11.9	N(Ste)	Ste, CCCS 3023	R	3
21 19 52.5	+48 38 56	5255				127.8	−14.0		Kurt88 224		1
21 19 55.0	+44 40 35	5252		13.3	9.7	128.2	−17.9		C 647, CCCS 3022, Ste, MaeSoy88		1
21 20 09.5	−45 01 19	5228	7.7	6.0		287.0	−71.2	N(San)	202874(Na), T Ind, CCCS 3013	R	0
21 20 09.5	+39 21 09	5251	17.2	14.3	12.9	129.0	−23.2		BC 47		1
21 20 25.4	+51 22 48	5258		16.6	13.4	127.5	−11.2		BC 289, Ste, MaeSoy88		1
21 20 25.4	+51 06 16	5257		15.3	12.8	127.6	−11.5		Kurt88 225, Ste, MaeSoy88		1
21 20 31.8	+33 07 24	5254		10.9		129.9	−29.4	N(D); C6,3e(De)	D 227, Ste(N), CCCS 3021		1
21 20 57.0	+53 58 14	5259			11.4	127.3	−8.6		Ste		1
21 21 12.9	+55 06 34	5260	18.0	14.1	12.0r	127.2	−7.5	N(BC)	BC 76, V2068 Cyg		1
21 21 26.2	+54 55 58	5261		15.1		127.3	−7.7		Kurtun, BC 290		1
21 21 30.3	+56 12 11	5263			11.1	127.1	−6.4		Kurtun, Ste		1
21 21 34.3	+59 52 17	5267		12.3:	8.3	126.7	−2.8	N(D); C5,4(De)	C 747, D 332, Ste, CCCS 3024	**R	1
21 21 36.7	+53 49 02	5262			14.4	127.4	−8.8		Ste		1
21 22 06.4	+51 41 23	5266				127.8	−10.9		Kurt88 227		1
21 22 16.5	+53 14 35	5269			13.7	127.6	−9.3		Ste		1
21 22 17.4	+44 51 49	5264	17.9	14.2	12.6r	128.7	−17.7	N(BC)	BC24,V1557 Cyg,Kurt88,Ste,MaeSoy88		1
21 22 20.9	+50 32 17	5268				127.9	−12.0		Kurt88 228		1
21 22 23.2	+57 14 17	5274				127.1	−5.4		Kurt88 231		1
21 22 25.6	+51 06 43	5270			13.1	127.9	−11.5		Kurt88 229, Ste		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
21 22 28.7	+42 23 47	5265	12.1	8.5	7.1	129.0	−20.1	N(San)	+41:4114,D 331,YY Cyg, CCCS 3025	R	0
21 22 33.1	+58 08 30	5278				127.0	−4.5		Kurtun, Nik2 14		2
21 22 46.5	+45 46 16	5271	17.4	12.8	10.1	128.6	−16.8	N(BC)	BC 25, V1558 Cyg, Ste, MaeSoy88		1
21 22 47.8	+49 35 17	5273			13.1	128.1	−13.0		Kurt88 230, Ste		1
21 22 50.2	+54 40 55	5277		17.0	11.8	127.5	−7.9		Kurt88 232, BC 291, Ste		1
21 22 54.7	+55 48 48	5279		17.0	11.5	127.4	−6.8		BC 292, Ste		1
21 22 56.8	+58 01 38	5284				127.1	−4.6		BC 167, Kurtun		1
21 22 57.3	+43 25 24	5272	15.4	13.0	11.0r	129.0	−19.1	R(BC)	BC 26, V1559 Cyg, Ste, MaeSoy88		1
21 23 12.5	+53 44 00	5282			13.9	127.7	−8.8		Ste		1
21 23 16.1	+45 51 26	5276		13.4	10.2	128.7	−16.7		C 648, CCCS 3026, Ste, MaeSoy88		1
21 23 26.8	+49 06 46	5281				128.3	−13.4		Kurtun		1
21 23 36.4	+47 47 45	5283			12.4	128.5	−14.7		Ste		1
21 23 39.5	+54 03 21	5286		15.2	10.6	127.7	−8.5		Kurtun, BC 293, Ste		1
21 23 41.7	+56 18 27	5287			11.9	127.4	−6.3		Kurt88 233, Ste		1
21 23 44.2	+42 29 14	5280	16.0	13.5	9.7	129.3	−20.0	N(BC)	BC 48, Ste, V603 Cyg, MaeSoy88	R	1
21 24 00.5	+44 08 51	5285	17.5	13.0	10.4	129.1	−18.3	N(BC)	BC 27, Ste, MaeSoy88		1
21 24 02.6	+51 27 02	5288				128.1	−11.1	IRAS C	Lit 140, NETC		1
21 24 16.7	−69 44 02	5239	8.6	7.0		298.8	−47.1	Na(HD);C7,3(War)	203133, Y Pav, HR 8156,CCCS 3018	R	0
21 24 29.5	+51 01 45	5292			12.9	128.2	−11.5		Kurt88 234, Ste		1
21 24 38.6	+44 49 03	5290		10.5	8.0	129.1	−17.7		C 649, Ste, V1560 Cyg, CCCS 3027	R	1
21 24 40.1	+57 18 48	5296		12.1	9.6	127.4	−5.3		C 484, Ste, V345 Cep, CCCS 3030		1
21 24 41.7	+44 37 14	5289		13.3	10.1	129.1	−17.8		C 651, V1563 Cyg, CCCS 3029, Ste	R	1
21 24 43.6	+43 48 26	5291		12.5	9.1	129.3	−18.7		C 650, V1561 Cyg, CCCS 3028, Ste	R	1
21 24 52.5	+56 08 38	5297			13.7	127.6	−6.4		Ste		1
21 24 53.4	+47 14 25	5293			12.8	128.8	−15.2		Ste		1
21 24 54.5	+51 45 28	5294			13.8	128.2	−10.8		Kurt88 235, Ste		1
21 25 08.4	+55 01 55	5298			12.6	127.8	−7.5		Kurtun, Ste		1
21 25 17.5	−25 08 11	5275				200.1	−82.1		BidMac		3
21 25 20.9	+53 45 20	5299			14.0	128.0	−8.8		Ste		1
21 25 31.9	+39 48 48	5295	15.1	13.3	12.3r	130.0	−22.6	N(BC)	BC 49		1

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21 25 34.7	+54 19 28	5301			13.8	127.9	−8.2		Kurt88 236, Ste		1
21 25 39.0	+59 41 27	5306			12.2	127.2	−2.9		Ste	R	1
21 25 40.5	+51 17 55	5300				128.4	−11.2		Kurt88 237		1
21 25 53.4	+57 21 49	5307				127.6	−5.2		Kurtun		1
21 25 57.0	+52 40 00	5302				128.2	−9.8		Kurtun		1
21 25 58.1	+55 46 41	5305			10.8	127.8	−6.8		Ste		1
21 26 02.0	+59 03 22	5309			10.8	127.4	−3.5		Kurtun, Ste		1
21 26 06.4	−10 13 52	6885			13.1r	150.4	−71.2		GAA98		2
21 26 23.3	+48 36 31	5304	17.8	13.0	11.0	128.9	−13.9		C 228, Ack 95-0-70, CCCS 3031,32	*R	1
21 26 29.6	+52 03 49	5308				128.4	−10.4		Kurt88 238		1
21 26 39.9	+52 19 08	5310	21.0	13.9	11.4	128.4	−10.2		Ack 95-0-72, V2070 Cyg, CCCS 3033	R	1
21 26 41.2	+53 04 37	5311		16.4	10.4	128.3	−9.4		VB 8018-1, BC 294, Ste, Aar90		1
21 26 52.3	+35 20 20	5303	15.1	11.0	9.4r	131.0	−27.0	N(BC,Ste)	BC 61, Ste, V1666 Cyg		1
21 26 54.0	+70 13 22	5322	12.0	12.2	8.2	125.9	7.6	N(D,Ste)	D 333, AX Cep, Ste, CCCS 3035		2
21 26 58.5	+50 11 54	5312		17.0	12.7	128.7	−12.3		Kurt88 239, BC 295, Ste, MaeSoy88		1
21 27 11.7	+58 13 39	5315				127.6	−4.3		BC 168		3
21 27 23.1	+51 16 55	5313				128.6	−11.2		Kurt88 240		1
21 27 34.9	+53 54 40	5316				128.3	−8.6		VB 8018-4, Aar90		1
21 27 48.1	+46 59 44	5314		15.3	12.4	129.4	−15.4		Ste, MaeSoy88		1
21 27 57.7	+53 15 27	5317				128.5	−9.2		VB 8018-5, Aar90		1
21 28 05.6	+51 59 44	5318		16.2	12.8	128.7	−10.5		VB 8018-2, BC 296, Ste, MaeSoy88		1
21 28 29.8	+51 09 32	5319				128.8	−11.3		Kurt88 241		1
21 28 35.5	+50 15 35	5320			13.9	129.0	−12.2		Ste		1
21 28 59.1	+54 41 55	5323		15.5	10.5	128.4	−7.8		VB 8018-6,Kurtun,BC 297,Ste,Aar90		1
21 29 13.3	+54 53 39	5324			13.3	128.4	−7.6		VB 8018-7, Kurt88 242, Ste,Aar90		1
21 29 14.4	+40 02 54	5321	12.9	13.0:		130.7	−22.2	R,early(Har)	Har, Ste(R), CCCS 3034		1
21 29 18.7	+54 31 18	5325	13.0			128.5	−7.9	N(Ste)	Ste, CCCS 3036		3
21 29 23.9	+56 19 51	5326			10.8	128.2	−6.2		Kurtun, Nik2 17, Ste		1
21 30 07.1	+49 25 47	5327				129.4	−13.0		Kurtun		1
21 30 12.7	+48 50 57	5328		14.9	13.1	129.5	−13.5		Kurtun, BC 298, Ste		1

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21 30 13.6	+57 31 14	5334			11.9	128.1	−5.0		Kurtun, Nik2 18, Ste		1
21 30 15.7	+58 17 41	5336			9.7	128.0	−4.2	N(BC)	BC 169, Ste		1
21 30 22.1	+56 37 12	5335			10.5	128.3	−5.8		Kurt88 244, Ste		1
21 30 34.3	+49 25 02	5332		15.7	12.1	129.4	−13.0		Kurtun, BC 299, Ste		1
21 30 37.5	+44 50 48	5329			13.8	130.2	−17.5		Ste		1
21 30 38.2	+45 06 53	5330			12.4	130.2	−17.2		Kurt88 243, Ste		1
21 30 43.1	+49 50 25	5333	19.1	12.9	10.5	129.4	−12.5		C 229, V2071 Cyg, Ack 95-0-82	R	3
21 30 45.3	+43 31 58	5331	19.0	12.7	10.9r	130.4	−18.8	N(BC)	BC 28, MaeSoy88, V1566 Cyg		1
21 30 49.2	+49 33 12	6886				129.5	−12.8	c	GEAS97		i
21 31 06.1	+53 27 27	5337	15.3			128.9	−9.0	N(Ste)	Ste, CCCS 3038		3
21 31 13.5	+54 11 18	5338				128.8	−8.2		VB 8018-8, Aar90		1
21 31 31.9	+53 03 29	5339	18.3		11.3	129.0	−9.3		C 230, Ack 95-0-83, CCCS 3039	R	3
21 31 46.4	+53 08 50	5342	17.8		11.5	129.0	−9.2		Kurtun, V2073 Cyg, VB 8018-10	R	1
21 31 46.7	+50 03 06	5340		15.4	12.6	129.5	−12.3		Kurt88 245,BC 300,Ste,KurNik89		1
21 31 47.0	+55 33 29	5345			11.5	128.7	−6.9		Kurtun, VB 8018-13, Nik2 21, Ste		1
21 31 53.4	+52 18 52	5343				129.2	−10.1		VB 8018-12, Aar90		1
21 31 53.7	+53 00 06	5344		14.8	10.9	129.1	−9.4		Kurtun, BC 301, Ste, MaeSoy88		1
21 32 01.4	+59 03 05	5352			13.3	128.1	−3.4		Ste		1
21 32 01.9	+65 21 17	6887			5.0J	127.2	2.8	c	GEAS97		i
21 32 03.3	+57 23 32	5351			11.5	128.4	−5.0		Ste		1
21 32 06.0	+46 18 01	5341	14.0	12.6	11.8r	130.2	−16.0	R(BC)	BC 29		1
21 32 13.3	+55 04 38	5350			10.4	128.8	−7.3		VB 8018-14, Kurtun, Ste, Aar90		1
21 32 15.9	+54 00 50	5349			11.9	129.0	−8.4		VB 8018-9, Ste, Aar90		1
21 32 39.3	+55 06 02	5354			10.0	128.9	−7.3		VB 8018-15, Kurtun, Ste, Aar90		1
21 32 43.8	+41 15 34	5346	15.8	13.2	11.9r	131.2	−20.9		BC 30		1
21 32 44.2	+56 21 19	5356				128.7	−6.1		Kurt88 247		1
21 32 45.9	+55 00 43	5355				128.9	−7.4		Kurt88 246		1
21 32 48.4	+43 52 14	5348		13.4	13.4	130.8	−18.4		Ste, MaeSoy88		1
21 33 08.2	+54 15 48	5357				129.1	−8.1		VB 8018-16, Kurt88 248, Aar90		2
21 33 14.2	+43 55 13	5353	13.4	10.6	6.8	130.8	−18.3	N(D); C5,5(De)	D 334, V624 Cyg, C 652,CCCS 3040	R	1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
21 33 23.0	+56 44 35	6888				128.7	−5.7	c	VKL92,OLFHHS,GJB93,AFGL 5625S		i
21 33 40.9	+52 36 41	5360	14.2			129.4	−9.7		Ste, CCCS 3042		3
21 33 46.7	+48 24 04	5359		15.3	13.1	130.1	−13.9		BC 302, Ste		1
21 33 52.2	+52 59 39	5361			13.2	129.4	−9.3		VB 8018-18,Kurt88 249,Ste,Aar90		1
21 33 59.7	+55 51 19	5362				128.9	−6.5	IRAS C	Lit 167		1
21 34 06.6	+39 04 23	5358		11.0	8.7	131.9	−23.1	N(D); C7,2e(De)	D 228, V1426 Cyg, CCCS 3041		2
21 34 15.4	+56 18 11	5363			11.8	128.9	−6.1		Ste		1
21 34 25.8	−18 51 48	5347		11.4		175.3	−77.1	R(Ste)	Ste, BidMac		1
21 34 28.1	+57 01 54	5364		12.5	10.1	128.8	−5.4		C 485, Ste, CCCS 3043		1
21 34 52.5	+52 48 32	5365				129.6	−9.5		Kurt88 250		1
21 34 54.0	+58 36 18	5368		9.3:	10.1	128.6	−3.8		C 486, Ste, CCCS 3044		1
21 35 03.4	+55 28 06	5367				129.1	−6.9		Kurtun		2
21 35 12.8	+78 37 28	5406	15.6	9.4	5.3	125.2	15.9	N(San)	206362(Nc), S Cep, CCCS 3055	R	0
21 35 15.7	+53 57 02	5370				129.4	−8.4		Kurtun, Aar90		1
21 35 17.7	+51 20 45	5366				129.9	−10.9		VB 8018-21, Aar90		1
21 35 19.6	+52 45 37	5369				129.6	−9.5		VB 8018-19, Kurt88 251, Aar90		1
21 35 22.3	+60 54 13	5371	12.6	10.3	7.3	128.2	−1.5	N(San)	205777(N), LU Cep, CCCS 3045	**R	0
21 35 55.2	+55 27 48	5372			10.4	129.3	−6.9		VB 8018-32, Nik2 22, Ste		1
21 36 00.3	+59 08 32	5376			11.5	128.6	−3.2		Kurtun, Ste		1
21 36 19.1	+51 54 20	5373				129.9	−10.4		Kurt88 252		1
21 36 26.7	+51 00 49	5374				130.1	−11.2		VB 8018-22, Aar90		1
21 36 30.2	+55 16 02	5377				129.4	−7.0		Kurtun, Nik2 23		2
21 36 34.6	+54 30 46	5378	18.7		10.9	129.5	−7.8		C 231, Ack 95-0-92, CCCS 3046	R	1
21 36 37.9	+48 42 44	5375		14.4	11.2	130.6	−13.5		BC 303, Ste		1
21 36 41.2	+57 06 59	5380				129.1	−5.2		Kurt88 254		1
21 37 09.0	+58 29 46	5383		11.7	9.9	128.9	−3.8		C 487, Ste, CCCS 3049		1
21 37 11.3	+46 30 33	5379		11.6	9.2	131.1	−15.6		C 653, CCCS 3047, Ste, MaeSoy88		1
21 37 13.2	+54 47 04	5382			11.7	129.6	−7.5		VB 8018-31,Kurt88 255,Ste,Aar90		1
21 37 15.8	+58 58 12	5385				128.8	−3.4		Kurtun		2
21 37 19.4	+52 31 59	5381	12.7			130.0	−9.7	N(Ste)	Ste, CCCS 3048		3

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21 37 23.5	+63 11 20	5392				128.1	0.8	N(BC)	BC 170		1
21 37 37.9	+56 28 22	5388			13.3	129.3	−5.8		Kurt88 256, Ste		1
21 37 41.4	+51 36 10	5384				130.2	−10.6		VB 8018-20, Aar90		1
21 37 43.8	+54 06 02	5387	14.5			129.8	−8.2	N(Ste)	Ste, CCCS 3051		3
21 37 47.0	+57 06 18	5389				129.2	−5.2		Kurt88 257		1
21 37 52.8	+59 40 10	5393				128.8	−2.7		Kurt88 258		1
21 37 57.7	+48 08 07	5386	13.4		9.9	130.9	−14.0		C 654, V637 Cyg, CCCS 3050, Ste		1
21 38 18.4	+55 55 32	5395			12.0	129.5	−6.3		Ste		1
21 38 19.7	+50 04 29	5391		14.1		130.6	−12.1		Kurtun, BC 304		1
21 38 28.2	+57 08 20	5397			13.3	129.3	−5.1		Kurt88 260, Ste		1
21 38 31.4	+45 42 49	5390		11.3	9.9	131.5	−16.4		C 655, V1568 Cyg, CCCS 3052, Ste	R	1
21 38 36.6	+48 54 57	5394				130.9	−13.2		Kurt88 259		1
21 38 42.2	+57 30 26	5401				129.3	−4.8		Kurt88 261		1
21 38 54.1	+46 45 60	5396	15.4	11.7	9.2	131.3	−15.3		C 656, Ste, V1731 Cyg, CCCS 3053	R	1
21 38 59.9	+49 50 08	5398		14.3	12.1	130.7	−12.3		Kurtun, BC 305, Ste		1
21 39 08.3	+50 40 16	5400		14.0		130.6	−11.5		BC 306		1
21 39 10.6	+57 06 47	5403			11.9	129.4	−5.2		Kurt88 262, Ste		1
21 39 12.3	+45 54 27	5399				131.6	−16.2	IRAS C	Lit 168, GJBSW		1
21 39 18.0	+65 46 46	5414		11.7	7.4	127.8	3.4	N(Ste)	Bid80, IRC +70172, Ste85		1
21 39 29.1	+58 09 24	5405				129.3	−4.1		Kurt88 263		1
21 39 29.7	+50 09 29	5402	19.0	16.5	10.5	130.8	−12.0		BC 77, KurtWest 7, Ste		1
21 39 33.2	+50 56 26	6889				130.6	−11.2	3.1	GJG94		i
21 39 35.3	+57 51 52	5407			13.3	129.3	−4.4		Kurt88 264, Ste		1
21 39 47.2	+58 11 47	5410				129.3	−4.1		Kurt88 266		1
21 40 00.6	+58 11 39	5412				129.3	−4.1		Kurt88 267		1
21 40 03.8	+57 42 16	5413				129.4	−4.6		Kurt88 268		1
21 40 06.0	+59 35 43	5415		12.3		129.1	−2.7		BC 171(C:), V491 Cep, IRC +60322		1
21 40 07.9	+51 47 40	5409			11.7	130.6	−10.4		VB 8018-23,Kurt88 265,Ste,Aar90		1
21 40 12.6	+45 27 17	5404	14.8	13.5	8.3	131.8	−16.6		C 657, V644 Cyg, CCCS 3054, Ste	+R	1
21 40 39.7	+46 19 45	5411		12.0	9.2	131.7	−15.7		C 658, V1572 Cyg, CCCS 3057, Ste	R	1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
21 41 11.4	+46 31 05	5416		13.8	9.9	131.8	−15.5		C 659, V1732 Cyg, CCCS 3059, Ste	R	1
21 41 18.6	+48 58 56	5417		13.3	10.7	131.3	−13.1		BC 307, Ste		1
21 41 36.7	+56 26 11	5419				129.9	−5.8		Kurtun		1
21 41 38.9	+43 21 59	6890		16.5:		132.5	−18.6		MaeSoy88(C:)		1
21 42 01.1	+35 30 37	5418		6.1	3.9	134.4	−26.2	N1(Sh);C6,3(Yam)	206570(Nb), DS Peg = V460 Cyg	R	0
21 42 08.8	+53 22 34	5421				130.5	−8.7		Kurt88 269		1
21 42 16.1	+54 38 43	5423	19.7		11.1	130.3	−7.5		Ack, VB, Kurt88, CCS 3062, Ste	R	1
21 42 29.9	+55 39 00	5426			11.4	130.1	−6.5		VB 8018-33, Kurtun, Ste, Aar90		1
21 42 36.4	+44 56 37	5422	17.2	12.1	10.5r	132.4	−17.0		BC 31, Ste, V1571 Cyg, MaeSoy88		1
21 42 58.6	+41 55 54	5424	15.7	13.2	11.9r	133.1	−19.9	N(BC)	BC 32		1
21 43 02.0	+82 58 10	5476		13.5		124.6	20.3		Ste85		1
21 43 11.1	+55 31 31	5430				130.3	−6.6		VB 8018-34		1
21 43 11.9	+53 29 29	5428			11.2	130.7	−8.6		VB 8018-28, Kurtun, Ste, Aar90		1
21 43 16.3	+38 01 03	5425	10.8	7.1	4.5	134.1	−23.7	N5(Sh);C6,4(Yam)	206750(N), RV Cyg, CCCS 3063	R	0
21 43 20.0	+51 45 15	5429			13.8	131.1	−10.3		VB 8018-24,Kurt88 271,Ste,Aar90		1
21 43 21.3	+57 30 17	5432			12.3	129.9	−4.7		Kurt88 272, Ste		1
21 43 21.7	+48 55 35	5427	13.8		8.2	131.6	−13.1		C 660, V1574 Cyg?,Ste, CCCS 3064		1
21 43 33.9	+49 09 00	5431		13.3	9.9	131.6	−12.8		C 661, V2074 Cyg, CCCS 3065, Ste		1
21 43 57.0	+54 10 58	5433			11.5	130.6	−7.9		VB 8018-37, Kurt88 273,Ste,Aar90		1
21 43 57.2	+58 35 46	5434				129.7	−3.6	IRAS C	Lit 169		1
21 44 28.4	+62 36 53	5436		10.9		129.0	0.4	R(D)	D 337, Perr59, Ste, CCCS 3066	*	1
21 44 28.6	+73 38 01	5452		10.4	6.6	126.7	11.2	N(D,Ste)	D 338, Ste, PQ Cep, AFGL 2805	R	1
21 44 31.2	−65 03 34	5408		10.2		294.1	−51.1	R0(HD);C1,4(War)	206382,BU Ind,Hen 319,CCCS 3056		0
21 45 34.0	+56 23 45	5439			13.4	130.4	−5.7		Ste		1
21 45 34.8	+52 09 19	5437			12.1	131.3	−9.8		VB 8018-25, Ste, Aar90		1
21 45 36.0	+53 46 13	5438			8.2J	131.0	−8.3		VB 8018-40, Aar90		1
21 45 40.2	+56 07 22	5440			13.4	130.5	−6.0		Ste		1
21 45 52.6	+54 06 55	5441	15.1	10.7	9.1	130.9	−7.9		C 232, Ack 95-0-118, CCCS 3067	R	1
21 45 54.0	+59 03 36	5443		13.0	9.5	129.9	−3.1		C 488, Ste, CCCS 3068		1
21 46 00.2	+55 19 48	5442			12.4	130.7	−6.7		VB 8018-36, Ste, Aar90		1

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21 46 17.6	−65 18 28	5420	10.9	9.0		293.9	−50.8	Na(HD);C6II(GCVS)	206652, RR Ind,Hen 320,CCCS 3061		0
21 46 21.5	+55 33 04	5444				130.7	−6.5		VB 8018-35, Aar90		1
21 46 29.3	+59 01 21	5449			10.8	130.0	−3.1		Kurtun, Nik2 24, Ste		1
21 46 38.0	−07 53 02	6891			15.1r	159.7	−66.7		GAA98(C:)		2
21 46 38.6	+52 34 02	5447	13.5	11.4	7.1	131.4	−9.4	R(D);C5-,4(GCVS)	D 339, C 233, LQ Cyg, CCCS 3069	R	1
21 46 39.0	+55 50 59	5448			12.3	130.7	−6.2		Ste		1
21 46 40.5	−08 41 10	6892			15.1r	160.8	−67.4		GAA98(C:)		2
21 46 41.1	+57 00 10	5450			11.4	130.4	−5.1		Kurt88 274, Ste		1
21 46 45.9	+50 04 03	5446				132.0	−11.8	IRAS C	Lit 170		1
21 46 54.7	−18 18 14	5435		11.4		181.2	−74.5	vwkR(Ste)	Ste85		1
21 46 58.3	+53 50 33	5451			9.0J	131.2	−8.1		VB 8018-39, Aar90		1
21 47 00.7	+43 47 47	5445	15.2	12.4	11.1r	133.4	−17.9		BC 33, MaeSoy88		1
21 47 15.2	+56 23 46	5454			11.1	130.6	−5.6		Ste		1
21 47 35.7	+52 58 48	5455			13.6	131.4	−9.0		VB 8018-27,Kurt88 275,Ste,Aar90		1
21 47 36.1	+59 32 27	5457			12.5	130.0	−2.6		Ste		1
21 47 43.8	+45 53 51	5453	13.9	12.1		133.1	−15.9		C 662, V659 Cyg, Ste, CCCS 3071	R	1
21 47 57.2	+57 57 51	5458				130.4	−4.1		Kurt88 276		1
21 48 09.4	+77 51 31	5483		13.0		126.0	15.3		Ste85		1
21 48 10.8	+43 47 19	5456		14.4		133.6	−17.9		BC 308, MaeSoy88		1
21 48 24.9	+58 00 52	5460		13.7	12.5	130.4	−4.0		Kurt88 277, V493 Cep, Ste		1
21 48 43.9	+55 41 03	5461				131.0	−6.3		VB 8018-47,Aar90		1
21 48 45.0	+51 54 01	5459				131.9	−10.0		VB 8018-43, Aar90		1
21 49 22.7	+55 40 06	5463				131.1	−6.3		VB 8018-63, Aar90		1
21 49 27.0	+53 23 13	5462				131.6	−8.5		Kurt88 278		1
21 49 31.1	+53 35 34	5464			10.8	131.6	−8.3		VB 8018-41, Kurtun, Ste, Aar90		1
21 49 50.7	+55 20 05	5466			11.7	131.2	−6.6		VB 8018-48, Ste, Aar90		1
21 49 53.2	+55 05 01	5467				131.3	−6.8		VB 8018-50, Aar90		1
21 49 55.3	+55 10 30	5468				131.3	−6.7		VB 8018-49, Aar90		1
21 50 04.7	+60 55 34	5473			10.7	130.0	−1.1		Ste		1
21 50 14.9	+47 48 03	5465	12.4	10.5	7.7	133.0	−13.9	N(Har);C6-,4(De)	D340(R),V671 Cyg,CCCS3072,MaeSoy88	R	1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
21 50 18.1	+52 38 14	5469			8.7	131.9	−9.2	LR or N(Har)	C 234, Har, CCCS 3073, Ste		1
21 50 21.4	+56 53 10	5472				130.9	−5.1		Kurt88 279		1
21 50 33.3	+51 20 21	5471			11.7	132.3	−10.5		VB 8018-42, Ste, Aar90		1
21 50 34.5	+54 50 29	5474				131.4	−7.0		VB 8018-51, Aar90		1
21 50 38.1	+58 24 56	5475			12.6	130.6	−3.6		Kurt88 280, Ste		1
21 50 38.5	+49 16 40	5470				132.8	−12.5		Kurtun		1
21 50 45.0	+53 15 28	6893			7.8J	131.8	−8.6	c	NETC,VKL92,OLFHHS,GEAS97		i
21 50 50.2	+59 51 49	5478				130.3	−2.2		Kurtun, Nik2 25		2
21 51 21.6	+54 25 09	5479	17.4			131.7	−7.4		Ack 95-0-129, CCCS 3075		3
21 51 27.5	+49 44 55	5477	13.7			132.8	−12.0		NassCam, V674 Cyg, CCCS 3074,Ste		1
21 51 33.4	+59 53 12	5482			12.8	130.4	−2.1		Kurt88 281, Ste		1
21 51 47.1	+55 05 20	5481	15.9		7.9	131.6	−6.8		C 235, V1398 Cyg, CCCS 3076	R	1
21 52 09.6	+47 49 15	5480		16.5:	10.1	133.4	−13.8		C 664, V1428 Cyg, CCCS 3077, Ste	R	1
21 52 28.8	+47 23 14	5484	14.0	10.8	7.8	133.5	−14.2	N(Har); C4,3(De)	D 341(R),C 665,Har,Ste,CCCS 3078	R	1
21 52 37.8	+52 50 45	5485				132.2	−8.9		VB 8018-44, Kurtun, Aar90		1
21 52 38.7	+59 33 23	5488			11.4	130.6	−2.4		Kurt88 282, Ste		1
21 52 38.9	+54 17 47	5486				131.9	−7.5		Kurt88 283		1
21 52 56.6	+53 29 33	5487	16.3	12.3	9.1	132.1	−8.3		C 236, V1399 Cyg, CCCS 3079, Ste	R	1
21 53 05.8	+54 11 19	5489			11.7	132.0	−7.6		VB 8018-46, VB 8020-22, Ste	R	1
21 53 32.6	+59 23 03	5490			12.3	130.8	−2.5		Kurtun, Ste		1
21 54 00.9	+55 13 48	5491				131.8	−6.6		VB 8020-23, Aar90		1
21 54 26.7	+57 53 40	5493			11.4	131.2	−4.0		Kurtun, VB 8020-30, Nik2 26, Ste		1
21 54 34.3	+52 48 23	5492			13.1	132.5	−8.9		VB 8018-60,Kurt88 285,Ste,Aar90		1
21 54 56.2	+58 59 07	6894				131.0	−2.9	c	GEAS97		i
21 54 58.6	+69 30 36	5507		13.4		128.5	7.3		Ste		1
21 55 05.2	+54 29 02	5495	12.4	10.1	6.0	132.2	−7.2	Nb(HD)	235661,GEAS97V413 Cyg,CCCS 3081	R	0
21 55 06.9	+54 11 23	6895				132.2	−7.5		Aar90		1
21 55 10.8	+59 25 04	5498			12.3	131.0	−2.5		Ste		1
21 55 13.8	+50 29 50	5494	12.3	9.8	9.9	133.2	−11.1	Nlate(Har)	208512(Nc), LW Cyg, CCCS 3080	R	0
21 55 17.6	+58 19 16	5499				131.3	−3.5		VB 8020-31, Kurt88 286, Aar90		1

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21 55 22.4	+52 53 24	5497		11.7	9.1	132.6	−8.8		C 237, V1502 Cyg, Ste, CCCS 3083	R	1
21 55 28.8	+63 56 24	5508				129.9	1.9		Dol71b,CCCS 3087		1
21 55 34.6	+59 55 08	5502			10.1	130.9	−2.0		C 489, CCCS 3085, Ste		1
21 55 41.7	+52 24 30	5500	18.0	14.0	12.0r	132.8	−9.2	N(BC)	BC 62, KurtWest 8		1
21 55 44.8	+57 39 22	5503			10.8	131.5	−4.1		C 238, VB 8020-28, CCCS 3086,Ste		1
21 55 44.9	+54 15 03	5501			13.1	132.3	−7.4		VB 8018-53,VB 8020-21,Ste,Aar90	R	1
21 55 45.1	+58 16 51	5505				131.3	−3.5		Kurt88 288		1
21 56 09.7	+58 42 20	5506			12.6	131.3	−3.1		Kurt88 289, Ste		1
21 56 13.3	+63 04 38	5510	12.0:	12.5:		130.2	1.1		Krum, BC 172(N),Ste(R),CCCS 3090	R	1
21 56 15.7	+61 10 42	5509			10.7	130.7	−0.7		Ste		1
21 56 22.1	+22 51 46	5496	9.7	7.7	6.0	141.9	−37.6	N3(Sh)	208526(Nb), RX Peg, CCCS 3082	R	1
21 56 34.0	+41 41 08	5504	13.0			135.8	−19.6	R0(Har)	Har, Ste(R), CCCS 3084		1
21 56 41.5	+57 30 47	5511			13.7	131.6	−4.3		VB 8020-27,Kurt88 290,Ste,Aar90		1
21 56 48.0	+58 38 22	5513			13.7	131.4	−3.2		VB 8020-32,Kurt88 291,Ste,Aar90		1
21 56 59.6	+71 24 06	5529		12.5		128.2	9.2		Ste85		1
21 56 59.7	+56 11 22	5514	16.4		10.3	132.0	−5.5		C 239, NZ Cep, VB, CCCS 3088,Ste	R	1
21 57 09.8	+49 54 35	5512			9.9	133.6	−11.6		C 666, CCCS 3089		3
21 57 22.9	+60 07 35	5518			12.6	131.1	−1.7		Ste		1
21 57 25.8	+57 42 09	5517			12.8	131.7	−4.0		VB 8020-29,Kurt88 292,Ste,Aar90		1
21 57 26.1	+60 53 06	5521			10.4	130.9	−1.0		BC 173, Ste		1
21 57 30.1	+54 40 55	5516			13.1	132.5	−7.0		VB 8018-54,VB 8020-20,Ste,Aar90		1
21 57 32.9	+53 47 50	5515		13.0	9.1	132.7	−7.8		C 240, Ste, CCCS 3091		1
21 57 35.3	+61 46 04	5523		13.5	9.5	130.7	−0.1		C 490, CCCS 3094, Ste		1
21 57 44.1	+57 21 26	5522			12.2	131.8	−4.4		VB 8020-25, Kurtun, Ste, Aar90		1
21 57 50.0	+54 54 00	5520		12.8	10.1	132.5	−6.7		C 241, V1409 Cyg, CCCS 3092, Ste	R	1
21 57 55.8	+52 52 19	5519			12.0	133.0	−8.7		VB 8018-58, Ste, Aar90		1
21 58 23.3	+49 38 40	5524		12.0	9.8	133.9	−11.8		C 667, V1410 Cyg, CCCS 3093		3
21 58 26.1	+53 24 14	5526	14.0	12.0	9.9	132.9	−8.2		C 242, MQ Cyg, CCCS 3095, AS 480	R	1
21 58 28.7	+51 05 31	5525			11.7	133.5	−10.4		VB 8018-61, Kurtun, Ste, Aar90		1
21 58 29.5	+63 50 04	5536		11.7		130.2	1.9	N(BC)	BC 174, Ste		1

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21 58 29.7	+58 58 06	5530				131.5	−2.8		Kurtun, Nik2 27		2
21 58 29.9	+59 24 53	5532			10.8	131.4	−2.4		Ste		1
21 58 32.4	+57 29 19	5528			13.5	131.9	−4.2		VB 8020-26,Kurt88 293,Ste,Aar90		1
21 58 41.0	+58 29 13	5533			7.8J	131.6	−3.2		Kurtun, Nik2 28, Aar90		2
21 58 50.9	+58 57 35	5535			12.1	131.5	−2.8		Kurtun, Ste		1
21 58 53.0	+53 22 21	5531			12.4	133.0	−8.2		VB 8018-57, Ste, Aar90		1
21 58 53.4	+55 30 24	5534	15.4	11.0	9.9	132.4	−6.1	R(Ste)	C 243, Ste, IS Cep, CCCS 3096	R	1
21 58 58.1	+58 28 16	5537			10.7	131.7	−3.2		VB 8020-34, Kurtun, Ste		1
21 59 03.6	+76 48 38	6896	18.8	14.1	11.0r	126.9	14.5		Po78		3
21 59 05.3	+59 04 27	5539				131.5	−2.7		Kurt88 294		1
21 59 05.9	+45 39 02	5527		14.6		135.1	−15.6		BC 309		1
21 59 14.2	+58 36 56	5540			12.3	131.7	−3.1		VB 8020-33,Kurt88 295,Ste,Aar90		1
21 59 15.4	+59 04 37	5541			13.5	131.6	−2.7		Kurt88 296, Ste		1
21 59 38.2	+63 26 60	5546				130.5	1.6	N(BC)	BC 175		1
21 59 41.0	+53 51 12	5543			12.8	133.0	−7.7		VB 8018-56,VB 8020-16,Ste,Aar90		1
21 59 47.7	+50 38 13	5542	17.0	16.0		133.9	−10.8		KurtWest 9		1
21 59 48.7	+60 20 54	5545			13.4	131.3	−1.4		Kurt88 297, Ste		1
21 59 48.7	+44 18 39	5538		14.2		135.6	−16.9		BC 310, AbrGig90		1
22 00 05.8	+54 50 13	5544				132.8	−6.7		VB 8018-55, VB 8020-18, Aar90	R	1
22 01 17.5	+54 32 35	5548		14.3	11.5	133.0	−7.0		C 244, V1415 Cyg, CCCS 3097, Ste	R	1
22 01 31.2	+62 08 56	5554				131.0	0.4		BC 176		1
22 01 47.2	+52 58 22	5551			10.2	133.5	−8.4		C 668, CCCS 3099, Ste		1
22 01 51.3	+50 48 53	5550			12.4	134.1	−10.5		Kurtun, Ste		1
22 01 56.0	+59 59 38	5556			11.5	131.6	−1.7		Kurtun, Ste		1
22 01 58.1	+31 53 01	5547				140.0	−28.6		Kurt80a 5	R	2
22 02 04.4	+53 54 12	5553	15.7	12.8	10.4	133.3	−7.5	N(BC)	VB 8020-15, Ste, BC 215		1
22 02 13.5	+52 10 38	5555	15.5	13.5	11.4	133.8	−9.2	N(BC)	KurtWest 10, Ste, BC 216		1
22 02 19.6	+43 34 48	5552	13.8	11.3		136.3	−17.4	R(D); C6-,3(De)	D 344, BK Lac, Ste, CCCS 3100		1
22 02 27.1	+53 51 19	5557	15.6	13.0	9.7	133.4	−7.6	N(Ste)	C 245, V1420 Cyg, Ste, CCCS 3098	R	1
22 02 28.4	+59 27 09	5558			11.1	131.9	−2.2		Kurtun, Nik2 29, Ste		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
22 02 54.0	+53 21 47	5559			11.9	133.6	−8.0		Ste		1
22 03 04.9	+59 25 60	5562			9.9	131.9	−2.2		C 491, Kurtun, CCCS 3103, Ste	R	1
22 03 09.7	+59 28 46	5564			11.6	131.9	−2.1		Ste	R	1
22 03 19.6	−16 37 34	5549	10.5	11.7		184.4	−70.3	R(Ste)	U Aqr, Ste	R	1
22 03 21.1	+62 18 04	5565		11.8	9.8	131.2	0.6		C 492, V508 Cep, CCCS 3105		3
22 03 27.8	+45 34 07	5560	12.2	10.2	8.7r	135.9	−15.5	N(San)	209596(Na), V378 Lac, D 345(R)1	R	0
22 03 38.0	+49 47 03	5563	14.7	11.1	9.4	134.7	−11.4		C 669, PQ Lac, CCCS 3104		3
22 04 04.3	+59 48 34	5567			11.1	132.0	−1.8		Ste		1
22 04 23.7	+57 27 36	5568		15.1	13.0	132.6	−4.0		Kub, VB 8020-36, CCCS 3106, Ste		1
22 04 25.1	+21 03 09	5561		8.8		144.9	−38.7	R3(Sh)	209621(R3), +20:5071, HP Peg	R	0
22 04 26.5	+62 06 17	5569		12.0	9.5	131.4	0.4		C 493, V510 Cep, BC 177, Ste	R	1
22 04 54.9	+25 09 03	5566		8.1:		143.3	−34.8	R(Ste)	Ste85	R	1
22 04 57.6	+59 52 03	5572			13.4	132.0	−1.7		Ste		1
22 05 10.3	+54 01 03	5571				133.7	−7.3		VB 8020-13, Aar90		1
22 05 19.5	+56 27 23	5573		15.1	13.0:	133.1	−5.0		Kub, VB 8020-38, CCCS 3109, Ste	R	1
22 05 42.1	+60 03 13	5576			11.4	132.1	−1.5		Ste		1
22 05 45.1	+53 27 31	5574			12.4	134.0	−7.8		Kurtun, Ste		1
22 05 53.0	+33 30 25	5570	9.0	7.6	7.8	140.3	−26.8	Ne(San); C-S	209890(Pec), RZ Peg, CCCS 3107	R	0
22 06 03.2	+61 39 23	5578			11.1	131.7	0.1		Kurt88 300, Ste		1
22 06 06.7	+52 51 14	5575		12.4	9.9	134.2	−8.4		C 670, NSV 14032, CCCS 3110		3
22 06 18.8	+61 00 55	5580			12.4	131.9	−0.5		Kurt88 331, Ste		1
22 06 33.9	+56 59 01	5579			12.8	133.1	−4.4		VB 8020-37, Ste, Aar90		1
22 06 38.7	+58 10 36	5581			12.4	132.7	−3.3		VB 8020-35, Ste, Aar90		1
22 06 39.9	+48 27 07	5577	10.6	9.1	7.7	135.6	−12.6	R(D); C6-,4(De)	D 346,CT Lac,C 671,Ste,CCCS 3111	R	0
22 06 40.4	+60 10 17	5582			9.7	132.2	−1.3		C 494, CCCS 3112		3
22 07 14.8	+58 44 37	5583			12.8	132.6	−2.7		Ste		1
22 07 41.8	+62 47 28	5586				131.5	1.2	R-N(BC)	BC 178		1
22 07 56.1	+54 32 06	5585			12.2	134.0	−6.7		VB 8020-12, Ste, Aar90		1
22 08 20.2	+53 35 15	5587	16.5	13.0	10.5	134.3	−7.6	N(BC)	Kurtun, Ste, BC 217		1
22 08 38.0	+63 29 26	5591				131.4	1.9		Dol71b, CCCS 3114		3

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
22 08 43.6	+61 12 14	5590			9.1	132.1	−0.3		Kurt88 302, Ste		1
22 08 58.8	+54 34 21	5589			11.9	134.1	−6.6		VB 8020-11, Ste, Aar90		1
22 09 05.4	+50 27 59	5588		12.5	10.4	135.4	−10.5		C 672, PU Lac, CCCS 3113, Ste	R	1
22 09 06.2	+59 52 04	5593				132.5	−1.5		Kurt88 303		1
22 09 09.1	+60 57 28	5594			9.2	132.2	−0.5		C 495, CCCS 3115		3
22 09 28.5	+59 38 08	5595			11.4	132.7	−1.8		Kurtun, Ste		1
22 09 30.7	+52 11 05	5592				134.9	−8.9		Kurtun		1
22 09 33.6	−17 32 35	5584				189.0	−69.6		-18:6080, BidMac		3
22 09 56.5	−09 16 07	6897			12.8r	172.7	−64.3		GAA98		2
22 10 08.5	+51 40 01	5596	17.0	13.8	10.2	135.1	−9.3		C 673, IW Lac, Ste, CCCS 3116		1
22 11 32.0	+54 57 40	5597			12.4	134.3	−6.1		Ste		1
22 12 02.2	+56 00 26	5599				134.1	−5.1		VB 8020-39, Kurt88 304, Aar90		1
22 12 26.5	+46 45 39	5598			9.3	137.1	−13.9		C 748, CCCS 3117		3
22 12 28.3	+54 12 41	5600	16.0		10.9	134.7	−6.8		Kurtun, VB 8020-10, KQ Cep, Ste	R	1
22 12 29.8	+55 44 60	5601		12.0	9.4	134.2	−5.3		C 246, Kub, Ste, CCCS 3118	R	1
22 12 31.3	+60 22 56	5602			9.8	132.8	−0.9		C 496, CCCS 3119, Ste		1
22 12 50.2	+61 11 45	5604				132.6	−0.1		Kurtun		1
22 12 57.3	+56 10 39	5603			9.6J	134.2	−4.9		VB 8020-40, Kurt88 305, Aar90		1
22 13 02.6	+58 31 57	5606		14.3	11.4	133.4	−2.7		Kub, CCCS 3120, Ste		1
22 13 09.5	+67 35 38	5610	13.6			130.6	6.0	C-S:(Ste)	Ste85, BL Cep(M5)	+	1
22 13 18.7	+53 50 38	5605				134.9	−7.1		Kurtun, Nik2 32		2
22 13 38.9	+59 25 28	5607			10.7	133.2	−1.8		Kurtun, Ste		1
22 13 39.4	+61 03 48	5608			11.4	132.7	−0.2		Kurtun, Ste		1
22 13 50.8	+59 08 13	5609			11.7	133.3	−2.1		Kurt88 306, Ste		1
22 14 23.6	+56 23 39	5612		14.0	8.7	134.3	−4.6		MacCon67, Kub, CCCS 3121	R	1
22 14 25.8	+60 04 33	5613		12.7	10.2	133.1	−1.1		C 497, V516 Cep, CCCS 3122		1
22 14 46.5	+46 54 37	5611				137.4	−13.6	N(BC)	BC 99		1
22 14 47.3	+62 41 02	5615				132.3	1.3	N(BC)	BC 179		1
22 14 53.0	+59 46 49	5614				133.3	−1.4		Kurt88 307		1
22 15 19.2	+63 26 35	5617			11.1	132.1	2.1		Ste		1

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22 15 37.0	−00 02 60	6898			13.8r	163.1	−56.2	N(Tot98)	Tot98		2
22 15 49.6	+53 26 03	5616			10.5	135.4	−7.4		Kurtun, Ste		1
22 15 55.3	+67 22 27	5621		13.8		130.9	5.8	N(BC)	BC 180, Ste		1
22 16 04.5	+54 32 55	5618	12.1	11.7	8.0	135.1	−6.3		C 247, Barb70, Ste, CCCS 3123		1
22 16 08.2	+56 08 58	5619			10.4J	134.6	−4.8		VB 8020-42, Kurt88 308, Aar90		1
22 16 24.2	−14 36 25	6899			13.9R	184.9	−66.6		Bot91-26		2
22 16 25.0	+54 01 20	5620	14.9		9.2	135.3	−6.8	R(Ste)	C 248, KT Lac, Ste, CCCS 3124	+R	1
22 17 14.4	+60 00 60	5623				133.5	−1.1		Kurt88 309		1
22 17 16.5	+60 28 25	5624			12.2	133.3	−0.7		Kurt88 310, Ste		1
22 17 26.2	+52 57 21	5622	14.0		10.4	135.8	−7.8		UV Lac, Ste		1
22 17 48.3	+53 32 32	5625			11.7	135.7	−7.2		Kurtun, Ste		1
22 18 12.0	+57 59 02	5628			12.9	134.2	−3.0		Kurt88 311, Ste		1
22 18 23.8	+43 47 03	5626			9.1	139.1	−16.3		C 749, V366 Lac, CCCS 3125	R	3
22 18 27.0	+61 41 57	5629			11.4	133.1	0.5		Kurtun, Ste		1
22 18 38.2	+43 44 38	6900			10.5r	139.2	−16.4		AbrGig90(C:), V367 Lac		3
22 19 07.3	+59 44 59	5630			10.7	133.8	−1.3		Kurtun, Ste		1
22 19 21.9	+61 12 27	5631			11.4	133.3	0.1		Kurt88 312, Ste		1
22 19 31.1	+59 14 21	5632				134.0	−1.7		Kurtun		1
22 19 42.7	−00 39 50	5627		9.7		165.3	−56.1	R(Ste)	Ste85		1
22 20 06.0	+64 19 41	5634			11.4	132.4	3.1		Ste		1
22 20 56.9	+47 23 18	5633				138.3	−12.8	N(BC)	BC 100		1
22 20 59.6	+55 05 41	5635		13.2	11.3	135.6	−5.6		Kub, CCCS 3126, Ste		1
22 21 12.1	+59 43 14	5638			12.4	134.0	−1.2		Kurt88 314, Ste		1
22 21 17.3	+59 57 24	5639			10.9	134.0	−1.0		Kurtun, Ste		1
22 21 19.6	+56 31 33	5637				135.1	−4.2		Kurt88 313		1
22 21 33.8	+50 04 52	5636			10.4	137.4	−10.2	R-N(BC)	BC 101, Ste		1
22 21 36.9	+33 35 44	6901			13.2r	143.7	−25.6		AbrGig89a		3
22 22 01.9	+61 31 07	5642				133.5	0.5		Kurt88 316		1
22 22 14.2	+57 21 59	5641			10.3J	135.0	−3.4		VB 8020-4, Kurt88 315, Aar90		1
22 22 21.7	+54 16 36	5640				136.1	−6.3		VB 8020-8, Aar90		1

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22 22 43.7	+54 35 38	5643				136.0	−5.9		VB 8020-7, Aar90		1
22 23 06.0	+61 45 49	5646			10.7	133.5	0.8		Kurtun, Ste		1
22 23 06.4	+56 42 49	5644		13.5	11.8	135.3	−3.9		C 249, V520 Cep, Kub, Ste	R	1
22 23 21.5	+57 16 11	5645			9.5J	135.1	−3.4		VB 8020-3, Kurt88 317, Aar90		1
22 23 27.2	+57 51 19	5647				134.9	−2.9		VB 8020-2, Kurt88 318, Aar90		1
22 23 45.2	+54 48 14	5648		15.2	12.4	136.1	−5.7		Kub, VB 8020-6, CCCS 3128		1
22 23 51.6	+58 44 16	5650		13.1	9.5	134.7	−2.0		C 250, V521 Cep, Kub, Ste	R	1
22 23 58.1	+52 49 44	5649			10.7	136.8	−7.5		Kurtun, Ste		1
22 24 30.6	+43 43 03	6902				140.2	−16.0	c	OLFHHS		i
22 24 31.6	+57 49 03	5652				135.1	−2.8		Kurtun88 319		1
22 24 48.1	+52 06 24	5651	15.4		11.1	137.2	−8.2		Kurtun, MS Lac, Ste		1
22 24 52.1	+62 44 58	5654			12.4	133.4	1.8		Kurtun, Ste		1
22 25 06.8	+58 58 55	5653			12.4	134.8	−1.7		Ste		1
22 25 07.9	+61 30 20	5657			12.1	133.9	0.6		Kurtun, Ste		1
22 25 30.2	+62 05 03	5658			11.7	133.7	1.2		Kurtun, Ste		1
22 25 40.9	+50 18 16	5656		12.2		137.9	−9.8		Kurtun, V385 Lac		1
22 25 53.8	+60 20 48	6903			13.7	134.4	−0.4	IRAS C	GJBSW, V384 Cep, AFGL 2901		i
22 26 18.9	+26 04 17	5655		13.5	12.3r	148.2	−32.1	C 5.5,3.5(CWWV96)	Ste85, CWWVS, Tot98		1
22 26 21.6	+54 24 47	5659				136.6	−5.9		Kurtun		1
22 26 41.3	+58 08 29	5661		13.8	10.7	135.2	−2.4		C 251,Kub,VB,CCCS 3130,Ste,Aar90	R	1
22 26 48.7	+53 31 38	5660				136.9	−6.7		Kurtun		1
22 27 07.6	+60 55 22	5663			11.4	134.3	0.2		Kurtun, Ste		1
22 27 15.7	+55 35 20	5662		13.5	11.6	136.2	−4.8		Kub, VB 8020-5, CCCS 3131, Ste		1
22 27 45.8	+56 32 48	5664			11.7	136.0	−3.9		Ste		1
22 27 46.6	+56 48 38	5665		14.4	11.5	135.9	−3.6		Kub, CCCS 3132		3
22 28 10.5	−13 46 24	6904			13.4r	187.2	−63.8	N(Tot98)	Tot98		2
22 28 30.5	+55 38 36	5666		13.7	10.7	136.4	−4.7		Kub, CCCS 3133, Ste		1
22 28 49.1	+57 37 33	5667				135.7	−2.8		Kurt88 320		1
22 29 11.4	+56 55 42	5668	14.8	12.6	10.7	136.0	−3.4		Kub, CCCS 3135		3
22 30 18.8	+56 10 18	5669		13.9	11.8	136.4	−4.1		Kub, CCCS 3136, Ste		1

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22 30 26.3	+56 14 06	5670		14.7	12.1	136.4	−4.0		Kub, CCCS 3137, Ste		1
22 31 09.2	+62 02 37	5672			11.4	134.3	1.4		Kurt88 321, Ste		1
22 31 34.2	+48 15 56	5671		11.0		139.6	−11.3		BC 102, V387 Lac		1
22 31 42.5	+52 33 17	5673				138.0	−7.4		Kurtun		1
22 31 47.1	+58 17 32	5674				135.8	−2.0		Kurt88 322		1
22 31 52.9	+19 17 41	6905			13.2r	153.3	−37.6	N(Tot98)	Tot98		2
22 31 55.6	+55 44 29	5675	16.2	13.5	11.0	136.8	−4.4		C 252,Kub, QZ Lac, CCCS 3138,Ste	+	1
22 32 11.2	+56 57 43	5676		13.8	11.9	136.4	−3.3		Kub, CCCS 3139, Ste		1
22 32 12.8	+60 06 04	6906				135.2	−0.4	c(OLFHHS)	NETC,VKL92		i
22 32 25.2	+63 04 42	5680			12.4	134.1	2.4		Kurtun, Ste		1
22 32 26.8	+58 37 06	5677		9.5	6.4	135.8	−1.7	N(San);C4,4(Yam)	MSB 72, V451 Cep, C 253, Ste	R	0
22 32 29.8	+59 32 54	5678			9.8	135.4	−0.8		C 254, CCCS 3141		3
22 32 43.6	+55 08 02	5679			11.0	137.1	−4.9		Kurtun, Ste		1
22 32 56.2	+60 32 55	5681			12.8	135.1	0.1		Kurtun, Ste		1
22 33 38.9	+58 08 07	5682			11.4	136.1	−2.1		Kurtun, Ste(C!r!)		1
22 34 11.7	+63 32 48	5684			9.9	134.1	2.9		C 498, CCCS 3142, Ste		1
22 34 24.3	+58 40 58	5683			14.1	136.0	−1.6		Ste		1
22 34 55.9	+53 50 56	5685			11.4	137.9	−6.0		Kurtun, Ste		1
22 35 12.9	+53 21 09	5686		11.7	9.4	138.2	−6.4		C 674, Perr61, Ste, CCCS 3143	R	1
22 35 19.5	+55 42 37	5687			13.4	137.3	−4.2		Kurtun, Ste		1
22 36 25.3	+54 50 10	5688				137.7	−5.0		Kurtun		1
22 36 37.8	+50 29 31	5689				139.5	−9.0	N(BC)	BC 103		1
22 36 41.6	+62 29 54	5690				134.8	2.1		Kurtun		1
22 36 50.7	+61 19 09	5691			11.6	135.2	1.0		Kurtun, Ste		1
22 37 11.3	+58 17 42	5692			12.2	136.5	−1.8		Kurt88 323, Ste		1
22 37 17.5	+59 27 16	5693				136.0	−0.7	IRAS C	Lit 171		1
22 37 20.5	+60 18 52	5694			11.2	135.7	0.1		Kurtun, Ste		1
22 37 31.5	+65 02 11	5697			9.6	133.8	4.4		C 499, CCCS 3144		3
22 37 36.0	+60 12 42	5695			12.4	135.8	0.0		Kurt88 324, Ste		1
22 38 08.9	+53 31 23	5696			13.8	138.5	−6.1		Kurt88 325, Ste		1

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22 38 24.6	+58 28 56	5698			10.4	136.5	−1.5		C 255, CCCS 3145, Ste		1
22 38 53.2	+59 08 38	5700			11.7	136.3	−0.9		Kurt88 326, Ste		1
22 39 11.9	+48 21 04	5699	12.6	10.0		140.8	−10.8	N(D); C4+,4(De)	D 347, Ste, BE Lac, CCCS 3146		1
22 39 28.1	+60 03 58	5701			12.4	136.0	−0.0		Kurtun, Ste		1
22 39 58.6	+58 37 57	5703	15.3		11.0	136.7	−1.3	N(Ste)	C 256, Ste, CCCS 3147		1
22 40 01.4	+57 14 20	5702			11.2	137.2	−2.6		Kurtun, Ste		1
22 40 19.3	+62 19 06	5704			12.8	135.2	2.1		Kurt88 327, Ste		1
22 40 52.3	+58 35 20	5705	14.5			136.8	−1.3	N(Ste)	Ste, CCCS 3148		3
22 42 03.5	+61 30 60	5706			13.8	135.7	1.4		Kurt88 328, Ste		1
22 42 28.2	+60 39 20	5708			11.1	136.1	0.7		Kurtun, Ste		1
22 42 41.6	+51 31 20	5707	12.7	12.1		140.0	−7.6		NassCam, AO Lac, Ste, CCCS 3149	R	1
22 43 13.1	+63 01 40	5710			12.8	135.2	2.9		Ste		1
22 43 20.9	+62 25 34	5711			10.7	135.5	2.3		Kurt88 329, Ste		1
22 43 23.1	+65 43 48	5712			11.1	134.1	5.3		BC 181, Kurtun, Ste		1
22 43 38.7	+74 47 40	5725		11.4		130.2	13.5	N(D)	D 351, Ste, KurNik90, CCCS 3157	R	2
22 43 45.7	+63 37 18	5715			11.7	135.0	3.4		Kurtun, Ste		1
22 43 57.0	+61 48 51	5716			13.1	135.8	1.8		Kurt88 330, Ste		1
22 43 59.3	+01 44 45	5709	12.4	11.9		170.6	−50.4		UV Aqr(Mb), Ste85		1
22 44 11.1	+61 43 43	5719	11.5	8.3	4.8	135.9	1.7	N(San);C7,4(Yam)	215484(Nb), DG Cep, CCCS 3152	R	0
22 44 15.8	+60 03 56	5718			13.4	136.6	0.2		Kurt88 331, Ste		1
22 44 19.5	+62 32 28	5720				135.5	2.5		Kurt88 333		1
22 44 33.3	+48 05 18	5717				141.7	−10.6	N(BC)	BC 104		1
22 44 53.3	+18 06 56	5714	12.0	9.0		157.4	−37.1	Ne(San)	D 153(N),IV Peg,Ste(N),CCCS 3151	R	0
22 44 55.8	+59 54 19	5723	16.4	11.2	7.5	136.7	0.1		+59:2564, C 28, MV Cep,CCCS 3154	R	1
22 44 58.6	+49 28 51	5721	12.0	9.7		141.2	−9.3	N(San)	+48:3827, MSB 73, V363 Lac	R	1
22 45 04.2	+56 37 18	5722	12.1	9.9	5.7	138.1	−2.9	N(San);C4,3(Yam)	MSB 74, DV Lac, CCCS 3155	R	1
22 45 06.1	+58 10 21	5724			12.4	137.5	−1.5		Ste		1
22 45 22.6	−25 22 41	5713	11.5	10.8		215.5	−64.4	N(May51)	-26:16308, May51, CCCS 3150	R	0
22 45 24.7	+63 29 08	5726			11.7	135.3	3.4		Kurtun, Ste		1
22 45 25.7	+63 18 29	5727			11.5	135.3	3.2		Kurtun, Ste		1

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22 45 47.7	+62 51 19	5729			13.1	135.6	2.8		Kurt88 334, Ste		1
22 45 51.2	+55 04 36	5728	11.5	10.0	7.6	138.9	−4.2	R6(San)	215673(R5), TX Lac, CCCS 3156	**R	0
22 46 03.2	+63 32 53	5731			11.1	135.3	3.5		Kurtun, Ste		1
22 46 10.7	+59 35 05	5730		12.1	8.6	137.0	−0.1		C 258, Ste, CCCS 3158		1
22 46 13.4	+62 33 55	5732				135.7	2.6		Kurtun		1
22 46 54.8	+64 39 50	5734	16.0	12.9		134.9	4.5		Kurt81		2
22 46 54.9	+59 17 49	5733			12.8	137.2	−0.3		Ste		1
22 47 26.5	+58 18 34	5735			10.8	137.7	−1.2		C 259, CCCS 3159, Ste	R	1
22 47 51.6	+59 59 13	5737		12.6	9.8	137.0	0.3		C 260, OO Cep, CCCS 3161, Kurtun	R	1
22 48 21.1	+52 20 05	5738				140.4	−6.5		BC 105		1
22 48 31.8	+64 53 57	5742			12.8	134.9	4.8		Ste		1
22 48 34.2	+59 33 46	5740			11.4	137.3	−0.0		Kurtun, Ste		1
22 48 38.0	+54 55 42	5739			9.9	139.3	−4.2		C 676, CCCS 3162		3
22 48 42.5	+57 45 02	5741			13.1	138.1	−1.6		Kurt88 335, Ste		1
22 48 51.8	+59 51 15	5743				137.2	0.3		Kurt88 336		1
22 48 57.6	+61 27 01	5744			12.7	136.5	1.7		KurtUN, Ste		1
22 49 16.7	−29 35 09	5736	13.5			225.3	−64.0	R(Sto)	Sto V-51, CCCS 3160		1
22 49 35.2	+52 18 14	5745		11.8	10.7	140.6	−6.5		Ste, V391 Lac		1
22 50 06.7	+57 31 39	5746			10.0	138.4	−1.7		C 261, CCCS 3163, Ste		1
22 50 13.1	+58 49 39	5747		13.0	9.8	137.8	−0.6		C 262, OP Cep, CCCS 3164, Ste		1
22 50 26.5	+62 40 06	5748				136.1	2.9		Kurt88 337		1
22 50 40.5	+58 20 42	5749			11.5	138.1	−1.0		Kurtun, Ste		1
22 50 55.1	+54 02 55	5750			12.8	140.0	−4.8		Kurtun, Ste		1
22 51 04.0	+63 29 18	5752			12.2	135.8	3.7		Kurt88 338, Ste		1
22 51 04.0	+64 16 24	5753			11.4	135.5	4.4		Kurtun, Ste	R	1
22 51 11.8	+56 51 47	5751		12.5	9.1	138.8	−2.3		C 677, Ste, CCCS 3165		1
22 51 18.7	+60 34 37	5754	15.6	11.5	10.0	137.1	1.1		C 263,MW Cep, Daub71, CCCS 3166	R	1
22 51 37.6	+64 50 58	5755			11.4	135.3	4.9		Kurtun, Ste		1
22 51 59.8	+62 33 18	5756			12.6	136.3	2.9		Kurtun, Ste		1
22 52 15.2	+59 35 05	5757			13.8	137.7	0.2		Kurt88 339, Ste		1

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RA (2000)	DEC (2000)	CGCS	b	v	i	long	lat	Spectrum	Designations	n	P
22 52 25.1	+64 21 06	5759			11.4	135.6	4.5		Kurtun, Ste		1
22 52 28.2	+58 40 38	5758			13.4	138.1	−0.6		Kurt88 340, Ste		1
22 53 26.1	+53 42 55	5760			9.4	140.5	−4.9		C 678, Perr61, CCCS 3167		3
22 53 26.9	+65 48 13	5763			11.4	135.0	5.8		Ste		1
22 53 43.4	+66 16 56	5764				134.8	6.3		Pes, Kurtun, Nik2 33		2
22 53 45.0	+59 22 07	5762				138.0	0.1		Kurt88 341		1
22 54 13.8	+62 57 23	5766			11.1	136.4	3.3		Kurt88 342, Ste		1
22 54 21.8	+63 17 60	5767			13.2	136.2	3.6		Kurt88 343, Ste		1
22 54 39.7	+63 01 33	5769			12.2	136.4	3.4		Kurt88 345, Ste		1
22 54 45.0	+60 46 43	5768		14.3	10.5	137.4	1.4		Blanc55, MZ Cep,Daub71,CCCS 3170	R	1
22 54 46.5	−06 57 51	5761		10.8		184.0	−54.5	R3(San)	216649(R0), Van 93(R5),CCCS 3168	R	0
22 54 54.8	+65 55 10	5770			11.7	135.1	6.0		Ste		1
22 55 11.1	+62 10 33	5771			12.9	136.8	2.7		Ste		1
22 55 32.1	+61 40 07	5772			12.6	137.1	2.3		Ste		1
22 55 44.6	+58 38 60	5773				138.5	−0.4		Kurt88 346		1
22 55 50.2	+63 43 05	5775			13.2	136.2	4.1		Kurt88 347, Ste		1
22 55 51.5	−40 40 25	5765	11.5	10.0		248.9	−61.1	Ce (Hen)	Hen 321, AE Gru, CCCS 3169		2
22 56 07.4	+54 13 46	5774	11.5	9.4	6.8	140.6	−4.3	N(San);C4,5(Yam)	216913(Nb), TV Lac, CCCS 3171	R	0
22 56 19.1	+64 49 45	5776				135.7	5.1		Kurt88 348		1
22 56 41.5	+60 50 58	5777			12.8	137.6	1.6		Kurt88 349, Ste		1
22 57 20.1	+56 22 07	5778			10.1	139.8	−2.3		C 679, CCCS 3172, Ste		1
22 58 00.3	+60 48 07	5779			13.8	137.8	1.6		Kurt88 350, Ste		1
22 58 04.7	+59 15 05	5780				138.5	0.3		Kurt88 351		1
22 58 25.0	+06 12 25	6907			12.9r	170.3	−44.7	CH(Tot98)	Tot98		2
22 58 41.6	+56 59 14	5781	16.0		10.5	139.6	−1.7	R(Ste)	Ste, CCCS 3173		1
22 58 51.9	+60 59 01	5782			13.4	137.8	1.8		Ste		1
22 59 08.3	+66 05 55	5783			12.4	135.4	6.4		Ste		1
22 59 46.0	+61 31 32	5784			12.6	137.6	2.4		Ste		1
23 00 03.0	+61 53 08	5786			11.4	137.5	2.7		Ste		1
23 00 04.9	+58 59 17	5785				138.8	0.2		Kurt88 352		1

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23 00 22.5	+60 13 13	5787			13.2	138.3	1.3		Ste		1
23 00 29.3	+64 18 38	5788				136.4	4.9		Kurt88 353		1
23 01 04.9	+63 05 44	5790			11.3	137.0	3.8		Kurt88 354, Ste		1
23 01 09.5	+68 07 13	5792		13.5		134.6	8.2		Ste85		1
23 01 46.7	+13 05 08	5789		11.7	10.1r	165.3	−38.8	Np(Ste),Ne(Tot98)	Ste85	R	1
23 01 49.5	+45 53 09	5791	12.5	9.6	7.2	145.4	−11.2	R8(San)	BSD 42-1456(Nb),VY And,CCCS 3174	R	0
23 01 57.1	+60 43 27	5793				138.2	1.8		Kurtun		1
23 02 24.4	+74 02 10	6908				131.7	13.4		KurNik90		2
23 02 29.2	+66 07 48	5795			12.8	135.7	6.6		Ste		1
23 02 56.2	+43 03 54	5794		11.5		147.0	−13.6	N(Ste)	D 356(R), Ste, CCCS 3175	R	1
23 03 05.2	+64 03 36	5796			11.1	136.7	4.8		Kurtun, Ste		1
23 03 26.4	+60 56 05	5798			13.4	138.3	2.1		Ste		1
23 03 28.1	+57 18 37	5797			11.5	140.0	−1.1		Kurtun, Ste		1
23 03 45.3	+56 31 39	5799		13.0	9.1	140.5	−1.8		C 680, Ste, CCCS 3177		1
23 03 45.5	+59 31 24	5800			13.4	139.0	0.8		Ste		1
23 04 23.1	+62 37 34	5801				137.6	3.6		Kurt88 355		1
23 05 19.9	+61 48 58	5802				138.1	2.9		Kurt88 356		1
23 05 28.0	+59 14 23	5803			11.0	139.3	0.7		Ste(wk C)		1
23 05 41.3	+65 28 58	5804			12.1	136.3	6.1		Kurtun, Ste		1
23 06 12.0	+58 05 31	5805			13.4	140.0	−0.2		Ste		1
23 06 56.8	+65 35 54	5806				136.3	6.3		Kurt88 357		1
23 07 08.5	+62 45 55	5807				137.8	3.9		Kurt88 358		1
23 07 09.3	+63 45 42	5808				137.3	4.7		Kurtun		1
23 07 37.8	+64 19 07	5809				137.0	5.2		Kurt88 360		1
23 07 46.5	−13 40 26	6909			15.2R	196.9	−55.5		Bot91-13		2
23 07 48.1	+60 31 26	5810				139.0	2.0		Kurt88 361		1
23 08 00.9	+55 49 24	5811				141.3	−2.1		Kurtun		1
23 08 13.5	+63 21 53	5813				137.6	4.4		Kurt88 362		1
23 08 20.4	+59 14 18	5812				139.7	0.9		Kurt88 363		1
23 08 40.6	+67 33 17	5815				135.5	8.1		BC 182(C:)		1

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23 08 45.9	+60 16 10	5814				139.2	1.8		Kurt88 364		1
23 09 09.4	+57 10 18	5816			10.2	140.8	−0.8		C 681, CCCS 3178, Ste		1
23 09 11.2	+60 03 22	5817			12.2	139.3	1.6		Kurt88 365, Ste		1
23 09 13.5	+59 36 46	5818				139.6	1.3		Kurt88 366		1
23 09 46.3	+65 17 23	5819		13.8	9.9	136.7	6.2		C 500, Ste, Kurtun, CCCS 3179		1
23 09 47.6	+65 23 29	5820			13.1	136.7	6.3		Ste		1
23 09 59.4	+63 36 23	5821			11.7	137.6	4.8		Kurtun, Ste		1
23 10 46.2	+46 18 11	5822		10.1		146.6	−10.1	R2(San)	218851(R0), D 357(R), CCCS 3180	R	0
23 10 47.9	+64 55 24	6910		15.8	12.3r	137.0	5.9		Po78		3
23 11 04.3	+63 12 52	5824		14.0	10.7	137.9	4.5		Ste, BC 198		1
23 11 12.4	+65 15 55	5826			10.7	136.9	6.3		Kurtun, Ste		1
23 11 21.1	+61 30 49	5825			13.8	138.8	3.0		Kurt88 367, Ste		1
23 11 36.1	−21 00 11	5823		9.4		209.8	−57.5	R0(San)	218875(R0), -21:6376, CCCS 3181	R	0
23 12 04.7	+55 38 41	5827			10.2	141.9	−2.0		C 682, CCCS 3182, Ste		1
23 12 10.7	+61 51 07	5829			12.2	138.7	3.4		Kurtun, Ste		1
23 12 13.1	+57 28 50	5828			9.7	141.0	−0.4		C 683, CCCS 3183,Kurt88 368, Ste		1
23 12 16.9	+62 33 41	5830			11.5	138.4	4.0		Kurtun, Ste		1
23 12 44.5	+64 36 53	5831			12.1	137.4	5.8		Kurt88 369, Ste		1
23 12 58.0	+69 54 09	5833		10.9		134.6	10.3	N(BC)	BC 183, Ste		1
23 13 34.0	+56 55 25	5834			10.4	141.4	−0.8		Kurtun, Ste		1
23 14 28.2	+64 23 33	5835				137.6	5.7		Kurt88 370		1
23 15 34.9	+62 13 22	5836				138.9	3.9		Kurt88 371		1
23 15 49.2	+67 47 53	6911	18.7	14.0	10.9r	135.9	8.7		Po78		3
23 16 02.3	+62 21 20	6912	17.1	12.9	10.4r	138.9	4.0	C+M4(Bi80)	Po78,CKJJ,AFGL 3056,IRC +60393		2
23 16 23.7	+51 58 20	5837				144.4	−4.8	R-N(BC)	BC 106		1
23 16 57.8	+58 41 53	5838			12.0	140.9	1.0		Kurtun, Ste		1
23 17 15.9	+60 36 52	5839				139.9	2.6		Kurt88 372		1
23 17 49.9	+67 24 29	5841			11.4	136.3	8.4		Kurtun, Ste		1
23 18 02.5	+59 47 22	5840				140.4	2.0		Kurt88 373		1
23 18 05.0	+63 36 12	5843			11.7	138.4	5.2		Kurt88 374, Ste		1

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23 18 07.8	+59 51 33	5842				140.4	2.1		Kurt88 375		1
23 19 11.6	+17 11 28	6913			9.6K	166.1	−33.0		LR77, LL Peg, Sop85, VKL92, GWSK	R	i
23 19 22.2	+61 51 12	5845			11.9	139.5	3.8		Kurtun, Ste		1
23 19 28.8	+58 51 54	5846				141.1	1.3		Kurt88 376		1
23 19 31.4	+46 52 21	5844		12.1		147.5	−8.8	N(Ste)	Ste85		2
23 19 33.3	+68 26 40	5850				135.9	9.4	IRAS C	Lit 173		1
23 19 41.1	+59 58 18	5847			12.2	140.5	2.3		Kurtun, V571 Cas, Lit 172, Ste		1
23 19 45.3	+62 58 45	5849			12.4	138.9	4.8		Kurt88 377, Ste		1
23 19 58.7	+47 14 38	5848	12.9	10.6		147.4	−8.4	C4,4J(De)	D 358(R),EU And,Ste(N),CCCS 3184	R	1
23 19 59.3	+58 04 31	5851			12.9	141.6	0.7		Ste		1
23 20 02.1	+63 15 23	5852			12.9	138.8	5.0		Ste		1
23 21 03.3	+64 53 54	5854			12.7	138.0	6.5		Kurt88 378, Ste		1
23 21 10.4	+53 28 45	5853				144.2	−3.1	N(BC)	BC 107		1
23 21 14.1	+71 29 41	6914				134.3	12.0		KurNik90		2
23 21 18.5	+64 22 34	5855				138.3	6.1		Kurtun		2
23 21 40.2	+62 07 12	5856			12.4	139.5	4.2		Kurtun, Ste		1
23 21 41.3	+64 13 00	5857			11.2	138.4	6.0		Ste		1
23 22 05.7	+63 55 47	5858				138.6	5.7		Kurtun		1
23 22 50.2	+62 51 52	6915	19.0	15.0	13.1r	139.2	4.9		Po78		3
23 22 52.6	+56 26 06	5859			10.7	142.8	−0.5		Kurtun, Ste		1
23 23 01.6	+56 15 25	5860		12.6	12.4	142.9	−0.6		Kurtun, V838 Cas, Ste		1
23 23 12.7	+59 25 28	5863			12.2	141.2	2.0		Kurtun, Ste		1
23 23 14.2	+45 25 03	5861	13.4	10.2		148.9	−9.7	R(D); C5,5(De)	Esp(Type IV), EV And, CCCS 3185	R	1
23 23 14.6	+56 28 49	5862			13.8	142.8	−0.4		Kurt88 379, Ste		1
23 23 23.1	+59 55 30	5866			14.1	140.9	2.5		Kurt88 380, Ste		1
23 23 23.6	+56 29 52	5864			13.1	142.8	−0.4		Kurtun, Ste		1
23 23 27.9	+56 10 02	5865	13.5	9.5	6.8	143.0	−0.7	R8(San)	MSB 42(N), V353 Cas, CCCS 3186	R	1
23 23 38.9	+63 14 19	5878		13.4		139.1	5.3		BC 199		3
23 23 44.0	+59 40 13	5867				141.1	2.3		Kurt88 381		1
23 23 52.1	+54 42 08	5868				143.8	−1.9	N(BC)	BC 108		1

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23 24 09.6	+67 05 42	5870			12.1	137.0	8.5		Ste		1
23 24 17.5	+62 06 40	5869			12.8	139.8	4.4		Kurtun, Ste		1
23 24 26.7	+64 15 39	5871			12.8	138.6	6.2		Ste	R	1
23 24 38.1	+64 16 37	5873			12.6	138.6	6.2		Ste		1
23 24 38.4	+72 21 41	5874		13.0		134.0	12.9	N(Ste)	Ste85, KurNik90		2
23 24 42.0	+60 07 23	5872			12.8	140.9	2.7		Kurtun, Ste		1
23 25 16.5	+61 19 58	5875	14.5		10.0	140.3	3.8		C 264, V433 Cas, CCCS 3187	+	3
23 25 30.9	+55 22 03	5876		12.5		143.7	−1.2		Kurtun, V844 Cas		1
23 25 55.1	+60 57 31	5877	17.1		10.7	140.6	3.5		MacCon67,V579 Cas,CCCS 3188,Ste		1
23 26 57.4	+49 30 59	5879	10.8	9.0		147.1	−5.9	N(San);C7,3(Yam)	220870(Nb), EW And, CCCS 3189	R	0
23 27 30.4	+60 52 10	5880				140.8	3.5		Kurt88 382		1
23 27 43.6	+57 18 51	5881				142.8	0.6		Kurt88 383		1
23 28 17.7	+10 54 41	6916			14.2J	173.2	−36.2	c	Fou92, IZ Peg, OLFHHS	R	i
23 28 17.8	+57 28 57	5882		11.9	8.2	142.8	0.8	N(Ste)	C 685, Ste, CCCS 3191		1
23 28 21.7	+61 18 02	5883			11.1	140.7	4.0		Kurtun, Ste		1
23 28 59.0	+69 10 56	6917				136.2	10.5	c:(OLFHHS)	OLFHHS		i
23 29 00.3	+57 11 56	5884			11.4	143.0	0.6		Kurtun, Ste		1
23 29 25.2	+64 59 42	5885		12.6	10.1	138.6	7.1		Ste, V534 Cep		1
23 30 18.0	+53 53 07	5886				145.1	−2.0	IRAS C	Lit 174		1
23 31 16.0	+61 32 19	5887			12.7	140.8	4.3		Kurtun, V583 Cas(M), Ste		1
23 31 37.5	+59 53 02	5888			13.2	141.8	3.0		Kurtun, Ste		1
23 32 05.7	+57 01 40	5889			12.4	143.5	0.7		Kurtun, Ste		1
23 32 20.8	+62 06 32	5890	13.6	9.9	7.0	140.6	4.9	N(D); C5+,3(De)	D 362,DS Cas,C 265,Ste,CCCS 3190	R	1
23 32 31.4	+66 18 16	5891			12.4	138.2	8.3		Ste		1
23 32 44.9	+62 03 49	6918				140.6	4.9	c	OLFHHS		i
23 33 13.1	+58 27 46	5892			11.4	142.8	2.0		Kurtun, Ste		1
23 33 23.0	+64 52 49	5893			12.8	139.1	7.2		Ste		1
23 34 02.0	+60 05 23	5894				141.9	3.4		Kurtun		1
23 34 22.6	+66 01 50	6919				138.5	8.2	c	OLFHHS		i
23 34 27.6	+43 33 02	6920				151.7	−10.0	C 8,3.5(CH96)	Lo74,Fr75,CK77,GGHCG,CKJJ,LP And	R	2

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23 35 48.0	+67 41 05	5896		15.6	12.4	137.6	9.6		MaeSoy 1, Nik 1, Ste		1
23 35 51.1	+63 01 43	5895			13.1	140.4	5.9		Ste		1
23 36 40.6	+64 35 18	5897			13.8	139.5	7.2		VB 8023-4, Ste, Aar90		1
23 36 54.6	+64 01 37	5898		14.7	12.2	139.9	6.7		VB 8023-3, MaeSoy 2		1
23 37 09.8	+57 26 27	5899	12.6	13.8	9.1	143.8	1.4		C 686,DU Cas, Ste(C:), CCCS 3192		1
23 37 17.7	+59 48 13	6921	18.8	15.9	13.7r	142.4	3.4		Po78		3
23 37 18.8	+59 33 12	5900				142.6	3.2		Nik 2		3
23 38 09.6	+56 01 49	5901	14.4	11.4	8.2	144.7	0.4	N:e(Merr50)	Merr50, LS Cas, C 687,CCCS 3193	R	1
23 38 11.2	+69 03 43	5902				136.9	10.9	N(BC)	BC 184		1
23 38 44.1	+58 16 45	5904			12.8	143.5	2.2		Kurtun, Ste		1
23 38 45.1	+35 46 21	5903		8.2		157.1	−15.8	Nb(HD)	222241, ST And, CCCS 3194	R	0
23 38 58.4	+58 54 01	6922	18.8	14.7	12.4r	143.1	2.8		Po78		3
23 39 22.7	+63 35 14	5905			9.5	140.4	6.6		C 501, CCCS 3195		3
23 39 27.0	+62 23 47	5906			10.9	141.1	5.6		C 266, VB 8023-2, CCCS 3196, Ste		1
23 39 35.1	+59 35 11	5907	13.0	11.7	7.7	142.8	3.4		C 688, DX Cas, Ste, CCCS 3197		1
23 39 50.5	+63 15 11	5909			13.8	140.6	6.3		VB 8023-5, Ste	R	1
23 39 53.1	+56 42 57	5908			10.9	144.5	1.1	N(BC)	BC 109, Ste		1
23 40 46.2	+70 19 40	5910		10.9	7.8	136.3	12.0	N(Ste)	C 709, Ste, PU Cep, CCCS 3198	R	1
23 41 02.5	+65 06 33	5911		14.0		139.6	7.9		MaeSoy 3		1
23 41 35.2	+66 38 28	5913		14.7	11.7	138.7	9.1		MaeSoy 4, Nik 3, Ste		1
23 41 38.9	+60 14 26	5912		14.5	11.2	142.6	4.0		VB 8023-1, BC 200, MaeSoy 5, Ste		1
23 41 47.7	+59 33 05	5914		15.6	11.2	143.0	3.5		Kurtun, MaeSoy 6, Ste		1
23 41 51.4	+63 13 34	5915		14.6	11.5	140.8	6.4		VB 8023-6, MaeSoy 7, Nik 4, Ste		1
23 42 09.3	+58 56 28	5916				143.4	3.0		Kurtun		1
23 42 25.6	+64 44 04	5917		16.5		139.9	7.7		MaeSoy 8		1
23 43 12.0	+60 13 17	5918			8.0	142.8	4.1		C 689, CCCS 3199		3
23 43 23.3	+58 12 26	5919		11.1		144.0	2.6	N(D); C9,1(De)	D 363, Ste(Nwk), CCCS 3200	R	1
23 44 27.0	+64 23 24	5921				140.3	7.5		VB 8023-11		1
23 44 50.0	+61 03 30	6923				142.4	4.9		Aar90		2
23 44 53.6	+60 55 21	5922				142.5	4.8		VB 8023-7		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
23 45 13.1	+59 04 47	5923		13.6	9.5	143.7	3.4		C 690, MaeSoy 10, CCCS 3201, Ste		1
23 45 32.5	+64 41 30	5924		14.5	12.4	140.2	7.8		MaeSoy 11, Nik 5, Ste		1
23 45 37.1	+64 59 55	5925		16.3	12.4	140.0	8.1		MaeSoy 12, Ste		1
23 45 44.6	+62 52 53	5926		14.8	12.4	141.4	6.4		VB 8023-9, MaeSoy 13, Nik 7, Ste		1
23 45 45.0	+62 59 37	5927		14.8	11.4	141.3	6.5		VB 8023-10, MaeSoy 14,Kurtun,Ste	R	1
23 46 17.5	+61 18 09	5929		15.7	13.1	142.4	5.2		VB 8023-8, MaeSoy 15, Nik 8, Ste		1
23 46 23.5	+03 29 13	5928	6.9	5.3	2.6	183.9	−37.9	N0(Sh);C7,2(Yam)	19 Psc,223075(Na), +2 4709,TX Psc	R	0
23 46 26.5	+62 40 13	5930	19.0	14.5		141.6	6.3		Kurt81		2
23 46 29.7	+66 58 54	5931		16.6	13.8	138.9	9.7		MaeSoy 16, Ste		1
23 46 48.6	+58 08 45	5932		14.0	11.7	144.4	2.8		Kurtun, MaeSoy 17, Nik 9, Ste		1
23 46 57.0	+59 46 20	5933			12.4	143.4	4.1		Ste		1
23 47 03.7	+59 15 60	5934		15.3	12.2	143.7	3.7		MaeSoy 18, Nik 10, Kurtun, Ste		1
23 47 12.4	+67 33 17	5935		15.6	10.7	138.5	10.2		MaeSoy 19, Ste		1
23 47 45.1	+62 41 59	5936	16.7		10.3J	141.7	6.4		Ste, Kurtun, VB, CCCS 3203	R	1
23 49 00.9	+64 27 04	5939			13.8	140.7	7.9		VB 8023-12, Ste, Aar90		1
23 49 05.5	+06 22 57	5937		8.8		181.6	−35.5	R3(Sh);C3,2(K-M)	223392(R3), +5:5223, CCCS 3204	R	0
23 49 14.9	+03 05 01	5938	17.5	16.5	15.0R	184.9	−37.6	R:(Sndlk)	Sndlk, Bot91-10		2
23 49 28.8	+59 54 12	5940		14.2	11.7	143.6	4.4		VB 8023-19, MaeSoy 20,Nik 12,Ste		1
23 49 36.5	+61 20 22	5941			9.7J	142.7	5.5		VB 8023-17, Aar90		1
23 50 10.4	+60 20 37	5942			10.1J	143.4	4.8		VB 8023-18, Aar90		1
23 50 14.1	+62 47 50	5943		14.2	11.7	141.8	6.7		VB 8023-14, MaeSoy 21,Nik 13,Ste		1
23 50 34.4	+59 27 33	5944		15.4	11.4	144.0	4.1		Kurtun, MaeSoy 22, Nik 14, Ste		1
23 50 43.8	+66 34 20	5946		15.2	12.1	139.4	9.6		MaeSoy 23, Nik 15, Ste		1
23 50 45.1	+55 51 40	5945		13.4	12.4	146.2	1.3		BC 37, Ste		1
23 50 55.3	+62 38 60	5947				142.0	6.6		VB 8023-16		1
23 51 12.2	+62 23 04	5948	19.4	15.3	12.1	142.2	6.4		Kurt81, MaeSoy 24, Nik 16, Ste	Var	1
23 51 37.3	+63 00 38	5950				141.8	6.9	IRAS C	Lit 175		1
23 51 38.0	+51 34 58	5949	12.5:	13.0:		149.0	−1.9		Krum, Ste, CCCS 3205		1
23 51 50.5	+62 47 31	5951		11.5		142.0	6.8	IRAS C	Lit 176		1
23 52 15.0	+64 13 10	5952				141.1	7.9		Kurtun, VB 8023-22, Nik 17		1

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RA (2000)	DEC (2000)	CGCS	*b*	*v*	*i*	long	lat	Spectrum	Designations	n	P
23 52 15.9	+63 13 16	5953		15.7	12.4	141.7	7.2		VB 8023-13, MaeSoy 25, Ste		1
23 52 18.7	+58 05 35	5954		12.1	8.5	145.0	3.2		C 691, Ste, V652 Cas, CCCS 3206	R	1
23 52 38.5	+56 44 37	5955			10.7	145.9	2.2		Nik 18, Ste	R	1
23 53 44.2	+45 15 41	5956	13.2			153.3	−6.6	R4(BSD)	BSD 43-745, CCCS 3207		2
23 53 45.6	+62 43 33	5957		13.4	10.3	142.2	6.9		C 267, MaeSoy 27, CCCS 3208, Ste	R	1
23 53 54.0	+64 23 17	5958				141.1	8.2		Kurtun		2
23 53 54.8	+66 51 23	5959				139.5	10.1		Kurtun		2
23 55 04.8	+64 26 16	5960			12.8	141.2	8.3		VB 8023-23, Nik 19, Kurtun, Ste		1
23 55 55.2	+62 56 03	5961	17.1	13.3	11.2	142.2	7.2		Kurt81, VB 8023-20, MaeSoy 28	R	1
23 55 58.8	+64 37 59	5962		15.1	12.2	141.1	8.5		VB 8023-24, MaeSoy 29, Ste		1
23 56 31.5	+64 35 52	5963	17.0	13.4	10.6	141.2	8.5		Kurt81, VB 8023-25, MaeSoy 30	R	1
23 56 38.5	+62 53 60	5964	19.7	14.8	11.0	142.3	7.2		Kurt81, VB 8023-21, MaeSoy 31	R	1
23 57 14.5	+00 38 15	6924			15.1R	188.8	−37.4		Bot91-2		2
23 58 05.8	+64 52 47	5965	18.9	15.0	11.0	141.1	8.8		Kurt81, MaeSoy 32, Nik 23, Ste		1
23 58 36.0	+58 25 47	5966			11.1	145.4	4.0		Nik 24, Ste		1
23 58 40.4	+58 21 12	5967	16.6	12.5	8.4	145.5	3.9		C 692, V543 Cas, Ste, CCCS 3209	R	1
23 58 48.5	+64 39 40	5968			13.0	141.3	8.7		VB 8023-26, Kurt88 384, Ste,Aar90		1
23 58 55.2	+64 25 58	5969				141.5	8.6		VB 8023-27		1
23 59 05.3	+56 58 09	5970		9.6	7.7	146.4	2.9	Ne(San)	MSB 75, V532 Cas, CCCS 3210	R	1
23 59 29.4	+57 40 24	5971		10.9	8.0	146.0	3.5		C 693, Ste, MaeSoy 34, CCCS 3211		1
23 59 54.2	+56 58 48	5972	15.6	12.0	10.7r	146.5	3.0		BC 38, V533 Cas, Ste	R	1

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PART II. REMARKS

0001+6021 5976 +59°2810, C 29, Har (Np), Ste, MaeSoy 37, BDS 12693, AFGL 3196, IRC+60433. San: N; K-M: C9,1; Yam: C9,2JLi; KB: SC6-8/10e. WZ Cas has long been famous for the outstanding strength of Li I 6707 Å line, and also for the strength of the sodium D lines. The star is extremely red, and in I magnitude it is one of the brightest carbon stars in the sky. See also Bidelman (1954).

0002–0249 5980 D 156(K), Van(R2). San: R0. A CH star (Bidelman 1956), Yam(C1,1CH). Spectroscopic binary with a period of 1273 days.

0002+5958 5981 Also MaeSoy 41.

0002+6337 5983 Also Nik 27.

0004+6418 5985 Also MaeSoy 43, VB 8023-28.

0004+6055 5986 Also MaeSoy 44.

0004+4333 5987 +42°4827, BSD 43-504 (Nb), D 365 (R), AFGL 11, IRC+40003, Ste (N, two surveys). Visual companion: $V = 12.77$ mag, F0 V, $15''$ away.

0007+6148 9 Nik 31.

0007+6443 8 Also Nik 30, Ste

0011+6429 12 Nik 32

0013+6327 19 +62°25, MaeSoy 58. Published as R2 by San, but has strong D lines.

0015+6312 26 Nik 36.

0017+1052 31 Weak C_2.

0017+5017 32 D 235 (R), C 694, Ste (N).

0019+4442 36 +43°53, D 236 (N), C 695, Ste. San: N; Yam: J star.

0020+6029 37 Nik 38, Ste.

0021+5914 41 Also Ste, MaeSoy 69.

0022+5911 43 C 521, Poul, MaeSoy 71, Ste.

0024+6142 47 Nik 40.

0024+5417 53 +53°66, C 696, Van 1 (R5). Yam: C4,5J.

0026+6118 57 Nik 45, Ste.

0027+3535 65 D 157 (N), Ste (N), AFGL 68, IRC+40010.

0035+7031 83 AFGL 86S, IRC+70009.

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0035+6119	82	MaeSoy 91, CCCS 20.
0035+5800	86	Also MaeSoy 93, Ste.
0035+6037	89	Also Ste.
0039+6046	97	MaeSoy 97, Ste.
0041+6128	100	Nik 53.
0041–2619	102	Sanduleak and Philip (1968): probable early R, from color.
0042+6328	101	Also Ste.
0046+5937	111	Also Ste.
0050+6317	121	MaeSoy 97.
0050–1904	124	Also BidMac. Weak C_2, but fairly strong red CN (Ste).
0052+6019	127	MaeSoy 110, Ste. Case plates suggest variable (Ste).
0052+6011	128	MaeSoy 111. Not the nearby 0052+6019.
0053+6320	131	VB 8024-30, MaeSoy 113.
0054+2404	135	+23°123, Van 98 (R), Ste (R). A CH star (K–M, Yam (C1,2)). Spectroscopic binary with a period of 755 days.
0054+5833	136	+57°165, AFGL 4062S, IRC+60026, Ste, MaeSoy 115. A CS star (Ste); cf. Keenan (1950). Yam: C7,1e.
0054+5923	134	Large radial velocity (–232 km/s) and proper motion (0.149″/yr).
0056+6427	143	MaeSoy 118.
0059+6348	149	MaeSoy 120.
0059+6044	150	VB 8024-42, MaeSoy 121.
0059+3920	154	C_2 weak.
0100+6020	157	C_2 weak.
0100+6216	160	Nik 67, Ste.
0102+6151	165	Har, Ste, Kurt78 8, MaeSoy 127, AFGL 146S, IRC+60034.
0104+6122	167	MaeSoy 128.
0109–2821	177	Also Slet, CCCS 55.
0110+6154	176	Also Ste.
0111+5341	180	Yam: C4,3e.

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0112+6211 185	Also Ste, Nik77. 2′ position difference with V418 Cas, which is not a carbon star.
0112+6022 187	MaeSoy 141.
0113+5951 188	MaeSoy 142, IRC+60041, CCCS 58.
0113+6257 189	MaeSoy 143.
0116+5738 197	Variable, 13.2–13.8 (BC).
0116+2546 198	D 159 (N), Ste (N), AFGL 188, IRC+30025. Yam: C7,2.
0117+6713 6017	also OLFHHS, VKL92, AFGL 190.
0118+6252 204	MaeSoy 151.
0118+5809 205	CCCS 65. In area of the open cluster NGC 103.
0126–3232 234	–33°525, AFGL 215, IRC-30015, Slet (N=C5,4, SiC_2), Hen. San: Np; Yam: C6,4. The star has a detached gas shell.
0128+6216 233	Also MaeSoy 167.
0129+5853 235	Also MaeSoy 168.
0133+5745 238	D 243(N), C 530, MaeSoy 170, AFGL 6161S, IRC+60056. Yam: C5,5.
0134+5743 239	Probably NSV 547 (Bidun).
0140–1856 256	Also BidMac.
0142+6305 253	MaeSoy 179.
0142+6336 255	MaeSoy 181.
0145+5357 268	D 244 (R), Van (R5), Har (ER), CCCS 82. Yam: C3,5JCH.
0152+5658 289	In area of the open cluster Stock 4.
0156+5915 295	+58°334a, Ste, MaeSoy 201 AFGL 270S, IRC+60069. Yam: C5,4e.
0156+5918 296	MaeSoy 202.
0158+5512 297	Hα emission star No. 658 in Publ. Vat. Obs. 1, No. 12.
0201+5750 305	MaeSoy 206.
0201+5818 303	CCCS 90.
0202+6106 306	Also Nik3 2.
0206+5650 310	Also Ste, two surveys. Hα emission reported by Bidelman (1965).

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0214+4739 324	May be S, not C. Very strong D lines.
0215+1214 327	D 1 (R), Van 5 (R8), Ste. A CH star (K–M, Yam(C4,4)).
0215+6416 325	The quoted RA is by 16 s greater than Kurtun and DEC is by $1'$ smaller (Ste).
0216+6253 326	Also Nik3 13, Ste.
0221+6004 339	Also Bidelman, SoyMae91.
0225–1323 353	$-14°450$ (BidMac).
0226+5207 350	D 248 (N), IRC+50061. Yam: C5,5.
0227+5859 352	Also SoyMae91.
0228–0721 357	Yam: C4:,0+.
0229–2605 361	Hanbl, IRC–30021. See also Sanford (1944).
0232+5814 365	CCCS 105. The identification of the carbon star with the variable can be made from the charts published for each.
0232+5951 364	Also SoyMae91. Identical with CCGCS 362.
0233+5802 6034	Also GWSK, VKL92, AFGL 341.
0235+5608 372	A 6168 star (De). Yam: C4,5.
0235–0926 378	$-10°513$, Ste (R). San: R4; Yam: C2,3J.
0238+5545 384	D 250 (R), C 544, Har (LR), Ste. Yam: C4,5J.
0238+3910 387	$+38°525$, D 160 (R). Yam: C5,4.
0240+6216 388	Also SoyMae91.
0244+6018 398	The quoted position is from an infrared Case plate. (Ste).
0246+4707 403	BSD 22-3484 (NA), Ste (N:).
0250+5853 409	SoyMae position is used which differs by $1'$ in DEC from Ste.
0252+3828 417	Probably V448 Per = NSV 966 (Bidun).
0253+5957 415	SoyMae position is used which differs by about $1.5'$ in DEC from Ste.
0311+5754 451	D 255 (R), C 2, Van 8 (R5), Har (ER), Ste, SoyMae91, AFGL 453, IRC+60113, CCCS 131. San: R6; Yam: C4,5J.
0313+4749 461	D 256 (R), Har (EN), Ste, IRC+50088, CCCS 134. Yam: C7,4.

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0312–5719 471 HR 977, –57°626, Hen.

0316+5823 467 Also SoyMae91. Dean: C5,3.

0316–2810 478 –28°1082 (BidMac).

0318+6128 473 Also SoyMae91.

0324+6035 489 Also SoyMae91.

0326+4731 496 Also SoyMae91 AFGL 489, IRC+50096.

0327+4410 500 +43°726, D 260(R), Van 9. Yam: C5,3e.

0328+2040 503 IRAS spectral tracing confirms carbon star.

0332+5244 514 Also SoyMae91. In area of the open cluster Berk 9.

0332+4126 515 CCCS 149.

0339+6141 531 The SoyMae91 position is given.

0340+5905 534 The SoyMae91 position is given; the Nik3 RA is about 7 s smaller and DEC is 15″ smaller.

0340+6105 535 The SoyMae91 position is given.

0341+6238 540 +62°596, D 264 (N), C 697, Har (N6), Ste (N), IRC+60124. SiC_2 bands. Also San: N. The star has two detached gas shells.

0341+5130 541 +51°762, D 265 (N), MSB 3 (N), Har (LN), Ste (N), SoyMae91.

0345+5621 553 The SoyMae91 positon is given. NSV 1253 according to the Case paper.

0345+5355 555 Assumed to be Nik4 13, received with no minutes of declination. The quoted position is from two accordant Ste survey plates.

0345+4446 556 D 266 (N), Ste (N), IRC+40067.

0346+5139 559 Also BidMac.

0350–4332 576 Pots 167-194 (R4), Hen 3.

0352+3951 572 IRC+40070. Revised coordinates. The position of the variable is 2′ away. GJBSW identify it with IRAS 03488+3934.

0353+5043 574 The SoyMae91 position is given.

0356+4348 578 C 551, Har (LR or N), Ste (N).

0358+1154 588 Also Ste (R). NSV 1426. Yam: C4,3.

0400+5844 583 The SoyMae91 position is given; the Case RA is about 6 s smaller and DEC is 1′ larger.

0400+2332 594 Yam: C3,3J.

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0403+5613 599 CCCS 174

0403+5541 600 The SoyMae91 position is given; the Nik4 RA is 8 s larger and DEC is 45″ larger.

0404+2314 610 Yam: C3,0CH.

0405+6147 608 +61°667, D 272 (R), Van 13 (R8), Ste, AFGL 4316S, IRC+60138. K-M: C5,3; Yam: C5,4J. HD: a typical R8 star.

0408+6127 614 Also MacCon.

0410+5126 619 The SoyMae position is used which differs by about 1′ in DEC from Ste.

0410+4426 622 NSV 1481.

0411+5119 623 C 4, Ste (N), SoyMae91.

0412+5109 625 CCCS 184.

0415+5255 634 +52°790, BC 190, a Dearborn M star, is about 5 ′ away, and IRC+50112 is midway between both, hence probably is blended by both stars.

0416+5037 643 C 5, Ste (N), SoyMae91, AFGL 558, IRC+50115. Strong SiC_2. Yam: C6,4. See also Bidelman (1954).

0417+0653 657 Bidun finds the C_2 bands, if present, to be very weak. Never picked up on any Case survey. Dean, from the visual region, classified it as K5.

0418+2621 654 Formerly identified with BO Tau, now considered to be of RR Lyrae-type.

0419+4710 653 Also SoyMae91. Strong D lines (Ste).

0419+4107 659 C 559, Har, Ste.

0425+5256 680 Also SoyMae91.

0425+5014 679 Also SoyMae91. The C 73 published DEC was 1° in error.

0426+5146 682 CCCS 210

0426+5012 681 Also SoyMae91. C 74 had its published DEC misprinted by 1°.

0428+2531 696 CCCS 213.

0429+3952 701 D 166 (N), C 561, AFGL 582, IRC+40089.

0430–6559 725 Noted in HD as perhaps intermediate between classes K and R.

0431+4514 707 Strong SiC_2 bands (Ste).

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0431+1739 714 Spectrum Ne quoted by Luyten and Merrill (1954).

0439+4137 737 C 78, Ste(N).

0442+3606 6086 May be protoplanetary nebula in the process of formation (GCVS).

0445–3131 777 Also BidMac.

0447–3612 788 –36°1884, Hen 5. Yam: C6,3.

0448+4418 771 Very weak C_2.

0449+3958 780 An LS V OB lies near the same declination and 1.4 s east of the carbon star. The two stars are of similar brightness on the infrared plate (Ste).

0449+3500 781 D 171 (R), C 504, Van 15 (R8), Har (ER), Ste. Yam: C4,3CH. Spectroscopic binary with a period of 2954 days.

0450+1547 793 D 6 (N), C 699, Ste, CCCS 253.

0451+6810 769 +67°350, D 275 (N), C 698, Ste, AFGL 633, IRC+70055. HD: a typical star of class Nb; K-M: C5,4.

0451+4340 789 In area of the cluster NGC 1664, nonmember by proper motion.

0451+2831 794 +28°707, D 172 (N), Har (N), Ste, MaeSoy2 2, AFGL 639, IRC+30098. GCVS: C4,2–C7,4.

0452+3830 797 Also Ste (CS, probably weak C), AFGL 643, IRC+40101, CCCS 257. Yam: C8,1J.

0453+4957 803 AFGL 4385S, IRC+50130.

0453+4041 805 The identification chart published by the Gonzaleses (1956) plus a Case plate show that this is their Hα-emission star No. 306. The spectrum shows SiC_2 bands (Ste). The quoted position is from two accordant plates of the Ste infrared survey.

0453+2246 808 MaeSoy2 4.

0454+4954 806 D 276 (R), C 329, Ste (N).

0455+4150 814 Not the nearby 0455+4152.

0457+3207 819 V336 Aur, MaeSoy2 7.

0458+1654 826 Noted by Luyten (1956) as a very red star.

0459+0807 828 +7°768, D 9, Ste. KB: SC6/10e; Yam: C8,1e. See also Bidelman (1954).

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0459–1448 833 HD 31996 (Pec), –15°915, Ste (N), IRC–10080. K-M: C7,4+; Yam: C7,4e. See also Bidelman (1954). HD: like VX And.

0500+4548 827 A weak CS star, with no certain C_2. Possibly an S star. Published as a reddened early M (therefore a presumed supergiant) by Nassau and Blanco (1957), their No. 116.

0503+5037 836 +50°1112, D 277 (N), Har (N), AFGL 672, IRC+50135. Yam: C5,4.

0503+4218 839 Also Fuen 3.

0505+0110 853 +0°939, D 12 (N), Ste (N), AFGL 683, IRC+00066. San: N; K-M: C5,3. See also Bidelman (1954).

0509+3900 860 +38°1035, D 173(N), C 7, Har (N), Ste, Fuen 7, IRC+40115. Yam: C5,4.

0509+2954 864 MaeSoy2 11.

0509–0530 875 –5°1174, Ste (N), IRC–10083. San: N.

0510+3923 866 CCCS 293.

0510+3949 867 CCCS 292.

0511+2938 874 MaeSoy2 13.

0511+1450 876 Missing from the longer Dearborn list, but according Ste the Case plates definitely confirm this star in this position. Dean: C6:,9.

0512+1453 879 Present in the early short list of the Dearborn carbon stars but not in the later longer list of red stars; but the Case plates confirm the carbon star (Ste).

0514+3447 883 Also Fuen 14, Ste.

0515+1158 893 +11°755, Ste (N), Epc90-6, IRC+10081.

0517+2741 896 Also Fuen 21, MaeSoy2 15.

0517+3212 899 MaeSoy2 16, Ste.

0517–7110 931 Very weak C_2 (Ste, Sndlk). Within 2° of a similar star, HD 36598. In the Large Magellanic Cloud field; Fehrenbach reports high velocity.

0518+3515 900 Also Fuen 23, Ste.

0519+3547 904 D 178 (N), C 8, Har (EN), Upgr68, Ste, Fuen 25, AFGL 4401S, IRC+40120. San: N. Visual companion $V = 13.43$ mag, $24''$ away.

0521+3723 910 Also Fuen 28.

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0521+3230 911 +32°957, D 179 (R?), C 9, Upgr68, Ste (N), Fuen 29, MaeSoy2 18, AFGL 735, IRC+30110. ADS 3934A, 3.5″ in PA 4°. SiC_2 (Merrill 1926). The only known carbon star whose spectrum shows Ne III and O III, cf. Sanford (1950b). See also Gordon (1968) and Bidelman (1954).

0521+0721 914 NSV 1941, BidMac, IRC+10083, CCCS 319. Yam: C4:,4.

0523+3228 917 MaeSoy2 20.

0524+3432 921 Fuenmayor's position, given here, differs by 1 min in RA from Upgr68, but is supported by a computer overlay.

0524+3032 923 Also Fuen 36, MaeSoy2 23.

0525+4908 925 The Dearborn position, quoted here, has been checked by a computer overlay.

0525+3349 926 Also Fuen 38.

0526+3224 936 Upgr68, Ste, Fuen 45, MaeSoy2 25.

0526+2402 938 MaeSoy2 26.

0526+3200 939 Also Ste, MaeSoy2 27.

0526–7004 984 About 2° from a similar weak-C_2 star, HDE 269343. A Ba II star according to MacConnell et al. (1972).

0527+3408 941 +34°1044, C 10, Upgr68, Ste, Fuen 49, AFGL 748, IRC+30114.

0528+3430 946 Also Fuen 51, Ste.

0528+3529 948 Also Ste.

0529+4324 950 +43°1278, D 280 (R), C 272, Ste (N). San: N; Yam: C5,4.

0529+0329 958 Also Ste (N).

0530+3159 956 MaeSoy2 29, Ste.

0530+3143 959 MaeSoy2 30, Ste.

0531+3439 961 Ste, Fuen 63.

0531+3154 962 Ste, Fuen 64, MaeSoy2 31.

0531+2816 964 MaeSoy2 33.

0531+2333 965 MaeSoy2 32.

0532+2931 966 MaeSoy2 34.

0532+2940 971 MaeSoy2 35.

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0532+3256 972 Upgr68, Ste, Fuen 71, MaeSoy2 36.

0532+2829 973 MaeSoy2 37.

0532+1544 977 De: C5,3.

0533+3211 976 MaeSoy2 38.

0533+3320 981 Also Ste.

0533+0709 988 +7°929, D 22 (N), Ste (N), IRC+10089.

0534+2451 990 D181 (R), C 505, Dol62, Ste, Fuen 78, MaeSoy2 42. Har: ER.

0535+3351 991 Ste, Fuen 79.

0535–2543 1004 –25°2539, Van 17 (R8), Sto III-1(N), Hen 7, AFGL 4429S, IRC–30046. Yam: C6,4. According to *Hipparcos* data, periodic N-type variable with the shortest known period of 82.7 days.

0537+3003 1003 MaeSoy2 46.

0538+2249 1006 MaeSoy2 47.

0538+3026 1008 MaeSoy2 48.

0539–0807 1017 Also IRC–10095, Epc90-9, AFGL 796. 2′ position difference with GCVS.

0539+3326 1009 Also Fuen 86.

0540+4919 1007 C_2 is not reached on the Ste plate, but very strong CN.

0541+6847 998 +68°398, D 281 (N), Van 16, IRC+70064; see also Bidelman (1954). San: R8e; Yam: C7,2Je.

0541+3437 1014 Also Ste.

0541+1217 1022 Also Epc90-10, IRC+10094. Possibly NSV 2557, although a Haro Hα-emission object is also nearby (but different from the carbon star). The Dearborn position has been slightly improved with the aid of a Case plate and a computer underlay.

0542+2817 1025 MaeSoy2 53.

0542–1646 1035 Yam: C2:,0+.

0543+3340 1026 Also Fuen 95.

0543+1004 1031 De: C6,3.

0543–4627 1052 The spectral type in Pickering (1911) appears to be due to Mrs. Fleming. Bidun has noted SiC_2 in the spectrum.

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0545+2425 1038 +24°943, D 183 (N), C 11, Van (C:), Ste (N:), Har (N), Fuen 100, MaeSoy2 57, AFGL 390, IRC+20120. Spectrum composite, see Gordon (1968). Sanford: N. Spectroscopic binary.

0545+2529 1041 MaeSoy2 58.

0545+2041 1042 +20°1083, D 30 (N), C 507, Van (N), Ste, Har (EN). San: N; Bid: C7,4e; Yam: C6,4.

0545+1530 1043 +15°921, MSB 13 (N), D 31 (R), C 508, Ste (N). Yam:C5,4.

0545+1216 1044 AFGL 393, IRC+20121. Very strong D lines.

0546+2538 1049 MaeSoy2 61.

0547+2851 1053 Also Fuen 105, MaeSoy2 63.

0547+3034 1058 MaeSoy2 65.

0548+4454 1057 MSB 14, D 285 (N), IRC+40141.

0548+3037 1061 +30°1014, D 184 (N), C 273, Har (LR pec), Ste (R-N), Fuen 110, MaeSoy2 67. San: N.

0548+2613 1067 MaeSoy2 69.

0549+3202 1068 MaeSoy2 70.

0549+1904 6106 Spectral class from GCVS.

0550+2517 1078 MaeSoy2 73.

0550+2216 1079 MaeSoy2 74. In area of the open cluster Berk 72.

0550–0203 1086 Letter from Boeshaar to Bidelman: V–I = 3.7 mag.

0552+3211 1088 Ste , Fuen 122, MaeSoy2 76.

0552+2954 1089 NSV 2684, Fuen 123, MaeSoy2 77.

0552+2950 1090 MaeSoy2 78.

0553+3038 1092 MaeSoy2 79.

0554+2838 1096 Also MaeSoy2 84.

0554+0105 1101 Also BidMac.

0554+3011 1098 MaeSoy2 86.

0554–8403 1212 Mayall (1951) identifies with CPD –84°86.

0555+3127 1099 Fuen 133, MaeSoy2 87. BN Aur is about 5′ distant from this C star.

0555+3402 1100 Also Fuen 134.

0555+3202 1103 Also MaeSoy2 89. CS type in the red spectral region, but enough infrared CN to be called carbon by Nassau-Blanco, Fuen, MaeSoy, and Ste. AY Aur

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is nearby and seen separately (on the red and infrared objective prism plates) as an M star.

0556+3352 1104 Har: LR.

0556+3006 1109 NSV 2735, MaeSoy2 93, Ste.

0557+3351 1110 Yam: C2,3.

0558+2828 1118 Fuen 144, MaeSoy2 98.

0559+2447 1126 MaeSoy2 100.

0559–1052 6109 IRC–10104.

0600+3045 1130 Fuen 150, MaeSoy2 103.

0601+3940 1128 D 185 (N), Ste, IRC+40151. Bid: C8e; Yam: C7,1e.

0601+4932 1129 Very weak C_2.

0601+2105 1133 Also Fuen 153.

0601+2927 1136 Ste, Fuen 156, MaeSoy2 105.

0601+0638 1145 A weak C, like R CMi, according to A. E. Greene's unpublished Ph.D. thesis (Ohio State).

0602+2931 1142 Ste, Fuen 159, MaeSoy2 107.

0602+2938 1144 Fuen 160, MaeSoy2 108.

0603+2559 1149 Also MaeSoy2 110.

0603+0725 6113 Also Fou92, Gug93, GJBSW, AFGL 865, OLFHHS, VKL82.

0604+4717 1148 Also Ste (N).

0604+2652 1151 Fuen 164, MaeSoy2 111.

0604+1010 1158 Silicate CSE. Water maser emission at 22 GHz (Engels 1994).

0607–0435 1168 Weak C_2.

0608+2242 1169 Fuen 170, MaeSoy2 116.

0609+4054 1167 De: C6,2.

0609+3001 1172 MaeSoy2 117.

0610+3203 1173 MaeSoy2 118.

0610+3037 1177 MaeSoy2 119.

0610+2600 1179 +26°1117, D 189 (N), C 276, Har (N), Ste, Fuen 183, MaeSoy2 120, IRC+30143. San: N.

0610+0808 1183 Very red.

0611+2414 1185 MaeSoy2 122.

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0612+2739 1189 MaeSoy2 123.

0617+0831 1222 Also C 12, SoyMae93, Epc90-16, AFGL 910, IRC+10113.

0617–0015 1226 –0°1246, D 39 (N), MSB 16, May51 (N), BidMac, CCCS 482.

0618+2008 1227 Also Fuen 201.

0618–0107 1230 CCCS 486.

0619+0519 1236 De: C6,4e.

0621+0720 1246 D 41 (N), C 131, Epc-18, AFGL 920, IRC+10118. San: N; Yam: C4,3e.

0623+0829 1254 IRC+10119.

0623–0727 1256 Also BidMac. CCCS 504.

0623–1029 1258 The quoted position is from a single Tololo plate, which differs from Mayall's position by 0.4 min in RA and 3′ in DEC (Ste).

0623–2703 1263 Sto III-2 (N), Hen 10, BidMac (SiC_2), HanBl, IRC-30060, CCCS 507. N + A5 V, according to Richer (1972). Spectroscopic binary.

0624+4742 1244 +47°1291a, D 289(R), Ste (N). Yam: C6,2e. There is no doubt, the N star was incorrectly identified by the IDS catalog with ADS 4988 (+47°1291), which is actually half a degree distant from +47°1291a. See also Bidelman (1954).

0624+2501 1251 +25°1250, D 190 (N), Har (N), Ste, IRC+30150. Yam: C5,3e.

0624+0826 1257 Also SoyMae93.

0625+1443 1264 +14°1283, BL Ori, D 46, C 277, BSD 74-1087(NA), Fuen 209, AFGL 934, IRC+10121. San: N.

0625+2057 1268 NSV 2957. The Case list mentions an emission-like feature at 850 nm.

0625–0932 6149 Also GJ93, GWSK.

0626+1904 1269 MSB 21, D 47 (N), C 387, AFGL 937, IRC+20145, Ste(N, SiC_2). Yam: C5,4.

0627+2236 1272 Perr59 misidentify it with HDE 257290 (K0). The quoted position is from Ste red survey plate.

0630+1228 1290 D 48 (R), C 278, Ste (N), SoyMae93. Yam: C4,5J.

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0631+1606 1292 Ste (N:), Fuen 215.

0631–0531 1293 A CS star, showing no C_2 on a 600 Å/mm objective prism plate of the blue region (Ste).

0634+4230 1300 +42°1571, D 290 (R), Ste (N), IRC+40157. Yam: C4,5.

0634+2323 1305 Also Ste (N).

0634+1604 1309 D 51 (N), C 279, Ste (N), AFGL 959, IRC+201521. K-M: C8,3; Yam: C8,3e. Strong D lines.

0636+3826 1316 HR 2405, +38°1539, D 192(N), Ste(N), AFGL 966, IRC+40158. Yam: C6,4. Sanford (1926) noted variable strength of the (much later identified) SiC_2 bands.

0636+0604 1319 Very red.

0636+0325 6167 AFGL 971.

0637–1205 1332 SiC_2 bands.

0638+0859 6169 14″ from RZ Mon (M6).

0638–0425 1336 Near, but different from, V397 Mon.

0639+2236 1337 D 52, Ste.

0639+0519 1346 Also SoyMae93.

0640+1846 1349 Also Ste (N:). Yam: C3:,3.

0640+1234 1352 Also SoyMae93.

0641–2009 1356 Also BidMac.

0641–2216 1357 HanBl (C), AFGL 4521S, IRC–20101.

0642+3127 1355 +31°1388, D 193(R), C 700, Van 21(R8), Ste(N), IRC+30163.

0643–0845 1373 Also MacCon. CCCS 568.

0643–0532 1375 MacCon 33, Ste.

0644+0319 1378 +3°1381, D 56 (N), C 13, MacCon, HanBl, SoyMae93, IRC+00 125. San: N. Very red.

0644–7239 1425 CPD–72°523 = CD–72°353.

0645+0940 1383 Not C 396, though near. Also Ste, SoyMae93.

0646–1252 1392 Strong D lines.

0647+0712 1398 SoyMae93 position indicated, the Case RA is by 7 s too large.

0647+0013 1400 MacCon 43.

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0647+0040 1401 D 60 (N), C 140, MacCon 44, HanBl, AFGL 4531S, IRC+00125. GCVS: C4–5,4–5.

0649+0404 1415 MacCon 54, AFGL 1017, IRC+00131. Near, but different from +4°1462.

0649+0258 1417 MacCon 55, SoyMae93, IRC+00131.

0650–4153 1446 Hen 12, BidMac.

0651+0513 1431 MacCon 64, SoyMae93.

0651+0511 1436 MacCon 67, Gug93, SoyMae93.

0651–0201 1440 Also SoyMae93.

0652+2633 1433 C_2 not clearly visible.

0652–0708 1444 Also Ste.

0652–1209 1450 Ste, MacCon, Epc90-58, AFGL 4538S.

0653+0418 1448 Weak C_2.

0653–0434 1453 –4°1708, D 64 (R), C 14, Van 22 (R8), Ste (N:), MacCon, IRC+00136.

0653–3146 1460 Hen 13, BidMac, CCCS 612.

0654+1050 1461 Fairly strong D lines.

0654+0900 1458 Also SoyMae93.

0654–0801 1464 C 409, MacCon; see also Bidelman (1954). Yam: C6,3e.

0654–4221 1478 HR 2591, –42°2818, Sto III-16(N), Hen 14. Yam: C7,2.

0655+0622 1465 Also C 409, MacCon, AFGL 1038, IRC+10144. Yam: C6,3e.

0656+1057 1473 Also SoyMae93.

0656+0704 1474 Also SoyMae93.

0656+0344 1476 MacCon 82, Ste.

0657+4107 1466 +41°1556, D 194 (R), Ste (R). Yam: C4,5J.

0657+0619 1480 D 69 (N), C 412, MacCon, SoyMae93. Coord. from the last source are given, the position indicated by Ste is about 2.5′ in error.

0658+0610 1489 +6°1462, D 71(R), C 280, MacCon, SoyMae93, AFGL 1045, IRC+10146. SiC_2 noted by Sanford (1926). K-M: C5,4.

0700+0511 1501 Also MacCon, SoyMae93. De: C5,4.

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0700–0652 1503 Never found on any Case plate, despite special searching for it (Ste).

0701–0315 1507 –3°1685, D 77 (R), Van 23 (R5), Ste, MacCon 93, AFGL 1053, IRC+00141. K-M: C4,4; Yam: C4,5J.

0701–0531 1508 Also Ste.

0702+0850 1511 SoyMae93 position is indicated.

0703–4443 1539 Also BidMac. A brighter star is SW (Sto).

0704–1606 1532 NSV 3361, Ste.

0705+6811 1500 HD: Resembles VX And. Yam: C4:,4J.

0705–7300 1599 Flem12 (Md?), Hen 16. Called a carbon star by Bidelman (1954) purely on the basis of its color index; confirmed by The (1968).

0706–0733 1549 C 15, Ste, HanBl, AFGL 1070, IRC–10149, MacCon. K-M: C6,5. SiC_2 bands noted by Sanford (1926). They are very strong, comparable to V.Aql.

0708+1001 1561 +10°1428, D 78 (Sp), C 701, IRC+10154. Yam: C7,1J. A CS star. See also Bidelman (1954) and Stephenson (1965).

0708–0017 1568 CCCS 677, Ste.

0708–1155 1565 –11°1805, C 16, Van 24 (R8), Ste (N), MacCon, AFGL 1075, IRC–10152. HD 54306, a B star $V = 8.76$ mag, $158''$ away; see Gordon (1968).

0708–1328 1567 MacCon 122.

0709+0402 1569 Also SoyMae93.

0711–0527 1587 MacCon 138.

0712–2017 1601 AFGL 1055.

0712+0047 1593 Yam: C2,3J.

0712+1436 1595 +14°1598, BSD 75-459, D 81 (N), C 702, AFGL 4574S, IRC+10156, Ste (close to CS). Bid: C8e; De: C9,1e; Yam: C7,2e. Outstanding D lines on a Case plate.

0713–1941 1612 Sndlk (N), MacCon, Ste.

0714–1723 1615 NSV 3482, Sndlk (N:), MacCon 154, Ste. Yam: C5:,3:.

0714–3932 1629 Also Hen 17.

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0715+0502 1616 D 82 (N), Ste65 (N, strong SiC_2), SoyMae93, AFGL 1092, IRC+10158, CCCS 695. Yam: C5,5. IDS F star 60″ is in PA 200° from the carbon star. In outskirts of the open cluster NGC 2353.

0715–1251 1621 Very strong D lines noted on a Case plate by Ste.

0715–1729 1624 Also MacCon 159, Ste.

0717–2900 1643 Has M-type visual companion, see ApJ, 172, L115, 1972.

0717–3620 1650 In area of the open cluster Col. 135.

0718–0747 1646 MacCon 171, Ste.

0719–4258 1660 Hen 18, BidMac, NSV 3537.

0720+2459 1653 +25°1643, D 196 (R), Ste (R-N), IRC+30182. Yam: C5,4J. Silicate CSE.

0720–2020 1659 CCCS 720. SiC_2 (Sandlk). De: C4+,3.

0720–0733 1661 MacCon 176, Ste.

0720–1912 1662 Also MacCon.

0721+6940 1622 D 292 (R). K-M: C0,1–C3,1; Yam: C0,1. See note in GCVS.

0721–1445 1668 Weak C_2, but very strong CH and CN in the blue spectral region.

0721–2353 1671 Westerlund's position was in error by 1 min in RA, according to MacConnell.

0721–2027 1673 De: C5,4. Also Ste.

0722–1038 1682 Silicate CSE. Water maser emission at 22 GHz (Engels 1994).

0722–2206 1679 Probably, this is MacCon 180 which has RA by 1 min smaller.

0723–0412 1686 –3°1873, Van 26, MacCon, CCCS 739. San: N; Yam: C5,4; De: C4+,3.

0723–2258 1695 –22°1850, B-M 6, W 1-6, Ste (R8), Hen 20, MacCon. De: C4,3J; Yam: C5,5J.

0724–0437 1698 Silicate CSE. Water maser emission at 22 GHz (Engels 1994).

0724–1252 1696 Also GJ93.

0725–0308 1704 –2°2101, MacCon 196, CCCS 753. De: C6,2.

0725–2659 1716 Very strong D lines.

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0726+2154 1702 D 85 (R), Van 27 (R5), Ste (R). San: R4; De: C3,2; Yam: C3,3J. HD likens this star to HD 58364 (0726+2153 of the present catalog), which according to Bidelman has the same proper motion.

0726+2153 1703 D 86(R), Van 28(R5), Ste(R). Yam: C3,3J De: C4,3p. Common proper motion with 0726+2154.

0726–0402 1708 Very strong D lines.

0726+0225 1710 Published as +2°1677 in the Dearborn lists, but the Case plates show that the BD star is of early type. (Ste).

0726–1945 1715 Also Ste. Extremely red, see IAU Circ. 2118, 1968. Very strong red CN. De: C5,4.

0727–0308 1723 Also Ste65(N:). De: C4,2.

0729–1927 1732 AFGL 1131, IRC–20131, MacCon, NSV 3610, Ste.

0730–2008 1740 Also Ste.

0731+2430 1737 +24°1686, D 197 (N), Van 29 (R8), Ste (N:). San: R6. Greene and Wing (1971) mention hydrogen emission, plus an ultraviolet continuum like CH Cyg.

0731+0411 1738 Strong SiC_2 bands. De: C3,2.

0731–1013 1743 The early Case papers suggest that this star is KQ Mon but the identification chart, as well as the present coordinates, based on accordant plates, indicate that it is not. (Ste).

0732+0549 1749 SoyMae93 position is given, the Ste85 DEC is by 1.3′ larger.

0732–1820 1760 Also Ste.

0733–2226 1774 Also W 3-3. Westerlund's DEC was in error by 1°.

0734–2524 1777 Not the rather nearby CT Pup.

0734–2237 1780 W 3-4 was originally published with its DEC 1° in error. Ste confirmed the position given here via two independent surveys, neither of which finds anything in the position of the nearby W 3-5.

0735+5132 1756 Also Ste(R-N). CCCS 795. Bidun has noted strong SiC_2 bands, hence the star is of class N. De: C5,4; Yam: C4,5J.

0735–1506 1784 Also MacCon.

0735–2856 1786 Also Hen 22.

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0735–2336 1790 B-M 21, Ste, W 5-1, MacCon. San: N. Quite red, but a Tololo plate shows strong violet CN, which makes it class R in Shane's system. (Ste).

0736+0204 1787 +2°1715, D 90 (R), Van 30 (R8), Ste (N), HanBl, IRC+00158. K-M: C5,5; De: C5,4; Yam: C5,5.

0737–2058 1804 Also W 3-7, Ste. W 3-7 was published with a 1°declination error.

0738–2341 1809 Also MacCon.

0738–2158 1814 Westerlund's position is 1° declination error. There is no star in the original W 3-9 position in the Ste infrared survey, which confirms MacConnell's position.

0738–3524 1819 Wray 21, Hen 23.

0739–2224 1817 Also W 3-10. The W DEC is 1° in error.

0739–2742 1822 Hen 24, HanBl, AFGL 4621S, IRC-30077. De: C5,3.

0739–4028 1825 Strong D lines.

0740–2243 1826 Also W 3-11, where the published DEC is 1° in error.

0741–1218 1832 BidMac, MacCon.

0741–2110 1833 Also MacCon, Ste. In area of the open cluster Pis 3.

0741–2414 1841 Also Ste.

0741–2311 1843 Also MacCon.

0742–2700 1846 Strong D lines.

0742–4412 1853 Also Hen 26. Strong D lines.

0743–2041 1850 Also Ste.

0744–2221 1855 Also MacCon.

0744–2824 1859 In area of the open cluster Haffner 14, 2′ away from its center.

0745–2239 1860 BidMac, MacCon.

0745–1950 1863 Also Ste.

0746–2214 1867 Also MacCon. The published B-M 35 position was apparently precessed from the wrong equinox.

0746–1500 1869 Also MacCon.

0746–2644 1871 Also Ste(R).

0747–1646 1873 SiC_2 bands.

0747–2034 1874 Also Ste.

0747–1157 1877 HanBl, IRC–10177, MacCon.

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0748+0523 1881 +5°1797, D 91 (N), Van 31 (R8), Ste (N). Yam: C7,2.

0748–4843 1904 Wray 29, Han 28, BidMac.

0749–1715 1893 In area of the open cluster Berk 40, 2′ away from its center.

0750–0052 1891 Also Ste(R-N), CCCS 906. De: C5,5J; Yam: C5,5J. Has an A6 III-V: visual companion, see Gordon (1968), 4″ away.

0750–1333 1899 Also MacCon.

0750–2124 1900 Westerlund's published RA is too small by 1 min (MacCon).

0750–3847 1910 Also Hen 29, CCCS 921. Strong D lines. In area of the open cluster NGC 2477.

0750–4752 1912 Extremely red.

0751–2113 1911 In the blue region the C_2 is nearly as weak as in the stars called K5R in the HD catalog.

0751–0237 1907 Also Lo74, AFGL 1189, IRC+00162, V633 Mon. Hanson and Blanco classify it as S+C?

0751–4629 1927 NSV 3779. Strong D lines.

0752–3243 1928 Quite red.

0752–4402 1929 In area of the open cluster NGC 2477.

0752–3828 1930 NSV 3788. Lies within the apparent boundaries of NGC 2477, a large open cluster.

0753–0949 1922 MacCon: may be CH-like star.

0753–3054 1935 Also MacCon.

0753–3032 1936 Also MacCon.

0754+7213 1876 Called carbon from the redness and CN strength on a red-region Case plate, underexposed in the region of the C_2 band (Ste).

0754–3220 1941 Ste, Hen 33.

0754–4354 1950 Sndlk, Hen 35.

0755–0311 1944 De: C6–,4.

0755–2939 1949 Wray 36, Sndlk, W 14-6, Hen 34, MacCon, CCCS 956.

0755–2928 1951 Also MacCon, IRC–30106.

0756–4958 1968 Sto III-21 (R), Hen 36. CCCS 967.

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0757–0041 1960 Yam: C4:,3.
0757–2825 1967 Also MacCon.
0759–1914 1976 BZ Pup is nearby.
0759–3120 1982 Also MacCon.
0800–3353 1995 Wray 38, Ste, Hen 37, MacCon2000.
0800–0445 1981 Also BidMac. Yam: C2:,2:.
0802–0207 2007 AGK –1°1166, BidMac. De: C5,4; Yam: C4,5.
0802–3032 2010 Also MacCon.
0802–3057 2012 Also MacCon.
0802–3137 2025 Ste, Hen 41, MacCon, MacCon2000.
0802–3811 2011 Star has a silicate CSE.
0803–2404 2022 Also BidMac; Henize (ApJS 30, 491): Ce.
0803–2350 2024 Also Hen 40. SiC_2 bands noted by Ste.
0803–3130 2033 Also MacCon2000.
0803–3256 2030 CCCS 1018.
0804–0307 2028 Ste cannot find the evidently variable carbon star on objective prism plates. An S star, No. 454 of the 2nd ed. of the S-star catalog, is nearby and well confirmed.
0804–4051 2042 Also MacCon2000.
0805–3346 2044 Also VB 29067-6, MacCon2000.
0805–3209 2047 CCCS 1033. B-M note an M2 star 25″ SE of the carbon star.
0805–3012 2048 W 18-4, Sndlk, MacCon.
0805–3846 2051 –38°4049, W 19-11, Sndlk, Hen 44. Strong D lines noted on a Tololo plate, but independently classified R on three blue-region Tololo plates (Ste). War, Yam: C6,2.
0805–3441 2055 Also VB 29067-7.
0807–2947 2063 Hen 45, MacCon. Near the open cluster NGC 2533.
0807–2254 2064 –22°2160, Wray 48, Ste(N), Hen 46, AFGL 4666S, IRC–20156. MacCon2000. Yam: C5,4.
0807–1947 2065 Also BidMac, NSV 3910.
0807–3710 2067 The F component completely dominates the blue spectral region (Ste).
0807–3341 2069 Also VB 29067-10.

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0807–3223 2071 Also VB 29067-9. CCCS 1052.

0807–3352 2074 Also MacCon2000.

0808–3253 2082 Also MacCon2000.

0808–3318 2080 Also VB 29067-13, MacCon2000.

0809+0503 2077 NSV 3927, Ste (N). Vyssotsky and Balz (1958) liken the spectrum to that of WZ Cas; No. 2433 of Lee et al. (1943), where it is called K5. Yam: C7,3.

0809–3403 2085 Also MacCon2000.

0809–3617 2086 –35°4257, Wray 50, W 20-6, Sndlk(N), Hen 48, BidMac (SiC_2), also SiC_2 by Ste. De: C6–,3e. Rediscovered as a long-period variable by Hees et al. (1969), and thought to be distinct from FK Pup probably because the 2nd ed. of GCVS did not identify FK Pup with the CD star (Ste).

0809–3530 2087 Also VB 29067-18.

0810–2932 2090 Hen 49, MacCon.

0810–3252 2101 Also MacCon2000.

0810–3308 2091 Also MacCon2000.

0810–3356 2096 Also VB 29067-21.

0810–3400 2099 Also VB 29067-22.

0810–3515 2102 Also VB 29067-23.

0811–2112 2104 –20°2429sp. The carbon star is 1′ in PA 200° from the other component (type G5). SiC_2 bands noted on a Tololo plate by Ste.

0811–3450 2108 Also MacCon2000.

0811–3735 2106 W 23-1, Sndlk. In area of the open cluster NGC 2546.

0812–2645 2109 Strong D lines noted.

0812–3133 2112 Also MacCon2000.

0812–3904 2110 Also MacCon2000.

0813–3334 2114 Also MacCon2000.

0813–4011 2117 In area of the open cluster Rup 56.

0814–4000 2128 Also Hen 50.

0815–3755 2129 Rather strong D lines noted.

0816–1427 2134 –14°2453, Ste, BidMac.

0816–3311 2136 Also MacCon2000.

0817–3336 2141 W 54-3, Ste, Hen 51, VB 29067-31, MacCon2000.

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0818–3702 2147 In outskirts of the open cluster Pis 1.

0818–2554 2148 Ste, Hen 53.

0818–3450 2152 Also VB 29067-33, MacCon2000.

0818–6116 2166 Also BidMac.

0819–1815 2153 Van 33 (R5), Ste (Re). CCCS 1126. San: R7; Yam: C5,5J.

0819–3901 2164 W 26-4, Sndlk.

0820+0245 2150 +3°1958, D (N), Ste (N), HanBl, AFGL 1243, IRC+00172. De: C5,4; Yam: C6,4e. See also Bidelman (1954).

0820+0511 2156 Also Ste (R-N). CCCS 1130. Yam: C3,5.

0820–3227 2169 Also MacCon2000.

0821–3629 2172 Blanco's position is given. Westerlund's position is 1 min W and 2.6′ S.

0821–3607 2175 W 23-12, Sndlk, Hen 54, VB 29067-39. In outskirts of the open cluster NGC 2579.

0822+3331 2165 K-M: C6,3; Yam: C7,1e. See also Bidelman (1954). Ref 191 in that bibliography for this star should be Ref 185.

0822–1554 2177 HanBl, IRC–20165.

0822–2857 2180 Also MacCon2000. Strong SiC_2.

0823–3736 2185 W 23-13, Sndlk. The published declinations for this star range through nearly 5′, rather uniformily. The one given here, from a single Tololo plate, is supported by a computer underlay. (Ste).

0823–3704 2190 W 23-14, Sndlk.

0824–3345 2199 Also VB 29067-44.

0825–3416 2201 Also BidMac.

0825–3843 2200 Also MacCon2000.

0825–3847 2207 Not found on a deep red Tololo plate, perhaps identical with No. 0825-3843 (Ste).

0826–2551 2206 Sndlk, Hen 58, BidMac.

0826–3827 2210 Very red.

0827+2844 6293 Also Tot98. Double-line spectroscopic binary: dwarf carbon star + hot white dwarf (Heber et al., A&A, 267, L31, 1993).

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0828–2715 2219 Wray 79, Sndlk (N), Hen 60, CCCS 1184.

0828–3651 2222 Also Hen 61. De: C6–,4.

0829–2920 2226 Also BidMac.

0830–2742 2228 Sto IV-12, Sndlk, Hen 63.

0832–3010 2235 Also BidMac.

0832–4408 2243 Also MacCon2000.

0833–2956 2247 Sndlk, Hen 64.

0833–4454 2251 Also Hen 66.

0834–3055 2255 Also MacCon2000.

0835–4346 2257 Also MacCon2000.

0835–5923 2266 Stock and Wroblewski note a brighter star SW.

0836–3534 2263 Henize (1976): Se or Ce. The spectrum does look S-like on a Tololo red-region plate, but shows the 5635 C_2 band head. (Ste).

0836–5234 2272 Sto III-23, Sndlk (N:), Hen 69, BidMac, CCCS 1232.

0838–4656 2288 Also Hen 70.

0839–4633 2292 W 31-15, Sandlk. The published coordinates of B-M 86, here identified with B-M 87, are $8^h35.9^m$, –46°12′. If it is not B-M 87 then either its coordinates are in error or it is a variable, since Westerlund did not find it. It is also not visible on a Tololo red plate on which B-M 87, published as 0.4 infrared magnitude brighter, is well exposed (Ste).

0838–5523 2293 The Ste classification as carbon is from one blue and one red Tololo plate, independently.

0839–4756 2300 Also Sndlk.

0841+0726 2301 De: C4,3; Yam: C3,4J.

0842–4712 2315 W 31-20, Sndlk, Hen 73.

0843–2536 2317 Also IRC–30132, HanBl, AFGL 5232.

0844–3255 2323 Strong D lines and weak 4737 Å C_2 (Ste).

0845–2812 2326 –27°5879, Sto IV-16, Hen 76, IRC–30133.

0845–4718 2332 Also Sndlk, NSV 4246. Strong D lines noted on a Tololo plate by Ste, as well as Hα emission, the latter also by Henize (1976).

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0846–2943 2331 Van 37, Sto IV-22(R), Hen 77, IRC–30134, CCCS 1290. San: R8; War: C6,3; Yam C5,5J. Common proper motion with HD 75022, K0 III (Eggen 1971, see also Gordon 1968).

0846+7432 2282 Yam: C3,0.

0847–3418 2334 Hen 78, BidMac. Bright Hβ and Hγ.

0848–4658 2347 W 34-25, Sndlk.

0850–2844 2351 Also Sto IV-12 (S).

0850–3604 2353 Sndlk(N), Hen 80.

0851–3622 2360 NSV 4283.

0851–4952 2364 Sndlk, Hen 81.

0852–3052 2369 Sto IV-29, Ste (R).

0855+1713 2378 HR 3541, +17°1973, D 100 (N), AFGL 1298, IRC+20206. Weak SiC_2 noted by Shane and by Sanford. K-M: C5,4; Yam: C5,4.

0855–3950 2392 Also MacCon2000.

0856+1950 2384 +20°2243, Van 40, Ste, AFGL 1301, IRC+20207. San: R6. The IDS gives a companion star.

0857+5125 2383 D 294 (R), Van 39 (R2). K-M: C1p2 (CH star).

0858–2922 2400 Also Hen 83.

0858–6047 2406 Star has a silicate CSE.

0859+3346 2396 D 199(R), Van 41(R2), Ste(R). Yam: C3,2.

0903+5005 2404 D 295(R), CCCS 1362, Van 42(R5), Ste(R). San: R6; De: C4,3; Yam: C3,5J.

0904–2007 2416 Mayun provided a considerably different declination, it looks like a sign error in the precession.

0905–4714 2429 B-M note strong infrared CN.

0906–5835 2432 Sto III-25, Hen 86.

0906–5634 2434 SiC_2 bands.

0907+2135 2428 Van 43 (R5), Ste (R-N). De: C4,2; Yam: C3,4J.

0913+1412 2449 D 103 (R), Van 44 (R5), Ste, CCCS 1403. San: R6; K-M: C4,4; Yam: C4,4J.

0913–2323 2450 Hen 88, HanBl, IRC–20184.

0915–6614 2463 –65°754, Sto III-31(N), Hen 90.

0918+5124 2458 +52°1378, Ste(N). Yam: C4,4; De: C4+,4.

0920–4722 2480 W 43-1, Sndlk.

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0920–4701 2485 Also Hen 92.

0924–5041 2502 W 44-10, Sndlk, Hen 94, VB 29072-16.

0926–5328 2514 Also VB 29072-25. Noted as very red on a Tololo plate (Ste).

0926–5136 2515 Hen 95, VB 29072-21.

0928–3549 2520 Also BidMac. CPD –35°3524 (May51), CD–35°5709 (Sto).

0928–4958 2521 Also VB 29072-26.

0928–4045 2522 Sndlk (N:), Hen 97.

0928–5116 2526 Also VB 29072-29.

0929–5328 2528 Blanco's position is given. Westerlund's position is 1.9′ west.

0930–5846 2541 Also Ste (N:).

0931–6323 2546 NSV 4524?

0933–4118 2550 Also Hen 100.

0934–5317 2564 In outskirts of the open cluster NGC 2925.

0935–4800 2566 Also W 46-9.

0937–5041 2575 W 49-3, Sndlk, VB 29072-49.

0938–4723 2576 Westerlund's visual mag. of 16 is far too faint to appear on Wray's plates or Ste Tololo plates, so the star possibly is variable.

0938–5546 2581 An S star is close by, independently found by Ste and MacCon79.

0938–6734 2588 Also BidMac.

0939–5520 2585 W 48-10, Ste.

0940–5726 2590 Very strong D lines on Tololo plates, on which the C_2 bands are weak. Rather like some S stars in the 580–680 nm region. Definite C_2 is present on a Tololo slit spectrogram (Ste).

0942–0852 2591 Also Ste. Yam: C3,4.

0943–4644 2603 Also BidMac.

0943–5323 2607 Blanco's position is given; Westerlund's is 1.9′ E.

0944–4643 2611 Also Hen 329.

0945–5000 2618 W 49-11, VB 29072-65.

0946–5658 2622 Also Hen 106.

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0947+1316 2619 Also Wil73. Carbon classification by Herbig and Zappala, ApJ 162, L15.

0948–4947 2627 Also VB 29072-68.

0950–0201 2635 –1°2312, D 104 (N), BSD 101-10 (Nb), Ste (R-N). De: C6,3; Yam: C4,4. See also Bidelman (1954).

0950–5626 2646 Also Ste.

0951+5237 2626 Van 45 (R5), Ste (R). De: C3,2; Yam: C2,3. Spectroscopic binary with a period of 2902 days.

0951–2301 2641 –22°2739, Hen 107, Ste(N), IRC–20199. San: N; K-M: C5,4; Yam: C4,5. SiC_2 noted by Shane and HD.

0953–4420 2649 NSV 4667. Strong SiC_2 bands. A slit spectrogram by Catchpole, PASP 80, 744, 1968, confirms it as a carbon star.

0953–5230 2656 Wray 172, W 52-6, Sndlk, Hen 109. In outskirts of the open cluster Col. 213.

0955–4135 2661 –40°5616, Sto IV-74, Hen 111.

0955–4952 2662 Hen 110, BidMac.

0959–6013 2685 –59°2676, CannMay49, Ste (N), Hen 112. Near NGC 3114.

0959–7212 2688 Also BidMac.

1002–6000 2690 In area of the open cluster NGC 3114.

1003–6000 2692 In area of the open cluster NGC 3114.

1006–5408 2701 Wray 185, W 55-9, Sndlk (N), Hen 113.

1008–3654 2705 Definitely variable between two plates, according to MacCon.

1011–3519 2713 –34°6528, Sto IV-51, Hen 114. Yam: C6,3.

1012–4944 2716 Also Hen 115. The carbon star is 90″ in PA 160° from a CD star.

1012–6013 2720 CCCS 1637.

1014–6043 2726 Also Hen 118. The position given here is the mean of two accordant Tololo plates (coordinates spread 0.2 s in RA, 4″ in DEC); the GCVS position for AM Car (3rd ed.) agrees with this to its indicated precision of 1′. The next nearest candidate for this SR variable is a middle-M star 3.6 s W of the C star and 2.3′ N of it. (Ste).

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1016+3034 2724	CIT 6, Wil73, Lo74, IRC+30129. Position by Clausen et al., 1987, ApJS 65, 385.
1016–5934 2735	Also MacCon2000.
1017+7706 2715	Van 46 (R5), Ste. Yam: C3,5.
1017+7325 2719	Originally noted by Kowal in IAUC 2394 as a very red star at rather high galactic latitude.
1017-1438 2730	AFGL 1406, IRC–10236.
1017–5005 2738	Also Hen 120. SiC_2 bands noted by Ste.
1021–5259 2751	Sndlk (R), BidMac.
1024–5506 2758	W 58-8, Ste, Hen 122.
1024–5024 2759	Also Ste (R0).
1027–2533 2764	–24°9072, HanBl, AFGL 4781S, IRC–30165.
1027–5940 2768	Also MacCon2000.
1028–6734 2774	Also Hen 124.
1029–6014 2780	Also MacCon2000.
1030–5953 2778	In area of the open cluster Col. 223.
1030–5502 2779	Also Hen 125.
1034–4823 2787	Sto IV-101 (R), Sndlk (R0), Hen 127.
1034–5414 2790	Wray 207, Ste, W 61-3, Hen 330, BidMac (Ce), MacCon2000.
1034–6118 2788	CCCS 1701.
1034–6242 2792	W60-14, Hen 130, BidMac.
1035–3933 2793	HR 4153, –38°6579, Sto IV-64 (N), Hen 129. The star has two detached dust shells.
1035–6130 2798	Also MacCon2000.
1035–6145 2800	Also MacCon2000.
1035–6247 2797	Also MacCon2000.
1037–6003 6393	GBE98 identifies it with IRAS 10356–5947 with difference from the Aar89 coordinates by 2 s in RA and 65″ in DEC.
1037–1323 2803	HR 4163, –12°3218, Ste (N), AFGL 1427, IRC–10242. K-M: C7,3; Yam: C6,3. Weak SiC_2 noted by Shane and by Sanford (1926).
1038–6049 2820	W 60-22, Hen 132, MacCon, MacCon2000. Strong D lines.

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1038–6117 2816 Also MacCon2000.

1038–6134 2815 Also MacCon2000.

1039–6049 2823 W 60-23, Hen 133, MacCon.

1039–6109 6398 Given position is 36″ from HW Car, a Cepheid variable.

1040–4801 2829 Bidun's source is a 98 Å/mm objective prism plate.

1040–6056 2828 Also MacCon2000.

1040–6151 2831 Also MacCon2000.

1041–5923 2832 Wray 21 (Ce), W 62-8, Hen 134, MacCon.

1041–6231 2833 Also MacCon2000.

1043–6010 2842 Also MacCon, MacCon2000. In area of the open cluster Col. 228.

1043–6133 2840 Also MacCon2000.

1045+6724 2835 HR 4195, +68°617, D 299 (N), Van 47 (R8), Ste (N), AFGL 1433, IRC+70100. K-M: C6,3; Yam: C6,3.

1045–6229 2845 Also MacCon.

1046–5825 2850 Also MacCon, MacCon2000. B-M noted strong infrared CN.

1046–6536 2852 –64°496, Ste, Hen 135, MacCon. Independently classified as N by Ste on three Tololo plates.

1046–6400 2854 In area of the open cluster IC 2602.

1048–5709 2865 Also MacCon2000.

1048–5837 2863 Also MacCon2000.

1048–6011 2862 Also MacCon, MacCon2000.

1049–5525 2868 Ste, Hen 137, MacCon2000.

1049–6035 6415 Two stars very close.

1050–6104 2875 Hen 138, MacCon.

1051–2115 2877 AFGL 1439, IRC–20218. K-M: C7,5. The IDS lists a companion, whose spectral type, according to Gordon (1968), is K0 III:, $V = 11.58$ mag, 46″ away. See also Bidelman (1954). CO mm emission shows fast bipolar molecular outflow. According to Knapp et al. (A&A, 351, 97, 1999) it has orbiting dust cloud $3.5{\cdot}10^{14}$ cm away from the star and circumstellar envelope with radius $8{\cdot}10^{16}$ cm.

1052–5325 2885 –52°4032, Sndlk (N), Hen 139.

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1052–6219 2888	In area of the open cluster Rup 162.
1053–6127 2894	W 64-17, Ste, MacCon. Wray's RA is ∼15 s in error. The eclipsing variable FL Car has a published position only 1′ N of this.
1054–1923 2892	Yam: C2,1.
1056+1516 2900	Yam: C3,1.
1056–6102 2903	Also MacCon. In area of the open cluster Col. 236.
1056–6003 2907	Also MacCon.
1058–6238 2916	Hen 140, MacCon. Note proximity to Wray 218, No. 1058–6235. These are definitely two different carbon stars (Ste, MacCon).
1059–6241 2921	Peculiar spectrum.
1100+4136 2914	Yam: C3,2CH. Spectroscopic binary with a period of 328 days.
1100+4042 2919	Yam: C3,1.
1100–2551 2925	Also BidMac. War: C2,1; Yam: C2,0 (very early; wide absorption at 4226 Å).
1101–6811 2934	Also BidMac.
1103–7145 2947	Also Hen 142.
1104–6009 2948	Also MacCon.
1105–6120 2950	Also MacCon.
1106–5837 2953	In area of the open cluster NGC 3532.
1106–5834 2956	W 66-4, Ste, MacCon. In area of the open cluster NGC 3532.
1106–6557 2958	Also MacCon.
1107–1013 2954	Yam: C1,3CH.
1107–5507 2959	–54°3975, Ste (N), Hen 144, MacCon2000.
1107–6436 2960	Hen 145, MacCon.
1107–8147 2967	CPD–81°486 (Mayall), CD–81°402 (BidMac).
1109–6007 2968	Also MacCon. In area of the open cluster Col. 240.
1112–5820 2972	Also MacCon.
1113–4813 2975	Sto IV-92(R), Sndlk(R0), Hen 147. According to the *Hipparcos* data, the nearest known carbon star with trigonometric parallax 31.18 mas.
1115–5755 2984	–57°3809, B-M 146, W 66-8, Ste(N), Hen 148. In area of the open cluster Rup 164.

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1115–6954 2986 CannMay 49 (Pec), Ste (R), BidMac. Carbon cepheid with a period of 29.2 days.

1120–5544 2998 Hα emission; strong D lines. Not the nearby carbon star HD 98767 (1121–5545).

1121–5545 3001 –55°3979, CannMay 49(N3), Ste, Mich, Hen 149.

1121–6017 3002 W 68-1, Ste, Hen 151, Mich.

1122–5938 3003 Also W 68-2.

1122–5815 3005 Double with 1122–5816.

1122–5816 3006 Double with 1122–5815 and is included in the catalog for this reason, though it is definitely not a carbon star.

1131–6330 3043 In area of the open cluster Rup 94.

1132–6054 3048 Also W 68-9.

1132–7238 3049 2′ N of CD–71 770.

1133+0145 3058 May51 (R), Van 52 (R2), Ste (R). Yam: C3,3.

1133–5948 3059 The nearby IW Cen, according to the identification chart, is of B type – at least in the blue spectral region.

1134–5942 3064 Blanco's position is given. Westerlund's is 1.8′ S.

1135–5928 3065 W 69-10, Hen 153, MacCon.

1135–1435 3066 Van 53 (R2), Ste (R, weak C_2). K-M: C0,2; Yam: C1,1.

1135–5626 3067 Also MacCon.

1136–6029 3071 Also MacCon.

1139–6047 3080 Also MacCon.

1139–7233 3083 –71°778, Sto I-26 (N), Ste (N), Hen 156.

1139–5834 3084 W 72-5, Ste, Hen 157, Mich, MacCon.

1147–6241 3105 Also MacCon.

1147–5751 3106 Also MacCon.

1149–6007 3108 Difference between MacCon 329 and Aar89 coordinates is 0.6 s in RA and 50″ in DEC.

1150–6251 3113 Also MacCon.

1151–6137 3114 Also MacCon.

1154–6132 3125 MayCann40, W 74-1, Ste (N:), Henize 160, MacCon.

1155+1234 3129 A CH star (Bidelman 1956). Yam: C4:,3CH.

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1156–6321 3131 W 73-7. Ste (red), MacCon.

1157–7826 3137 CPD–77°761 (May51), Hen 162, BidMac.

1159–5836 3141 W 75-1, Ste, Hen 331, MacCon, CCCS 1942. War: C3,2.

1200–5507 3144 Ste (N), Hen 164.

1203–6405 3155 Hen 166, MacCon.

1203+7025 3156 Van 54. Yam: C2,3CH.

1204–6238 3159 Hen 168, MacCon. Not WX Cru.

1207–6434 6470 May be Mira-type variable CL Cru 36″ away.

1209–6029 3181 Also MacCon.

1211–6426 3186 W 76-1, Hen 169, MacCon. The quoted position is a weighted mean of many sources.

1211–6402 3187 Also MacCon. Westerlund identifies it with B-M 166.

1211–6146 3188 B-M 165, Wray 245, W 74-13, Ste, Hen 170, MacCon. There is only one carbon star here, though the Harvard papers imply two. The May51 coordinates are in error (Ste).

1211–6345 3189 Ste, Hen 171, MacCon. Near, but distinct from, B-M 154. Strong D lines.

1212–5919 3192 Hen 172, Mich, MacCon.

1213–6555 3194 Also MacCon.

1214–5131 3199 Sto IV-108 (R), Hen 173.

1220–5856 3215 W 78-1, Ste (N), Hen 174, Mich, MacCon.

1221–6626 3217 Not BE Mus (Bidun).

1222+2105 6480 Also Fea97.

1222–6305 3221 Mich, MacCon.

1223–7530 3222 Sto I-34 (N), Ste (N), Hen 175.

1224–4926 3227 –48°7401, Sto IV-105(R), Hen 176. San: Np.

1225+0046 3236 +1°2694, D 108(N), Ste(N), HanBl, IRC+00 217. K-M: C6,3; Yam C5,3e. SiC_2 bands. See also Bidelman (1954). Shane (Np) found the spectrum closely similar to U Cyg at minimum. HD likens it to VX And.

1227–6131 3239 Mich, MacCon.

1227–6146 3240 In outskirts of the open cluster NGC 4349.

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1229–3815 3246 Sto IV-59(N), Hen 178. CCCS 2008.

1231–6043 3248 W 78-3, MacCon.

1236–6356 3258 The *I* mag is from Westerlund, Uppsala Medd. No. 130, and differs almost by 2 mag from W.

1239–4522 3266 Also BidMac.

1240–6654 3267 Strong D lines.

1240–5722 3268 Balmer emission also noted by Bidun; strong D lines.

1240–6042 3269 Also MacCon. In outskirts of the open cluster Tr 20.

1242–4353 3275 Fou92 identifies it with IRAS 12394–4338 which is about 2′ away.

1245+4526 3283 HR 4846, D 301 (R), Upgr60 (N), Ste, AFGL 1576, IRC+50219. San: N, SiC_2; K-M: C5,4; Yam: C5,5J.

1247–5941 3284 About 2′ from β Crucis.

1247+0408 3286 +4°2651a, D 109 (N), Ste (Np,r), HanBl, AFGL 1579, IRC+00224. See also Bidelman (1954). On a Case plate, strong D lines and 5635 Å C_2, but weak CN (Ste).

1249–6146 3291 W 80-2, Hen 184, MacCon (Hα emission).

1251–6500 3295 A somewhat confusing case. Published, on the basis of meagre data, as weakly symbiotic by Sndlk and Ste (ApJ, 185, 899); called symbiotic by Weaver (PASP, 84, 854), who saw no bands in the photographic infrared; confirmed symbiotic by David Allen (MNRAS 184, 601), who reported very weak TiO. However, MacCon finds infrared CN and on that basis calls it a carbon star (Ste).

1252+0712 3298 Component C of BD+8°2654. Vyssotsky and Balz (1958) gives type G5 for component A and type G0 for component B. In the AG catalog, A is AG+7°1683, B is +7°1685 and C is +7°1684. Included in Burnham's double star catalog as BDS 6293. Yam: C2,0ch. A CH-type star. Spectroscopic binary with a period of 571 days.

1254–6503 3302 Also MacCon.

1254+1001 3308 Reported by Phillips and Terlevich (PASP 95, 43, 1983) as a possible CH star.

1256–5753 3310 Hen 187, MacCon. Hydrogen emission; see also Bidelman (1954). Also has strong D lines.

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1256+6559 3313	+66°780, D 302 (N), Ste (N!), AFGL 1588, IRC+70116. K-M: C4,4: Yam: C4,5J. SiC_2 is quite strong and noted in HD (though not yet identified as such).
1259+3749 3319	+38°2389, D 200 (R), Van 56 (R5), Upgr60 (R), Ste (R). K-M: Cp,5; Yam: C3,5CH. Long known as a CH star (Keenan and Morgan 1941, Bidelman 1956).
1300–6437 3318	Also MacCon.
1303–6032 3323	Mich, Hen 189, MacCon.
1306–2003 3335	Also Van 57. K-M: C1,1; Yam: C2,1.
1307–6657 6509	3′ uncertainty in position.
1312–6549 3346	Hen 192, MacCon.
1313–6623 3350	Also MacCon.
1319–6047 3367	Hen 193 (C), MacCon (C). A remarkable spectrum variable. Sometimes shows C_2 and ZrO bands. Evidently belongs to CS type (Ste).
1321–7426 3368	Sto I-32 (N), Hen 194.
1322–6413 3374	–63°839, Hen 195, MacCon.
1326–4718 6531	In the center of the globular cluster Omega Cen.
1326–4733 3382	In the globular cluster Omega Cen.
1327–4743 3389	In the globular cluster Omega Cen.
1328–4726 3391	In the globular cluster Omega Cen.
1329–6408 3393	In area of the open cluster Col. 271.
1330–6852 3397	Also MacCon. Ste identifies with the variable because, except of similarity in coordinates, the discovery paper says the variable is quite red.
1332–5349 3405	Also Hen 198. CCCS 2099.
1337–5628 3412	–55°5254, Hen 199, MacCon.
1344–7036 3425	Also Hen 200. SiC_2 noted.
1344–6311 3428	MacConnell's position is given. Westerlund's is 1.4′ N.
1346–6345 3429	MacConnell's position is given; Westerlund's is 1.6′ N.
1347–6126 3433	The star has a silicate CSE.
1350–3306 3442	Also BidMac, with the same BD number but DEC is discordant by 15′.
1354–6149 3445	2′ away from the center of the open cluster NGC 5316.
1358–5621 3456	–55°5435, Ste (N), Hen 203, MacCon.

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1400–6523 3460	MacConnell's position is given; Westerlund's is 1.4′ W.
1400–6136 3461	Also MacCon. Although called a CS star by Ste, this star is not the nearby S or MS star No. 838 in the S star catalog (2nd ed.).
1401+3249 3469	Van 58, Ste. Yam: C3,3. De: C4,2. HD gives for it spectral class K0, but this type probably refers to the nearby +33°2400.
1405–6700 3471	Also MacCon.
1407–6754 3473	Hα emission noted on a Tololo plate.
1414–5355 3481	–53°5490, Ste (N), Hen 207, CCCS 2148.
1415–6055 3482	MacConnell's position is given; Westerlund's is 1.5′ S.
1415–5859 3483	Hen 208, MacCon. In outskirts of the open cluster Rup 167.
1416–5858 3484	In area of the open cluster Rup 167.
1419–5659 3485	NSV 6614, MacCon. Strong red CN, but weak C_2.
1422–5752 3488	MacConnell's position is given; Westerlund's is 1.1′ N.
1422–4950 3489	–49°8685, Wray 274, Hen 211.
1423–4731 3492	–46°9289, Wray 275, Sto IV-98, Hen 212.
1424–6344 3490	Strong D lines.
1426–6002 3494	Also MacCon. Strong D lines.
1429–5559 3496	Also MacCon.
1429–5818 3497	W 94-6, MacCon.
1432–5918 3498	Strong D lines.
1435–4322 3510	–42°9465, Sto IV-81(N), Hen 215.
1437–6200 3512	Also MacCon.
1441–6245 3516	Quite red.
1443–5808 3524	MacConnell's position is given; Westerlund's is 3.2′ W and 1′ S.
1446–3210 3533	CCCS 2190. Herbig (Her52) classifies it as Gp, but notes that C_2 is visible at low dispersion. Carbon cepheid with a period of 2.1 days.
1452–6204 3538	Also GJ93, GJBSW.
1457–3011 3544	Sto IV-26 (R), Hen 218, BidMac.
1459–5324 3548	–52°6392, Ste (N:), W 102-1, Hen 219.
1504–0251 3558	D 111 (R), Van 59 (R5), Ste (R-N). Yam: C4,4J; De: C4,3.

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1506–5714 3560	Also MacCon, MacCon2000.
1506+8245 3591	Yam: C2,0+.
1505–2236 3561	Also BidMac.
1509–7203 3562	Sto I-24 (R), Hen 221. Hydrogen-deficient (Bidelman 1956).
1513–6020 3572	W 103-3, Ste (N), Hen 223, MacCon.
1514–7004 3569	HR 5644, Ste (N), Hen 222.
1517+2936 3586	Yam: C3,0+.
1518–4951 3585	Very red spectrum.
1525–4018 3602	Also BidMac, the source of the CD identification.
1527–2510 3606	Van 62 (R2), Sto IV-8 (R), Hen 225, CCCS 2250. K-M: C1,2; Yam: C2,2; San: R0. Hydrogen-deficient (Bidelman 1956, Yam).
1527+0040 3609	Also BidMac. Yam: C1:,3CH.
1527+6522 3614	Van 63, Ste. De: C4,3; Yam: C4:,4.
1528–7555 3594	Sto I-35 (R), Hen 224.
1532–6233 3611	Hen 226, MacCon, MacCon2000. SiC_2 bands noted by Ste.
1544–3859 3630	Also BidMac.
1549+3934 3652	+40°2929, D 203 (N), Ste (Ne), AFGL 5311, IRC+40273. K-M: C6,3; Yam: C6,2e. SiC_2 bands and strong D lines; see also Bidelman (1954).
1550–5658 3642	Also MacCon2000. Weak C_2 and very strong D lines.
1552–5517 3649	Also MacCon2000.
1552–5638 3648	Also MacCon2000.
1604+5029 3665	+50°2251, Ste (Np, nearly CS). K-M: C7,2(at min); Yam: C8,1e; KB: SC 5/10e=C2,2. See also Bidelman (1954).
1604–5604 6613	Carbon cepheid with a period of 32.3 days.
1606–7659 3657	Pots 204-304, Sto I-38 (R), Mich (CH star).
1611–6134 3666	Also BidMac. War: C1,1. Blue plate shows weak C_2 and strong CN (Ste).
1613–1512 3672	MayCann40 (R3), Ste (R). Yam: C1:1CH; also CH by Bidelman (1956).

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1615–6405 3671 Ste, BidMac.

1615–2212 3675 Discovery by Longmore and Allen, ApJ, 18, L159. Said to be symbiotic.

1617+2551 3679 Also Mich, Bidun. De: C6,3e.

1619–0334 3682 De: C3,2.

1622–5953 3684 Sto II-89 (R), Ste (R5). Mayall (1951) indicated two carbon stars in this vicinity, but there seems to be only one (CPD–59°6710 = CoD–59°6131) (Ste).

1624–5920 3687 Also Sto II-90(R). Hydrogen-deficient (Bidelman 1956).

1625–5155 3691 Sndlk (N:), Hen 232, MacCon2000. Strong D lines.

1626–4910 3692 Near the open cluster NGC 6314.

1626–1225 3698 Also –12°4510, AFGL 1859, IRC–10339. K-M: C7,4; Yam: C7,3e; Bid: C7,3e. See also Bidelman (1954).

1628–4339 3697 CannMay49, Ste(N), Hen 233, CCCS 2333; San: N.

1629+1930 3704 Also NSV 7765. Yam: C1,1CH.

1630–5009 3700 Also MacCon2000.

1632–4510 3706 Also MacCon2000. MacCon find it definitely variable between two plates.

1634–3517 3712 Weak C_2 and strong violet CN.

1634–6308 6648 Carbon cepheid with a period of 1.95 days.

1636–4621 3714 Also MacCon2000.

1635–6707 3707 Also Sto I-13 (R), CCCS 2342. War: C1p,1; hydrogen-deficient.

1637–0425 3717 Also BidMac.

1638–4559 3715 Also MacCon2000. Strong D lines.

1639–4629 3719 Very red.

1640–3222 3720 –32°11900, Ste (N), Hen 323, AFGL 1878, IRC–30268. Yam: C5,5. Strong SiC_2.

1645–2918 3729 HD likens its spectrum to K5R.

1647+2312 3735 NSV 7969. Yam: C3,0+.

1648–3123 3733 Position in Sto is essentially for LSS 3773. The present position is by Sndlk.

1650–6746 3731 Sto I-14 (N), Hen 237.

1651–4809 3736 Also MacCon2000.

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1702–5504 3756	CD–54°7100 = CPD–54°7975. In the IDS double with CPD–54°7976. Sto II-78 (R), Hen 240.
1702–3240 3762	Ste (N), Hen 241, HanBl, IRC–30277.
1709–3351 3775	Red. Very strong D lines.
1711–6157 3774	–61°5736, Pots 196.1037(Nb), Sto I-3 (R), Hen 244.
1713–3555 3786	Ste, Fuen 224. Very red, with strong CN and D lines. A color index of +4.0 is mentioned in the variability discovery paper (Swope, Ann. Harvard Obs. 109, No. 9).
1713+4206 3795	D 305 (R), Van 66 (R0), KurNik96. San: N; K-M: C1,2; Yam: C3,1. Included in Sanford's (1950a) atlas of carbon star spectra.
1714+4210 3801	Unpublished revised coordinates by Ste.
1715–2905 3791	Also Sndlk(R), IRAS17121–2902. According to Kilkenny et al. (Observatory, 112, 158, 1992), it is probable R CrB-type variable.
1716–3439 3793	W 140-1, Hen 247. Strong D lines.
1718–4557 3799	–45°11383, Sndlk (R:), Hen 248.
1720–4023 3808	Ste (R:), W 138-3, Hen 250, Fuen 228, CCCS 2429.
1722–4927 3810	Sto II-65 (R), BidMac.
1723–4349 3813	Also Ste.
1723–3629 3816	San: R3.
1723–2820 3818	Sndlk, Fuen 232. The position given by Wray appears to be for V521 Oph, an M-type long-period variable.
1724–2920 3820	W 142-2, Sndlk (N:r), HanBl, AFGL 1961, IRC–30293, Fuen 233. Yam: C7:,3.
1725–2945 3824	The reputed planetary nebula PK 356+3°1 has this position, within the published precision of 1′. The planetary nebula is defined by Hα emission seen by P. S. The on an objective prism plate, without any continuum. Ste have seen the same at the plate limit of a red plate with no clear-cut carbon star candidate. The N1, N2 nebular lines may be visible superimposed on another spectrum. The quoted position, which is that of the Hα emission to a small fraction of an arcminute, is from Fuen; the W DEC is 4′ further north (Ste).
1726–5041 3822	MacCon: J-star.

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1726–4001 3827	–39°11452, Hen 253. GCVS: C4–5,5. The star has detached gas shell. In the discovery paper announcing the variability, Swope (1943) quoted a color index of +5.0.
1728–5502 3832	Sto: a star of similar brightness is nearby (to W).
1728+0736 3836	De: C6,2. Weak C_2, strong infrared CN.
1729–1928 3837	Sndlk (N), Hen 254, Ste (N), HanBl, AFGL 1971, IRC–20364. San: N; K-M: C6,5; Yam: C5,5. Strong SiC_2 bands.
1731+0158 3842	NSV 9082. De: C4,1; Yam: C3,1CH.
1733–3615 3844	Ste, Hen 255, Fuen 243.
1734–1404 3850	Weak C_2 and strong violet CN.
1736–1350 3852	Weak C_2 and very strong violet CN.
1740–4137 3854	–41°11893, Ste(N), Hen 256. San: N; Yam: C4,4. SiC_2 bands noted by Ste.
1740+1158 3867	Strong C_2.
1742–3514 3864	–35°11829, CannMay49(N3), W 148-5, Ste (R), Hen 258, Fuen 249.
1743–5743 3861	–57°8687; in IDS. Sto II-86 (N), Hen 257. War: C6,4.
1744–1839 3875	–18°4634, ADS 10751A, C 282, Sndlk (N+A5), Hen 260, AFGL 5134S, IRC–20382. Yam: C7,3. The IDS misprints the spectral type as M. Gordon (1968) gives A3 for the companion (2″ in PA 215°).
1745+1712 3879	Yam: C2,0+.
1747–3542 3878	–35°11923, Ste (N), Hen 261. War: C5,4; Yam: C4,4.
1751–4320 3886	The identification with the variable star is by Sto.
1753–2849 3889	Hen 262, Fuen 253. Strong D lines.
1753–2316 3890	Also Fuen 254.
1753+6406 3912	Yam: C2,2.
1755–2801 3901	W 156-2 Sndlk (N), Hen 263, HanBl, AFGL 5156S, IRC–30333, Fuen 259. Very strong red CN.
1756–2313 3902	Also Fuen 260.
1756+5813 3921	+58 1772a, Ste (N) AFGL 2040, IRC+60255. Bid: C8e; Yam: C6,2e. Sanford's radial velocities (PASP, 53, 291, 1941) show the 14″ distant companion UY Dra to be optical.

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1758+1311 3917	CCCS 2509. Yam: C3,3CH.
1800–1700 3922	Silicate CSE. Water maser emission at 22 GHz (Engels 1994).
1801–3856 3919	The position given by Sto is about 3′ in error.
1801–2905 3920	Sndlk, Fuen 267. Strong D lines.
1801–1243 3926	Strong D lines.
1802–2446 3931	In outskirts of the open cluster NGC 6523.
1802–1910 3933	MSB 61 (N), Ste (N), Sndlk (N:), BidMac, HAnBl, AFGL 5181S, IRC–20420, Fuen 269, CCCS 2521. San: N.
1802–2955 3928	V3896 Sgr (M6:) is 25″ away.
1803–3213 3935	The star has a silicate dust envelope.
1804-3243 3939	Hydrogen-deficient according to Lloyd Evans, IAU Colloq. No. 106.
1805–3920 3938	–39°12196, Sto II-35 (R), Ste (R), Hen 266.
1806–0941 6711	AFGL 2067, IRC–10396.
1806–3045 6708	Very strong D lines.
1807–2830 3947	–28°14163, Wray 320, Sndlk (N), Hen 269, Fuen 273, San: N.
1807–1435 3948	AFGL 5197S, IRC–10397.
1808–3719 3950	Sto II-29 (R), Ste (R). Hydrogen-deficient (Bidelman 1956).
1808+0927 3957	D 116 (R), C 703, Van 70 (R5), Ste (R). San: R4; Yam: C3,5J.
1809–2738 3954	AFGL 2076, IRC–30364.
1809–2139 3956	Also Fuen 275.
1810–2638 3958	Also Sndlk (R).
1810–2651 3960	Sndlk (N:), Hen 270, HanBl, AFGL 2082, IRC–30365, Fuen 277. GCVS: C6–7,3. Strong D lines.
1811–1951 3964	An extremely red star which in different papers is considered either as a carbon or S-type star. May be an SC star or a weak carbon star (Ste).
1812–3215 6726	Very strong D lines.
1812–3759 3963	Hα emission (MacCon).
1812+1455 3973	BSD 86-707 (R8), Ste (R). Yamashita (PASJ, 26, 159) consideres there must be two carbon stars.

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1813–4341 3966 Sto II-49, BidMac. BidMac omit the HD identification. Sto notes a star of comparable brightness W of the carbon star.

1813–3016 3968 Also Sndlk (R).

1814–2749 6728 Carbon cepheid with a period of 21.3 days.

1818–4632 3982 –46°12279. Hydrogen-deficient (Bidelman 1956).

1818–1326 3987 AFGL 2114, IRC–10409. The variable was not identified with the BD star by Maffei in the variability announcement (Frascati Contr. No. 2). A large color index is noted. Ste, Sndlk and Bidun find strong SiC_2 bands.

1818–0651 3990 The position quoted is from the Ste infrared survey, supported by a computer underlay. It differs in RA from C 442 by 0.3 min. Comparison of the old and new plates shows they are the same star, and that the 5 mag difference in estimated *I* magnitude is real; the star is (presumably a long-period) variable. Hα emission noted by Cohen and Kuhi (PASP, 89, 829) (Ste).

1819–4157 3984 –41°12644, Sto II-45 (R), BidMac.

1819–1536 3992 –15°4923, C 20, Pots 134-1901 (R), Van 72 (R5), Sndlk (R), Fuen 282, IRC–20464. Yam: C4,5J.

1822–1901 3996 Also Fuen 283.

1823–2206 4007 Also MacCon2000.

1824–2415 3999 Classified as an RCB variable and hydrogen-deficient star according to Bidelman (1956). Weak but definite C_2, plus fairly strong CN.

1825–2308 4001 M spectral type has been published for the variable, but it refers to a nearby star.

1826+0109 4013 Also MaeSoy90, AFGL 2158.

1829–0604 6746 6″ away from the α Cyg-type variable V431 Sct.

1829–3620 4020 Sto II-87 (R).

1830–3825 4021 Sto II-33 (R), Hen 274. War: C4,4.

1830–1653 4025 C 511, Sndlk, HanBl, IRC–20488. San: R3; Yam: C3,4. Classification as N was independently done on four plates by Ste.

1831+0422 4032 +4°3779, C 283, D 118 (N), HanBl, MaeSoy90, AFGL 2180, IRC+00353.

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1832+3659 4038 +36°3168, Ste, AFGL 2187, IRC+40321. K-M: C6,5; Yam: C6,5J. Npec by D.

1834–1011 4040 The position given here is the mean of three accordant plates of the Ste infrared survey. The Albers position is $18^h29.1^m$, $-10°11.8'$.

1834+0912 4045 The variable was previously identified with the carbon star from the coordinates alone by Ste.

1837–2442 4049 An MS star lies within $2'$ of the C star, and it is unclear which is the variable.

1837–0736 4052 –7°4633, C 21, Van, HanBl, MaeSoy90, AFGL 2203, IRC–10441.

1839–0314 4065 The position given here, from infrared survey, is confirmed by a computer underlay; it differs from Albers by about $9'$ in DEC (Ste).

1840–0420 4072 In area of the open cluster Dol 33.

1841+1741 4078 IRC+20370.

1842–0217 4077 AFGL 2233, IRC+00365.

1842+3657 4089 +36°3243, D 207 (N), Ste (N), AFGL 2240, IRC+40325. San N, with weak SiC_2; K-M: C6,4; Yam: C7,4.

1843–5145 4070 Also Sto II-70(R).

1843+1739 4088 Very weak C_2, strong D lines.

1843+0406 4082 Also MaeSoy90.

1844–1312 4086 –13°5083, C 512, Sndlk. San: R3.

1846–3120 4094 Also Van 74. Hydrogen-deficient (Bidelman 1956).

1846–0634 4100 The MaeSoy90 position is used.

1847–3809 4098 –38°13089.

1847–2356 4103 Also IRC–20518.

1847–0436 4109 The DEC published in the Case discovery list is by 2° in error.

1847+0527 4111 D 120(N), C 22, MaeSoy90, AFGL 5295S, IRC+10379. Visual companion $V = 11.8$ mag, $28''$ away.

1849+1152 4122 Also Ste.

1850–3132 4119 V963 Sgr?

1850–0754 4121 HR 7089, C 513. San: N; K-M: C5,4; Yam: C6,4. The star has two detached gas-dust shells.

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1850–0644 4124 HanBl, MaeSoy90, IRC–10 469. Harwood noted quite red color.

1851–1838 4123 Not the nearby V2054 Sgr.

1853–1231 4130 The GCVS position is quoted here.

1854+4935 4144 Very strong C_2.

1855–3240 4133 Also BidMac.

1855–0811 4138 –8°4764, C 514, HanBl, IRC–10475. San: N.

1856–1609 4141 Very weak C_2.

1858–2930 4145 Van 75, Sto II-6(R), CCCS 2683. Hydrogen-deficient (Bidelman 1956).

1858+1421 4147 +14°3729. D 126 (N), C 284. San: N. Visual companion $V = 12.05$ mag, $20''$ away.

1900–0134 4152 HanBl, IRC+00404. The MaeSoy90 positon is given; the Ste RA and DEC are smaller by 4.5 s and $1.25'$, respectively. A CS or SC star, with further entries in the S-star catalog.

1902+1014 4159 Yam: C8,1; KB: SC 6:/9e = C6:,2+.

1903+0730 4162 Also MaeSoy90. Nassau and Blanco noted this star to be very red.

1904–0541 4164 HR 7220. San: N; K-M: C6,4; Yam: C5,4. Very strong SiC_2 bands.

1906–2023 4169 The position is only about $3'$ from that of V1076 Sgr, an RR Lyrae-type star.

1907–0248 4177 De: C4:,4:. Quite red.

1908–5533 4168 Also Hen 335.

1908–1715 4179 –17°5492. San: R2.

1908+1737 4181 Also D 127(R). Hydrogen-deficient (Bidelman 1956).

1909–1531 4184 Spectrum resembles CS star.

1911–0123 4194 C 738, MaeSoy90, CCCS 2707.

1913–3056 4196 Also Sto II-18 (R).

1913+2718 4208 CCCS 2711. Yam: C8,2J. SoyMae99 position used here differs by 4.4 s from Ste.

1915+5417 4222 Silicate CSE.

1915+2512 4212 CCCS 2714. SoyMae99 position used here differs by 6 s and $0.5'$ from Ste.

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1915+2749 4215 SoyMae99 position used here differs by 10.6 s and 0.5′ from Ste.

1916+2154 4217 D 129 (N), C 451.

1917+4205 4236 Unpublished corrected coordinates by Ste.

1918+0147 4225 A unique, nova-like variable star. Bidelman (1971) has summarised its history and suggested that it should have been supernova, whose spectra superficially resemble R stars. Van den Bergh (1971) has pointed out that a weak planetary nebula of low surface brightness, which does not seem to be expanding, surrounds this position. This weakens Bidelman's original hypothesis of an extragalactic supernova, but leaves the true nature obscure; Van de Bergh's suggestion that it is a slow nova is not reconcilable with Lundmark's description of the spectrum. Infrared objective prism plates of the region by Stephenson showed no carbon star in the region in 1971. One of Lundmark's original spectrograms was recently recovered by Lynga at Lund and sent to Bidelman at the Warner and Swasey Observatory. Lundmark's classification of the spectrum as type R is undoubtedly correct. The only peculiarity is that the G-band is weak or absent; Bidelman (unpublished) now thinks the star may be an exceptional type of R CrB star. (Ste).

1919–1554 4229 –16°5272, Pots 135-671 (N), Van 76 (R8), Ste (N, 3 plates). San: N.

1920+3752 4241 Also Ste (N). Yam: C4,5e. See also Bidelman (1954). In area of the open cluster NGC 6791.

1920–0802 6780 Also Fou92, AFGL 2368, NSV 11912, LeB92, GJB93.

1921+7633 4302 +76°734, D 309 (N), Ste (N). San: N; K-M: C7,3.

1921+3120 4248 Near, but different from, V378 Lyr.

1922+2003 4249 Rosino et al. in A&AS 31, 314, give a type of M6 for the Mira variable since named OW Vul. However, their identification chart leaves no doubt that this star is a carbon star and variable. (Ste).

1923+2427 4253 Also SoyMae99. CCCS 2728. Its position used here differs by 8.5 s from Ste. Carbon symbiotic binary (Munari et al. 1999, IAUC 7329).

1923–1042 4247 Also Van 77 (R2). San: R2; K-M: C1,2; Yam: C2,2Hd. Although hydrogen-deficient, cited in HD as a typical R0 star.

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1924+3039 4263 Van 78, W58 19, NassSte61 (R). Erroneously identified with a BD star by Nassau and Blanco (1957).

1924+8521 4485 D 315, D 316 (R), Van 79 (R5), Ste. San: R3; Yam: C3,3CH. Also an early-listed CH star by Bidelman (1956).

1926+2336 4277 Also SoyMae99.

1927+0704 4275 C5-9e by Allen et al., ApJ, 217, 109, 1977.

1928+4602 4307 D 310 (N), C 706, Ack 78-12-7, Ste (N).

1930–0050 4301 C 740, HanBl, IRC+00438.

1931+2148 4323 Hydrogen-deficient.

1932+2838 4336 NassSte61, W58 11.

1934–1622 4333 –16°5360, Ste (N). San: N.

1934+2804 4347 IRC +30374.

1937–3322 4357 Also BidMac.

1937+0645 4373 Also D 133 (N). San: N; Yam: C4,4.

1937+3150 4380 Also W 32, SoyMae99.

1939+2737 4393 Also SoyMae99.

1940+0901 4397 Also Perr59. The published Dearborn DEC is 13′ in error.

1940+3322 4409 This and the nearby AFGL carbon star are separately seen on the same infrared survey plate by Ste.

1940+3146 4410 D 212 (N?), C 455, W58 34, SoyMae99.

1940+3237 4415 +32°3522, D 213 (R), W58 41, SoyMae99. Cann-May49: N3; Bid: C6,4e; Yam: C5,4. The star has two detached gas shells.

1940+2729 4411 SoyMae99 position used here differs by 3.6′ from Ste.

1942+2904 4431 SoyMae99 position given here differs by 6 s and 1′ from Ste.

1943+1646 4430 CCCS 2778.

1943+1918 4437 Also VB 8013-70.

1943+1934 4439 Also VB 8013-69, whose DEC is 2′ N of the quoted GCVS position.

1943+3429 4443 The originally published Case DEC was slightly in error. Vogt (AJ, 78, 389) reobserved the carbon star and considered it to be BD+34°3680.

1946–1809 4454 –18°5480, Ste (N). Yam: C7,1J.

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1946+3225 4471 The quoted position, from one plate of Ste infrared survey, differs by 18 s in RA from the GCVS. Ste position has been confirmed by a computer underlay. The original identification of the variable with the carbon star was by Nassau and Cameron.

1949+2945 4501 SoyMae99 position used here differs by 11 s and 1.2′ from Ste.

1949+2936 4507 SoyMae99 position differs by 1′ in DEC.

1949+2930 4500 Also SoyMae99. The GCVS position is about 2′ different.

1949+0346 4497 De: C3:,2. Red.

1950+3039 4518 Exceptionally strong infrared CN.

1951+5341 4543 De: CS; GCVS: C6–7,-e; KB: SC8/8, with strong CaCl. See also Bidelman (1954).

1951+4421 4538 CCCS 2822.

1953–2728 4523 Also BidMac, who classifies the star as a CH star.

1956–6522 4524 War: C1p, CH star.

1956+3606 4566 Not the nearby KK Cyg.

1957+0014 4567 D 137 (R), Van 80 (R8), Ste (R). San: R4.

1957+4415 4581 +43°3425, D 317 (N), BSD 39-1464 (NA), C 707, Har, MaeSoy88, Ste. San: N, strong SiC_2; Yam: C4,5. Listed in IDS.

1957+3309 4583 Strong Hα emission (MacConnell 1967).

1958+4306 4588 Also MaeSoy88.

2001–0721 4595 Also Ste (N). CCCS 2837. San R4; De: C5,5. Silicate CSE.

2001+0929 4598 D 138 (R), Van81 (R8), Ste (N), CCCS 2838. Yam: C4,3CH.

2001+4001 4619 De: C6,3; Yam: C5,3.

2001+4055 6855 Also AFGL 2494, GJBSW, VKL92, GJG94, GEAS97, MS76b, GJB93, OLFHHS.

2002+2105 4616 +20°4390f, D 139 (N), SoyMae99. San: N; Yam: C4,3.

2002+3046 4627 Also SoyMae99. The position of the last source is used which differs by 1′ from Ste.

2002+3736 4635 In outskirts of the open cluster Dolidze 37.

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2003–2527 4612 Also BidMac.

2003+1705 4633 Not the nearby RZ Sge.

2003+4810 4654 Har, Ste (N), MaeSoy88.

2004+4211 4662 In area of the open cluster Dolidze 38.

2005+2038 4653 +20°4417, D 140(N), SoyMae99. San: N; De: C6–,5; Yam: C6,4. Visual companion $V = 13.2$ mag, 6″ away.

2006+3517 4670 Also Ste.

2006+4020 4678 Also Kurt88 18.

2007+3518 4685 Also VB 8016-52.

2009+2157 4693 Also SoyMae99. The Richt source makes this the N preceding component of a close binary.

2009+3125 6860 Also MS76b, GJBSW, GEAS97, AFGL 2513, GJB93, GWSK.

2009+3512 4700 Also VB 8016-51.

2009+4129 4712 +41°3632, C 288, Har (N), Ste, Ack 78-6-61. De: C6–,3; Yam: C6,3e. In outskirts of the open cluster Dolidze 2.

2009+4752 4714 +47°3031, D 319 (N), Van (N), Har (N), Ste, MaeSoy88. IDS object, visual companion 45″ away.

2010+3556 4716 +35°4002, D 216 (N), C 24, Ste (N:), VB 8016-77. De: C5,4; Yam: C6,4. Near the open cluster NGC 6883.

2011+3606 4729 Also VB 8016-76. An M7 star is about 70″ in PA 30° from the carbon star, mentioned by Schaifers (1959) and confirmed by Ste.

2011–1416 4701 Strong D lines.

2013+3843 4758 San: Ne; K-M: C8,2; Yam: C8,2e. Listed in IDS; see also Bidelman (1954). Shane noted unusually large violet opacity for this spectral type.

2015+3701 4782 Ack 78-0-6, VB 8016-80.

2015+3707 4785 Also NSV 12948. Yam: C4,1CH.

2016+4955 4793 NSV 12973, Har (LR or N), MaeSoy88.

2017–2119 4774 –21°5672, Ste (N), HanBl, IRC–20 585. ADS 13616A.

2017+3653 4796 Ack 78-0-6, VB 8016-81.

2018+3726 4806 +37°3876, D 219 (N), C 207, Ack 78-0-19. Bid: C8e; Yam: C9,2JLi. San noted that the Li I 6707 Å line

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	is nearly as strong in this spectrum as in that of the lithium star WZ Cas.
2019+4753 4817	+47°3077, D 321 (N), C 289, Ste. San: Ne(SiC2); K-M: C7,2–C9,2 Yam: C8,2e. Numerous observers have discussed the hydrogen line emission, cf. Bidelman (1954). The star is a prototype of carbon stars exhibiting CaCl bands, cf. Sanford, PASP, 54, 158, 1942.
2020–4949 4792	NSV 12993, Hen 305.
2022+6944 4857	NSV 13068. The Ste N type is based on two plates.
2022+4737 4842	Also MaeSoy88.
2023+5614 4851	D 322 (R), Ste (N). Yam: C4,4.
2026+3813 4861	Ack 78-0-52.
2027+2643 4863	The published DEC is from the Ste infrared survey.
2031+4648 4887	CCCS 2909
2031–1153 4873	NSV 13120, Van 83 (R5), Ste (very strong red C_2). Yam: C3,4J.
2033+4919 4899	CCCS 2911
2035+4529 4910	CCCS 2914
2036+6005 4923	D 325 (R). De: C5–,5; Yam: C4,5J. Silicate CSE. Water maser emission at 22 GHz and weak OH maser at 1667 MHz (Engels 1994).
2037+3650 4921	Also Hen 312.
2037+4856 4927	CCCS 2920
2037+4809 4924	The MaeSoy88 position is given; the Kurt88-90 position is by 15 s smaller in RA and by 2′ larger in DEC.
2041+4808 4939	D 327 (N), C 468. Yam: C5,3e. See also Bidelaman (1954).
2041+4620 4942	Also Aar90.
2043+3207 4946	D 224 (N), Hen 313. Yam: C5,4; De: C5,4. The carbon star is 2.5′ E of the B8-A0 star BD+31°4201.
2043+3504 4947	Van 84 (R2). Yam: C3,2.
2044+4703 4959	Also MaeSoy88.
2045+4329 4966	Also VB 8019-17.
2048–1901 4972	Also Ste (R).

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2048+1750 4978 +17°4421. Spectroscopic binary with a period of 1295 days. A CH star according to Yamashita (C1,OCH) and Bond (PASP, 82, 321).

2048+5133 4988 C 471, Ste.

2049+3313 4989 D 225 (N), C 708, Hen 314, Ste, CCCS 2935. Yam: C6,4. ADS 14338A. The probably physical companion is G6 III (Gordon 1968), $V = 11.0$ mag, $10''$ away.

2049+4648 4994 MaeSoy88, CCCS 2936.

2050+4525 5001 D 330 (R), C 215, Ste (N), Ste, VB 8019-27, MaeSoy88. GCVS: C3,2–C5,4.

2052+4520 5017 MaeSoy88, CCCS 2939.

2053+4513 5027 Aar90 identifies it with IRAS 22239+2548 which has a position differing from Ste by 3 s in RA and by $50''$ in DEC.

2054+0805 5022 De: C2,3; Yam: C3,2.

2056+3725 5044 AFGL 2679, CohKuh.

2056+5104 5045 In area of the open cluster Berk 53.

2057+5428 5057 Also Kurtun.

2057+4245 5056 CCCS 2946.

2059+4736 5072 V1541 Cyg. MaeSoy88.

2059+4540 5074 Also Kurt88 149.

2059+4619 5077 Also MaeSoy88.

2100+4740 5086 Also MaeSoy88.

2101+5107 5093 Also MaeSoy88.

2102+4732 5098 Kurt88's DEC differs by $10'$ from Lit.

2102+4607 5097 CCCS 2961.

2102+4539 5101 Also Kurt88 159.

2103+4409 5105 MaeSoy88, CCCS 2964.

2103+4507 5110 MaeSoy88, CCCS 2967.

2104+4542 5123 Also Kurt88 180.

2104+5320 5131 The CN absorption is unusually wide on an infrared Case plate. Also Kurt88 180.

2104+5134 5137 Also MaeSoy88.

2105–0012 5120 Ste(Ne), HanBl, IRC+00499. Yam: C6,3e. The Dearborn observers described the red-region objective-prism spectrum in much the same terms as that of the SC

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	star GP Ori, but strong C_2 bands have been seen on slit spectrograms. The star is extremely red, as noted at Dearborn.
2105+4643 5134	Also MaeSoy88.
2105+4654 5133	NSV 13524 (Ste).
2105+4504 5135	Also MaeSoy88.
2105–0012 5120	GCVS: C6–7,2–4.
2106+4518 5145	Also MaeSoy88.
2107+2139 5144	CS-like on a 600 Å/mm blue-region Case plate; C_2 not seen (Ste).
2107+4601 5153	Also MaeSoy88.
2107+4547 5156	Also Ste, MaeSoy88.
2107+4341 5155	MaeSoy88, CCCS 2986.
2108+4724 5163	Also VB 8019-73, MaeSoy88.
2109+5617 5168	Kurt has corrected the Kurt80a position to $21^h06^m06^s$, $+55°53.6'$. The quoted position is for BC 281, which Ste infrared survey confirms to 0.1 s and $1''$.
2109+4513 5165	Also MaeSoy88.
2110+4644 5171	Also MaeSoy88. Strong SiC_2 bands.
2110+4420 5179	Also MaeSoy 88.
2110+3322 5172	NSV 13579. Also Hen 316, with a $20'$ DEC error.
2113+4011 5192	V529 Cyg only $3.6'$ away.
2114+4441 5204	Also Ste, MaeSoy88.
2115+4327 5209	MaeSoy88 position is used. The Case and Ste RA is 1 s smaller and DEC is about $2'$ larger.
2116+5023 5224	Also MaeSoy 88.
2116+4739 5216	Also Ack 95-0-22, Ste, MaeSoy88.
2117+5559 5235	Presumably AS 462, although Ste sees any Hα emission on objective prism plate.
2118–0132 5227	$-2°5503$, Ste (wkR). Yam: C3,1CH. A Case plate confirms that the BD star is a carbon star. There is no nearby M star to account for the HD classification (Ste).
2119+0314 5230	Van 88 (R2), Ste (R). Yam: C3,2.
2119+4543 5244	Strong D lines.
2119+5045 5256	SiC_2 bands.

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2120–4501 5228 HR 8145, Hen 317. War: C7,3; Yam: C7,2.

2121+5952 5267 The published Dearborn position is evidently a misprint. Case plates show only one carbon star, approximately in the position given here. (Ste).

2122+4223 5265 C 516, Har(N), Ste(N), MaeSoy88. Yam: C6,3e.

2123+4229 5280 The GCVS gives the spectral type M4, but Ste has not found any M-type candidate nearer than a dozen minutes on the red and infrared plates. The position given here is the mean of Ste and BC.

2124–6944 5239 –70°1827, Hen 318.

2124+4449 5290 Also MaeSoy88.

2124+4437 5289 Also MaeSoy88.

2124+4348 5291 Also MaeSoy88.

2125+5941 5306 There is a nearby S star, No. 1273 in the 2nd ed. of the Ste S star catalog, 2.5′ N and 1′ W of this carbon star. GCVS: C6,0–C7,3e.

2126+5219 5310 Also Ste, MaeSoy 88.

2126+4836 5304 V1564 Cyg, Ste, MaeSoy88. Two Case infrared plates, one quite deep, show only one carbon star here, in the quoted position (Ste).

2130+4950 5333 CCCS 3037.

2131+5303 5339 Also Kurtun, Nik2 20, VB 8018-11.

2131+5308 5342 Also Nik2 19, Ste. Different from nearby 2131+5303.

2133+4355 5353 Also Ste, MaeSoy88.

2135+6054 5371 +60°2267, D 335 (R), Ste. Yam: C5:,4; GCVS: C4–5,4–5.

2135+7837 5406 +77°827, D 336 (N), Ste (N). K-M: C7,4; Yam: C7,3e. See also Bidelman (1954). HD: a typical star of class Nc.

2136+5430 5378 Also VB 8018-30, Kurt88 253, Ste.

2138+4542 5390 Also MaeSoy88.

2138+4645 5396 Also MaeSoy88.

2140+4527 5404 Also MaeSoy88. Nassau and Cameron (1956) made the original identification of the carbon star with the variable. With the published identification chart plus further Case plates, Ste confirms the identification.

2140+4619 5411 Also MaeSoy88.

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2141+4631 5416 Also MaeSoy88.

2142+3530 5418 HR 8297, D 229 (R), Ste (N), CCCS 3060. K-M: C6,3; San N. Note that two variable star names have been assigned to this star.

2142+5438 5423 Also VB 8018-29, Kurt88 270.

2143+3801 5425 +37°4407, D 230 (N), Ste (N). Strong SiC_2 bands noted by Sanford (N) and Shane. K-M: C6,4. In IDS. See also Bidelman (1954).

2144+7338 5452 CCCS 3070. De: C6–,3e. SiC_2 bands.

2145+5406 5441 NSV 13876, VB 8018-38, Ste.

2146+5234 5447 Har (LR or N), Ste, VB 8018-26.

2147+4553 5453 Also MaeSoy88.

2150+4748 5465 C 663, Har, Ste.

2151+5505 5481 Ack 95-0-131, VB 8018-52.

2152+5329 5487 Ack 95-0-132, VB 8018-45.

2152+4749 5480 Also MaeSoy88.

2152+4723 5484 Also MaeSoy88.

2153+5411 5489 Also Kurt88 284.

2155+5029 5494 +49°3673, D 343(N), C 517, Van 89, Har, Ste. San: R3; Yam: C5,4. HD likens its spectrum to VX And. In IDS.

2155+5429 5495 D 342 (N), C 26, Ste (N), Har (N). De: C5+,4; Yam: C5,4.

2155+5253 5497 Also VB 8018-59.

2155+5415 5501 Also Kurt88 287.

2156+2251 5496 +22°4508, D 151(N), Ste(N). San: N; K-M: C5,5; Yam: C4,4J.

2156+5611 5514 The position is from two plates of the Ste infrared survey. The identification with NZ Cep is by Ste with reference to published identification chart though the difference in position is 3′.

2156+6304 5510 The positions by Ste and BC agree very well and are given here. Krum's coordinates for the same star are almost half a degree in error.

2157+5454 5520 Also VB 8020-19.

2158+5324 5526 Also Ste.

2158+5530 5534 Also VB 8018-62.

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2200+5450 5544 Also Kurt88 298.

2201+3153 5547 Unpublished corrected coordinates by Ste.

2201+5432 5548 Also VB 8020-17. Silicate CSE. Water maser emission at 22 GHz (Engels 1994).

2202+5351 5557 Kurtun, VB 8020-14.

2203–1637 5549 Hydrogen-deficient (Bidelman 1956). See also ApJ, 233, 205, 1979. Ste classification was assigned without knowledge of the identity of the star.

2203+4534 5560 BSD 41-2321 (R), CCCS 3101, Har (N), Ste. Yam: C4:,3. In IDS. The probable physical companion is F8 III-V: (Gordon 1968).

2203+5925 5562 Also Nik2 30. The position given here, from one plate of the Ste infrared survey, is 4′ S of Nik2 and Kurtun, and 1′ from Case; it is supported by a computer underlay.

2203+5928 5564 Not the nearby star 2203+5925.

2204+6206 5569 CCCS 3108.

2204+2103 5561 D 152 (R), Van 90 (R), Ste (R), CCCS 3102. K-M: C3p,2 (CH star); Yam: C2,2CH; San: R3. GCVS: C1,2CH(R6). Visual companion $V = 12.96$ mag, 9″ away. Spectroscopic binary with the period 407 days. Outstandingly high radial velocity: –381 km/s.

2204+2509 5566 C_2 very weak.

2205+3330 5570 +32°4335, Ste (wkC to CS). Bid: C9e; Yam: C9,1e; KB: SC5–9/9–e. RY Peg, now considered nonvariable, is about 20″ away.

2205+5627 5573 Also Kurt88 299.

2206+4827 5577 Dean notes strong Li I.

2209+5027 5588 Also Kurtun.

2212+5412 5600 Also Nik2 31. VB's position is given; Kurtun's is 2.2′ S. Nik2 gives 53°43′.

2212+5544 5601 Also VB 8020-43.

2214+5623 5612 Also VB 8020-41.

2216+5401 5620 Also VB 8020-9. Weak C_2 4737 Å band. 2′ away from the center of the open cluster IC 1442.

2218+4347 5626 AFGL 2881.

2223+5844 5650 CCCS 3129.

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2223+5642 5644 CCCS 3127.

2226+5808 5661 The VB position is 2.5′ S of the quoted one.

2232+5837 5677 CCCS 3140.

2235+5321 5686 Probably NSV 14234.

2242+5131 5707 Bright Hβ and Hγ (Mich).

2243+7447 5725 The IRAS position is given.

2244+1806 5714 Strong D lines.

2244+5954 5723 Daub71 (CSV 1742), Ste. Near the open cluster NGC 7419.

2244+6143 5719 +60°2432, D 348 (N), C 27, Van 91 (R8), Ste (N), Har (LR or N), Kurt88 332, AFGL 2948, IRC+60365. K-M: C6,4.

2244+4928 5721 D 349 (R), Har (LR), Ste, CCCS 3153. Yam: C3:,4. In IDS; companion F6 III-V: (Gordon 1968), 6.3″ away.

2245+5637 5722 D 350 (N?), C 257, Ste (N:).

2245–2522 5713 Sto V-1 (N), BidMac.

2245+5504 5728 D 352 (R), C 675, Van 92 (R5), Har (ER), Ste. Yam: C3:,4J. The published Dearborn position is in error.

2247+5818 5735 Near the open cluster NGC 7654.

2247+5959 5737 Also Ste.

2251+6416 5753 The Kurtun position is 6.5′ S of the one given here, which is from two accordant positions from the Ste infrared survey.

2251+6034 5754 Also Ste. Near the open cluster NGC 7419.

2254–0657 5761 Also Ste(R).

2254+6046 5768 Near the open cluster NGC 7419. Kurt88 344, Ste.

2256+5413 5774 +53°3033, D 354 (R), C 518, Har (LR), Ste.

2301+1305 5789 Close to CS in type.

2301+4553 5791 +45°4121, D 355 (N), Ste, AFGL 3015, IRC+50455. Yam: C3,5J; GCVS: C3,5–C4,4–5.

2302+4303 5794 De: C6–,4e. The Ste N classification is obtained independently from two plates.

2310+4618 5822 Van 94 (R2), Ste (R). Yam: C2,2.

2311–2100 5823 Van 95 (R2), Ste (R). War: C1,3; Yam: C3:,3.

2319+4714 5848 Also Dol62. Silicate CSE.

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2319+1711 6913 Also Jon78, Fou92, GJB93, JBGHJKL, GJG94, OLFHHS, AFGL 3068, GJB93.

2323+4525 5861 D 359, Ste.

2323+5610 5865 D 360(N), C 684, Ste, AFGL 5764S, IRC+60403. Yam: C4,5J.

2324+6415 5871 The nearby carbon star No. 2324+6416 is separately seen on two survey plates.

2326+4930 5879 +48°4051, D 361 (R?), Ste (N).

2328+1054 6916 AFGL 3099.

2332+6206 5890 IRC+60412.

2334+4333 6920 Also JVGHJKL, GJBSW, MS76a, GJB93, CKJJ, IRC+40540, AFGL3116, NSV 14623.

2338+5601 5901 Also Ste; IRAS.

2338+3546 5903 +34°4974, D 233 (R), Ste (N). San: R3e; De: C6,4e; Yam: C4,3e. The classifications of this variable star are unusually discordant, reflecting at least some spectrum variation. See also Bidelman (1954).

2339+6315 5909 Blanco's position is that of V441 Cas, called as S on the basis of its redness. There is, however, a carbon star only 7′ away (found and measured in deep infrared survey), and its position is given here. (Ste).

2340+7019 5910 Also +69°1349.

2343+5812 5919 MaeSoy 9. Close to type CS on red plates, which is also reflected by Dean's classification.

2345+6259 5927 Also Nik 6.

2346+0329 5928 D 154 (N), Ste (N), HR 9004, AFGL 3147, IRC+00532, CCCS 3202. HD: a typical star of class Na. San: N; K-M: C6,2.

2347+6241 5936 Nik 11.

2349+0622 5937 D 155 (R), Van 96 (R2), Ste. HD: a typical star of class R3. San: R3; Yam: C3,2.

2352+5805 5954 MaeSoy 26.

2352+5644 5955 40″ away from M-type variable DH Cas.

2353+6243 5957 Also Kurtun.

2355+6256 5961 Also Nik 20, Ste.

2356+6435 5963 Also Nik 22, Ste.

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2356+6253 5964	Also Nik 21, Ste.
2358+5821 5967	Also MaeSoy 33.
2359+5658 5970	D 364 (R), C 519, Ste (N). Yam: C6,3e. The C 519 list identifies with BD+56°3126, which is HDE 240465, type F8. The Case identification is in error; see Gordon (1968). See also Bidelman (1954). V533 Cas, a fainter carbon star, is nearby; member of the open cluster NGC 7789.
2359+5658 5972	7′ away from V532 Cas. In outskirts of the open cluster NGC 7789.

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