# The Ohio Survey between Declinations of 40° and 63° North

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A 1415-MHz continuum survey with the Ohio State University (OSU) 110-m by 21-m radio telescope has been made between declinations of 40° and 63° north covering 4407 deg² of sky. Results are presented by 67 maps of the regions surveyed and by a list of 3475 sources at or above 0.18 f.u. Of these sources, 2388 are previously uncatalogued. This is the fifth installment of the Ohio survey. The five installments include a total of 11 808 sources in 5.87 steradians of sky.

#### I. INTRODUCTION

A CONTINUUM survey at 1415 MHz has been conducted using the Ohio State University (OSU) 110-m by 21-m radio telescope between declinations of 40° and 63° north and between 00h and 24h right ascension. The survey covers 4407 deg² or 86.3% of the area between the above coordinates. The results are presented by maps of the regions surveyed and by a list of 3475 sources of 0.18 flux units and above, of which 2388 are previously uncatalogued.

This survey (Survey V) is the fifth installment of the Ohio Survey. Data on the five installments (plus one supplement) are summarized in Table I. Records for Survey V were obtained between April 1969 and October 1970. Scans were spaced at intervals of 20 arc min in declination and at least two records were taken at each declination.

For the first part of Survey V (between April and October 1969), the OSU radio telescope dimensions were 79 m by 21 m with half-power beamwidths at 1415 MHz of about 10 arc min in right ascension and 42 to 50 arc min in declination. The first part of the survey covered about 2842 deg<sup>2</sup> with about 22 740 beam areas of about 450 square minutes of arc in the region surveyed and 10.7 beam areas per source on the average. During October, November, and December 1969, observations were suspended while the flat reflector of the telescope was increased to 110 m. Observations resumed in January 1970 and for the second part of the survey (between January and October) the telescope dimensions were 110 m by 21 m

with half-power beamwidths at 1415 MHz of about 8 arc min in right ascension and 42 to 50 arc min in declination. The second part of the survey covered about 1565 deg² with about 15 650 beam areas of about 360 square minutes of arc in the region surveyed and 11.5 beam areas per source, on the average.

The difference in telescope performance for the two parts of the survey was duly accounted for in the flux densities by calibration procedures. Estimated flux densities and position errors are summarized in Table II. A comparison of measurements made in Parts 1 and 2 in the regions of overlap shows differences in positions and flux densities consistent with the errors in Table II.

The receiver is a Dicke type with a liquid-nitrogencooled parametric preamplifier giving a system temperature of 95 K (Uenohara and Elward 1964; Fitch 1969). Further receiver details are given in Ehman, Dixon, and Kraus (1970).

At 0.3 f.u., the survey is estimated to have an incremental and total reliability of 90% and 96%, respectively, and an incremental and total completeness of 80% and 93%, respectively, where the definitions of reliability and completeness are as given by Dixon and Kraus (1968) and Fitch et al. (1969).

The digital data for the present survey (V) were processed according to the improved procedures first employed in Survey II (Dixon and Kraus 1968) and which also were employed uniformly in Surveys III and IV. An underestimation in the flux density of some sources in Surveys II, III, and IV at low flux densities was recently discovered. Corrections are available for

TABLE I. Ohio Survey data (1415 MHz).

	Coordin	Coordinates (1950.0)		Flux limit Area		Number of Sources previously per uncatalogu			
Survey	R.A.	Dec.	(f.u.)	(sr)	Number of sources	sterad.	sources	References	
T	08h to 16h	+25° to +38°	0.37	0.31	258	830	129	Scheer and Kraus (1967)	
ÎI	00 to 16	+19 to $+37$	0.16	0.64	1200	1870	750	Dixon and Kraus (1968)	
m	00 to 24	0 to +20	0.16	1.22	2325	1910	1195	Fitch, Dixon, and Kraus (1969); Fitch (1969)	
IV	00 to 24	0 to $-36$	0.16	2.36	4550	1930	3354	Ehman, Dixon, and Kraus (1970)	
Ÿ	00 to 24	+40 to $+63$	0.18	1.34	3475	2590	2388	Brundage, Dixon, Ehman, and Kraus (1971—this article)	
Suppl.	1				14		11	Kraus and Andrew (1971)	
Tota				5 .87	11 822		7827		

TABLE	TT	Position	and flux	errors *

	Dec. range		erage)			R	ms posi	tion erro	r · ·			
Part of survey		half-power beamwidths		S>1 f.u.		S = 0.4  f.u.		S = 0.2  f.u.		Rms flux	Beam	
		R.A.	Dec.	R.A.	Dec.		R.A.	Dec.	R.A.	Dec.	density error	area (min²)
	(40° to 50°	10'	42'	4s	3'		7s	5′	11s	8')	0.15 or	(420
1	{50 to 60	10	46	5	3.5		8	6	13	9 }	30%	{ <b>46</b> 0
	60 to 63	10	50	6	4		10	7	16	11 }		<b>50</b> 0
	(40° to 50°	8′	42′	3s	3′		7s	5′	11s	8′)	0.15 or	(336
2	50 to 60	8	46	4	3.5		8	6	13	9 }	30%	₹ 368
	60 to 63	8	50	5	4		10	7	16	11 )		<b>40</b> 0

<sup>\*</sup> The position and flux density errors quoted apply to unconfused point sources listed as "p" type in Table III. For non-p type the errors may be larger.

the individual sources affected. However, for many statistical purposes a satisfactory correction is to increase the flux density of all sources with  $0.16 \le S_{1415} < 0.5$  f.u. by 0.07 f.u. for Installments II and III and by 0.03 f.u. for Installment IV.

Calibration sources for position were taken from Adgie and Gent (1966), Elsmore and Mackay (1969), Fomalont et al. (1964), Fomalont and Moffet (1971), Mackay (1969), Parker et al. (1966), Pauliny-Toth et al. (1966), and Wyndham and Reed (1965). Forty-one of these sources were used as reference in reducing our systematic error to zero. The resulting rms position error of these 41 sources is 2.4 in right ascension and 1.7 in declination.

Calibration sources for flux density were selected from unconfused point sources measured by Elsmore and Mackay (1969), Fomalont and Moffet (1971), Kellermann (1964), Kellermann et al. (1969), Pauliny-Toth et al. (1966), and Witzel et al. (1971). There were 38 of these sources (average 3.7 f.u.) used as reference to reduce our systematic error to zero. The resulting rms variation in our flux densities for these 38 sources is 13%.

### II. SOURCE LIST

Table III lists all 3475 sources with 1415-MHz flux densities at or above 0.18 f.u. found in Survey V. A large number of sources less than 0.18 f.u. were also found but are not included in Table III as a somewhat greater chance exists that these weaker sources may be spurious. A list of these may be obtained upon request. Estimated errors in the positions and flux densities are given in Table II. The numbers "1" and "2" between the flux density and "Remarks" columns in Table III indicate whether the source was observed in Part 1 or Part 2 of Survey V and which set of errors are applicable.

All source positions were calculated as the centroid of all data available for the source, and all flux densities are integrated values except for those sources classified as "m" in Table III. An integrated flux density is the same as the peak flux density for a point source but is

larger for extended sources. The flux density is measured with a single linear polarization parallel to the meridian.

The sources in the list have been classified according to whether they appear to be point sources, confused, unresolved, extended, etc., which is indicated by a letter symbol in the "Remarks" column. When using the list, it is important to consult this classification as well as the contour map for the region of the source. Thus, the position and flux density errors quoted in Table II apply only to completely resolved, unconfused point sources designated by "p". The errors may be greater for "non-p" sources. The classification in more detail is as follows: "p" represents a point source, that is, a source producing no apparent beam broadening (source extent less than the half-power beamwidth of the antenna) and sufficiently remote from other sources to be a completely resolved and unambiguous entity; "c" indicates a confused source, apparently single but so close to neighboring sources that the position and flux density may be affected; "u" represents an unresolved source consisting of two or more closely grouped sources causing increased uncertainty in the position and flux density; "e" indicates a source which appears to be extended, that is, a source which seems to be single but which shows appreciable beam broadening; "g" stands for a source which may be a galactic feature and, because of the associated background, its position and flux density may be affected; "n" represents a source for which data are either incomplete or obscured by noise so that the position and flux density may be less accurate, "m" indicates a source whose position and flux density were manually calculated and for which the position and flux density may be less accurate. The flux density of "g" and "m" sources is rounded and enclosed in parentheses to indicate greater uncertainty. The distinction between the confused source (c) classification and the unresolved source (u) classification is that the former applies to sources which appear to be single although confused by nearby sources, while the latter applies to sources which appear to be multiple and for which separation into components has not been attempted. Often the choice of classification is difficult, especially for sources with small flux

TABLE III. Radio source list.

			TABLE III.	Naulo soul	Ce list.
	C 1				
	Celestial co (1950		$S_{1415}$		
Source	α (1930	δ	(f.u.)	Part	Remarks
08501	00 <sup>h</sup> 00 <sup>m</sup> 46 <sup>s</sup>	+50°45'	0.22	2	p,c
ов502	00 00 50	53 13	0.30	2	p
OB501.8	00 01 04	51 33	0.63	2 2	p,c
0В403	00 01 50	41 28	0.30	ī	p,c,0A016.1
ов503	00 02 07	52 14	0.19	2	p,c,n
0В504	00 02 55	56 06	0.21	2	<b>p</b>
OB506	00 02 59	54 00	0.21	2	p,n
0B405	00 03 05	47 05	0.47	1	p,c
0 <b>B406</b> 0 <b>B508</b>	00 03 24 00 04 36	48 13 56 47	(0.9) 0.31	1 2	m,p,c,4C48.02,4CP48.02 p,n
				-	P 1
ов408	00 04 45	46 06	0.39	1	p,c
0в509	00 05 20	59 <b>5</b> 2	0.23	2	p,n
OB512	00 07 28	57 42	0.19	2	P
OB516	00 09 50 00 10 33	57 09 52 34	0.98	2	p,CTB3
OB518	00 10 33	32 34	0.46	2	p,c
OB417	00 10 36	46 13	0.50	1	p,c
OB418	00 10 52	40 27	1.77	1	u,OAO18,4C40.01,4CP40.01,DA006,DW0010+40,
					LHE001, VRO40.00.01
OB419	00 11 30	41 54	0.29	1	p,0A019
OB519	00 11 53	54 46	0.21	2	p
ов520	00 11 58	56 09	0.26	2	p,c
ов620	00 12 09	60 59	(4.4)	2	m,p,4C60.01,4CP60.01,DA007,DW0012+61
0B421	00 12 33	45 13	0.36	1	p,4C45.01
0B521	00 12 46	55 45	0.34	2	p,c,4C55.01
OB422	00 13 11	48 31	(0.7)	ī	m,p,4C48.03
OB522	00 13 12	58 28	0.42	2	u
	:				
OB522.4	00 13 26	50 27	(1.9)	. 2	m,p,c,4C50.01,4CP50.01,BP001,LHE005
OB423	00 13 48	46 02	0.20	. 1	P
OB425	00 15 03	40 16	0.28	1	p,n
OB525	00 15 12	54 43	0.39	2	p,4C54.01
0B526	00 15 19	52 32	(0.5)	2	m,p,c
0В527	00 16 24	59 29	0.19	2	p
OB427	00 16 46	44 33	0.45	1	u,c,4C44.01
OB428	00 16 57	45 14	0.20	1	p,c,0A022
OB528	00 17 10	56 33	0.76	2	P
ов529	00 17 41	58 46	0.54	2	p
ов430	00 17 48	43 05	0.24	1	
0B531	00 17 48	53 33	0.76	2	p,c p,c
ов530	00 18 08	54 26	0.32	2	p,c
OB431	00 18 23	42 36	0.65	1	p,c
ов432	00 19 11	43 12	0.32	1	p,c,OA024,4C43.01
0в433	00 19 15	46 33	0.26	1	<b>p</b>
OB533	00 19 48	56 55	0.24	2 2	p,c
0B633 0B434	00 19 49 00 20 08	60 20 40 49	0,29 0,21	1	p,c
0В435	00 20 39	44 04	0.61	1	p u,4C43.02,DA010
-3.03	== ••	/· -·		_	
OB534	00 20 49	53 55	0.19	2	p
OB535	00 21 01	55 35	0.21	2	p
0В536	00 21 24	58 27	1.36	2	e,4C58.01,DGVW002
0В436	00 21 28	46 02	0.19	1	p,c
OB438	00 23 00	42 26	0.36	1	p,0A027
ов539	00 23 08	58 30	(1.2)	2	m,e
OB439	00 23 17	45 43	0.21	1	p
OB540	00 23 51	56 05	0.20	2	<b>p</b>
OB441	00 24 44	47 06	0.23	1	p,c
ОВ644	00 26 38	60 50	0.65	2	u
0В545	00 26 51	57 09	0.22	2	n
0B545 0B546	00 26 31	58 42	1.09	2	P e
OB447	00 27 49	45 02	0.32	1	p,4C45.02
OB547.3	00 28 20	54 51	0.55	2	p,c
OB547	00 28 23	53 47	1.84	2	p,c,LHE007
25512	00 00 00	FF 10	0.07	•	
OB548	00 29 00	55 49	0.21	2	P
ов449 ов450	00 29 35 00 29 56	44 03 41 43	0.35 0.21	1 1	p D
UC#3U	00 27 30	41 43	0.41	1	P

TABLE III (continued)

	Celestial co				
Source	(1950 α	.υ) δ	S <sub>1415</sub> (f.u.)	Part	Remarks
Source			(1.u.)	Tart	Remarks
OB552	00 <sup>h</sup> 31 <sup>m</sup> 59 <sup>s</sup>	+57°26'	0.22	2	P
OB453	00 32 00	42 24	0.44	1	u,OA029,1,4C42.01
OB553	00 32 18	52 16	0,20	2	p
OB554	00 32 29	56 36	0.19	2	P P
OB454	00 32 36	47 46	0.21	ī	p
0В654	00 32 39	61 08	0.22	2	p
OB555	00 33 11	<b>54 2</b> 5	0.43	2	p
OB555.4	00 33 16	58 37	2.84	2	p,n,3C014.1,4C58.02,NRAO028,LHE009
OB457	00 34 20	44 31	0.71	ī	p,c,4C44.02
0В658	00 34 32	60 15	2.02	2	p,4C60.02,4CP60.02,NRA0031
OB557	00 34 38	52 33	0.39	2	P
OB557.8	00 34 41	50 36	0.36	2	p,c
OB558.7	00 35 13	54 53	0.26	2	p,c
OB459	00 35 25	45 14	0.23	ī	
OB559.5	00 35 38	59 04	0.19	2	u,c p
ов559	00 35 41	50 19	0.95	2	n a 4050 02 40050 02 pno02
0B4 <b>6</b> 0	00 35 49	41 25	0.38		p,c,4C50.02,4CP50.02,BP002
0B560				1	p,0A033
	00 35 52	53 18	0.20	2	p
0B561 0B462	00 36 28 00 37 09	55 32 48 40	0.79 0.29	2 1	p,c,4C55.02,4CP55.02 p,c
0В464	00 38 10	40 28	0.57	1	e,0A035.1,Part of M31
0В465	00 38 45	48 13	0.57	1	p,c,4C48.04
OB564	00 39 00	51 36	0.76	2	p,c
OB565	00 39 24	56 46	1.43	2	p
0В566	00 39 39 ·	50 37	0.54	2	p,c,4C50.03
0В467	00 39 50	41 03	1.78	1	e,OAO35.3,DAO21,HBO2,Part of M31
OB567	00 40 20	51 45	13.00	2	p,c,3CO20,4C51.02,4CP51.02,NRAOO36,BPOO3, CTA5,CTB6,DAO22,LHEO14
OB567.4.	00 40 30	54 31	0.24	2	
OB568	00 40 34	58 18	0.29	2	P D
OB468	00 40 45	46 59	0.46	1	p u,c,4C46.01
о <b>в668</b>	00 40 54	61 08	0.26	2	n.
OB469	00 41 57	42 33	0.45	1	p p c 04035 6 4042 03
OB469.9	00 42 03	41 22	1.72	1	p,c,OAO35.6,4C42.03
OB470	00 42 03	45 46			e,0A035.5
OB571	00 42 17	53 36	0.36 0.23	1 2	p,c p
ов572	00 43 26	51 34	0.24	2	
OB472	00 43 49	43 27	0.25		<b>p</b>
				1	<b>p</b>
OB573	00 43 55	54 40	0.23	2	p
0B473 0B474	00 43 56 00 45 <b>0</b> 0	41 53 47 54	0.31 0.26	1 1	p,c,0A035.8,Part of M31 p,c
0B475	00 45 16	46 32	0.30	1	p (acoloo
0B675	00 45 34	60 59	0.49	2	p,4C60103
OB576	00 45 36	58 24	2.90	2	e
0в676	00 45 38	62 18	0.34.	2	p
OB578	00 46 57	50 48	0.48	2	p,c
0В579	00 47 53	51 59	0.21	2	p,c
OB580	00 48 04	50 58	- 3.15	2	p,c,3C022,4C50.04,NRA0040,BP004,DA023,LHE015
OB481	00 48 45	44 43	0.38	1	p = 1
OB482	00 49 00	42 22	0.27	1	p,0A037.1
ов683	00 49 36	60 15	0.20	2	P
08582.8	00 49 40	53 54	0.26	2	p
OB483	00 49 43	43 33	0.33	1	p
ов583	00 49 46	50 59	0.52	2	p,c,NRA0043
OB585	00 50 19	54 52	0.19	2	P
0В684	00 50 21	62 15	0.19	2	p
OB584	00 50 36	52 34	0.41	2	p,4C52.02,4CP52.02
OB484	00 50 40	49 36	(0.4)	1	m,p,c
ов485	00 51 31	46 14	0.41	1	p,c
0в486	00 51 32	40 30	0.79	1	p,c,0A038,3C024,4C40.04,4CP40.04,NRA0045,
0в487	00 51 49	45 31	0.55	1	VRO40.00.04
				1	p,c,LHE017
	00 52 10	47 12	0.28	1	
OB488	00 53 10	4/ 12	0.20	- 1	p,c

Table III (continued)

	Celestial co			*	
Source	α (1950 α	.0) δ	S <sub>1415</sub> (f.u.)	Part	Remarks
ОВ491	00 <sup>h</sup> 53 <sup>m</sup> 27 <sup>s</sup>	+41°20'	0.33	1	p,OA039,VRO41.00.01
ов490	00 53 27	47 55	0.27	1	p,c
OB590	00 53 54	51 12	0.30	2	p,c
OB492 OB593	00 53 56 00 54 22	43 51 56 44	0.38 0.64	1 2	p,0A040,4C43.03 u,4C56.01
ОВ591.1	00 54 38	59 <b>5</b> 6	0.60	2	
OB592	00 55 14	55 38	0.63	2	p,c p,c
0в693	00 56 13	61 50	0.22	2	p,c
0В694 0В594	00 56 16 00 56 34	60 49	0.59	2	u,c
06394	00 36 34	55 23	0.38	2	p,c
0В595	00 56 47	57 53	0.32	2	p
0В496 0В497	00 57 47	48 08	0.46	1	p,c
0B497 0B498	00 58 07 00 58 09	40 22 49 45	0.19 0.21	1	p
OB597	00 58 58	52 57	0.20	2	p,c
OB498.7	00 59 13	41 13	0.18	1	and the second s
ов499	00 59 16	47 29	0.65	î	p p,c,4C47.01,4CP47.01
ов599	00 59 30	50 29	0.49	2	p,c
OB599.5	00 59 42	58 13	(0.8)	2	т
0 <b>C400</b>	01 00 00	46 12	1.43	1	p,c,4C46.02
0C501	01 00 10	53 12	0.39	2	p,c
0C500	01 00 12	51 04	0.36	2	p,c,4C51.03
0C601 0C401	01 00 44 01 00 47	60 27 42 19	0.26 0.50	2 1	p p,0A042
0C402	01 01 30	46 05	0.20	î	p, c
0C403	01 02 21	48 33	0.68	1	p,c,4C48.05
0C404	01 02 26	44 34	0.57	î	p,c
OC506	01 02 46	50 52	0.20	2	p
0C405 0C406	01 02 52 01 03 52	47 58 42 07	0.61 0.65	1	p,c
00406	01 03 32	42 07	0.65	1	p,n,OAO45,4C42.04,LHEO21
0C505	01 04 31	50 52	0.23	2	p,c
0C408 0C409	01 05 05 01 05 34	44 07 48 36	0.54 0.67	1 1	p,c p,c,n
0C610	01 06 00	61 09	0.29	2	p,4C61.01,4CP61.01
OC511	01 07 18	53 49	0.25	2	p,4C53.01
0C612	01 07 28	60 18	0.56	2	p,4C60.04,4CP60.04
OC512	01 07 56	56 15	2.21	2	p,c,4C56.02,4CP56.02,DA038,DW0107+56
00513	01 07 59	55 30 50 00	0.33	2	p,c,4C55.03,LHE024
0C513.3 0C513.8	01 07 59 01 <b>08</b> 17	59 00 57 13	1.22 1.39	2 2	u,c,4C59.01 p,c,4C57.01,4CP57.01
0C514	01 08 19	54 35	0.28	2	p
OC413	01 08 26	43 34	0.22	1	p,c,0A048
OC514.1	01 08 28	58 01	0.21	2	p,c,4C58.03
0C414 0C414.9	01 08 38 01 08 58	42 55 47 04	0.21 0.20	1	p,c p,4C47.02
0C415 0C415.5	01 09 03 01 09 18	49 14 41 36	2.13 1.16	1	p,c,3C035,4C49.04,4CP49.04,NRA0061,DA039 p,OA050,4C41.01,4CP41.01,VRO41.01.01
0C416	01 09 30	44 32	0.39	î	p,c
OC516	01 09 45	53 13	0.29	2	p
OC516.3	01 09 48	50 31	0.28	2	p,c
OC517	01 10 06	56 16	0.22	2	P
0C417	01 10 24	49 36	0.72	1	p,c,BP005
0C618 0C518	01 10 39 01 11 01	62 08 54 28	0.54 0.26	2 2	p,4C62.02,4CP62.02 p,c,4C54.02,4CP54.02
0C419	01 11 10	48 07	1.38	1	p,4C48.06,4CP48.06
0C519	01 11 28	53 52	0.24	2	p.c.4C54.02,4CP54.02
0C520	01 11 28	50 35	0.19	2 2	p
0C420	01 12 03	43 13	0.19	1	p,4C43.04
0C523 0C522	01 13 11 01 13 26	51 50 58 33	0.39 0.19	2 2	p,c
					P
0C523.3 0C424	01 13 56 01 14 28	51 15 41 54	0.20 0.29	2 1	p,c p,c,0A056
0C424	01 14 28	43 46	0.23	ī	P
OC523.9	01 14 39	58 59	0.18	2	p

Table III (continued)

mrna.		coordinates			
Sour		δ0.0)	$S_{1415}$ (f.u.)	Part	Remarks
00624	01 <sup>h</sup> 14 <sup>m</sup> 59 <sup>s</sup>	+62°28'	0.22	•	
0C624 0C425	01 15 05	45 20	0.22 1.20	2	p,n p,3C036,4C45.03,NRAO064,LHE027
0C525	01 15 09	56 54	0.24	2	
0C625			0.19	2	p
0C425	01 15 10 .1 01 15 11	61 48 40 42	0.19	1	p p,0A056.1
30423	.1 01 13 11	40 42	0.23	-	p, 0.0050.1
0C426	01 15 41	46 53	0.54	1	p,c,4C46.03
0C427	01 16 25	43 46	0.41	1	p
0C526	01 16 57	54 47	0.28	2	p
OC528	01 17 05	51 36	0.22	2	p
OC629	01 17 21	60 14	0.26	2	p
0C530	01 18 34	56 02	0.22	2	p,c
0C531	01 18 49	52 36	0.21	2	P .
0C632	01 19 14	60 46	0.36	2	p,c
OC532	01 19 19	59 43	0.19	2	p
OC533	01 19 37	58 41	0.67	2	p,4C58.04,4CP58.04
oc432	01 19 50	49 50	0.30	1	p,c,4C49.05,4CP49.05,BP006
0C633		61 38	2.28	2	u,c,4C61.02,4CP61.02,DW0119+61
0C433	01 20 18	48 45	0.40	1	p,c
0C434		40 39	0.70	i	p,OA059,4C40.06,VRO40.01.02
0C534		51 14	0.39	2	p,0A035,4C40.00,7K040.01.02
0C435		43 06	0.38	1	p,OA060,4C42.05
0C535		56 05	0.37	2	p,n
OC435		47 13	0.23	1	P
OC436		48 52	0.19	1	p,c
OC536	.6 01 21 56	52 17	0.19	2	p
oc537	01 21 59	50 52	0.21	2	p
0C538		57 42	0.80	2	p,4C57.02,4CP57.02
0C438		47 35	0.24	ī	p,n
0C439		45 41	0.21	1	p
OC539		59 43	0.23	2	p
00510	01 2/ 01	E/ /0	0.33	- 1	_
0C540 0C640		54 42 61 36	0.22 0.59	2 2	p n o
					p,c
0C441		47 24	0.21	1	p
OC540 OC542		55 54 53 02	0.37 0.20	2 -2	p,4C55.04,4CP55.04,LHE031 p
00342	01 24 30	33 02	0.20	-	P
OC541		50 50	0.18	2	p
OC643		60 23	0.24	2	p,n
OC544		57 21	1.05	2	p,c,4C57.03,4CP57.03,DW0126+57
OC442		41 45	0.18	1	p,c
OC443	01 26 35	42 33	0.28	1	p,c
OC444	01 26 39	44 56	0.34	1	p
OC545		58 19	0.56	2	p,c,4C58.05,4CP58.05
OC645		61 09	0.18	2	P
OC445		40 42	0.34	1	p,c,0A060.1
OC546		53 37	0.45	2	p
OC447	01 20 10	40 43	0.24	1	n c
		55 43			p,c
00547			0.20	2 2	p,c
00548		51 57 56 21	0.19	2	p ·
0C549 0C550		56 21 54 57	0.48 0.20	2 2	p,c
06330	01 30 17	J4 J/	0.20	4	p
OC450		45 42	0.28	1 -	u,c
0C451		46 32	0.59	- 1	u,c,4C46.04
OC552		54 11	0.20	2	P
OC454		42 04	0.23	1	p
OC554	01 32 31	52 18	0.19	2	p,4C52.03
00655	01 32 55	60 15	0.26	2	n
0 <b>C65</b> 6		62 22	0.20	2	c p
OC457		47 34	2.89	1	p
0C43		58 31	0.19	2	P P
0C458		49 41	0.18	1	P P
0C459 0C559		48 06 57 49	0.19 0.20	1 2	P P

Table III (continued)

			1 ABLE	: 111 (conn	nueu)
	Celestial co		C		
Source	$\alpha$ (1950)	δ δ	$S_{1415}$ (f.u.)	Part	Remarks
 0C560 0C461 0C462 0C462.6	01 <sup>h</sup> 35 <sup>m</sup> 56 <sup>s</sup> 01 37 10 01 37 19 01 37 32	+57°01' 43 56 41 24 40 43	0.20 0.26 0.25 0.19	2 1 1	p p,c,n p,c,OAO65 p,c
0C463 0C465 0C564	01 37 46 01 38 08 01 38 41	46 31 45 04 57 57	0.23 0.21 1.17	1 2	p p p,4C58.06,4CP58.06
0C665 0C466 0C566	01 39 03 01 39 08 01 39 31	61 40 42 49 51 10	0.29 0.18 0.24	2 1 2	p,n p p,c
OC567 OC567.5 OC568 OC467 OC469	01 40 26 01 40 31 01 40 46 01 41 32 01 41 40	51 17 58 47 56 06 40 23 47 29	0.31 0.30 0.30 0.19 0.38	2 2 2 1 1	p,c,3C050 u p p,0A066.2 p
0C570 0C472 0C472.8 0C473 0C474	01 41 52 01 43 24 01 43 41 01 43 45 01 44 14	57 53 47 37 42 23 44 40 46 34	0.22 0.25 0.21 0.53 0.44	2 1 1 1	p u p,c p,4C44.04,LHE039 p,c
0C474.1 0C475 0C575 0C476 0C575.8	01 44 24 01 44 49 01 45 18 01 45 22 01 45 27	48 37 43 05 53 18 46 36 50 53	0.40 0.53 4.34 0.40 0.20	1 1 2 1 2	p,c,4C48.07 p,4C43.05 p,3C052,4C53.02,4CP53.02,NRA0082,DA059,LHE041 p,c
0C477 0C481 0C681 0C581 0C482	01 45 49 01 48 35 01 48 41 01 48 50 01 49 03	40 25 47 28 60 40 50 58 49 28	0.21 0.48 0.48 0.24 0.26	1 1 2 2 1	p,0A068.1 p,4C47.03,4CP47.03 p,n p
0C583 0C484 0C484.8 0C485 0C585	01 49 44 01 50 39 01 50 52 01 51 07 01 51 23	59 25 40 34 42 50 48 30 52 52	0.29 0.55 0.21 0.27 0.18	2 1 1 1 2	p,c p,c,OA071,4C40.07 p p,c
OC686 OC486 OC487 OC586 OC587	01 51 32 01 51 41 01 51 58 01 52 20 01 52 21	62 06 45 45 47 24 57 34 56 38	0.53 0.43 0.43 0.22 0.31	2 1 1 2 2	p,4C62.03,4CP62.03 p,c,4C45.04 p,c,4C47.04 p
OC487.4 OC488 OC489 OC590 OC591	01 52 25 01 52 29 01 53 24 01 53 46 01 54 26	43 32 46 47 41 35 50 17 58 47	1.74 0.27 0.53 0.21 0.33	1 1 1 2 2	p,3C054,4C43.06,NRAO084,DA062,LHE043 p,c,4C47.04 p,OA071.1,OA072,4C41.02,LHE044,VRO41.01.02 p
0C490 0C691 0C491 0C592 0C492	01 54 31 01 54 42 01 54 46 01 55 13 01 55 28	47 23 60 58 44 54 55 58 42 23	0.19 0.42 0.24 0.29 0.29	1 2 1 2 1	p p p,0A074 p
0C492.9 0C493 0C593 0C595 0C695	01 55 51 01 55 53 01 56 02 01 57 05 01 57 1c	46 04 40 55 53 23 58 38 61 22	0.18 0.29 0.87 0.20 0.18	1 1 2 2 2 2	p p,c,n,VR040.01.04 p,4C53.03,4CP53.04,LHE045 p p,4C61.03
0C495 0C496 0C596 0C696 0C597	01 57 17 01 57 31 01 57 48 01 57 49 01 58 29	40 35 44 07 50 35 60 17 53 13	1.41 1.28 0.32 0.39 0.23	1 1 2 2 2 2	p,c,0A076,4C40.08,4CP40.08,DA065,VR040.01.05 p,0A078,4C44.55,NRA0086,LHE046 u p p,4C53.04
OC598 OC598.4 OC498	01 58 55 01 59 03 01 59 44	51 59 55 05 47 55	0.24 0.36 0.57	2 2 1	p,n p p,c,4C48.08,4CP48.08,NRAO089

Table III (continued)

	Celestial co (1950	.0)	$S_{1415}$	i	
Source	α	δ	(f.u.)	Part	Remarks
OC499 OD401 OD501 OD502 OD402	01 <sup>h</sup> 59 <sup>m</sup> 47 <sup>s</sup> 02 00 21 02 00 26 02 00 28 02 00 57	+41°48' 48 30 53 52 50 55 49 13	0.27 0.41 0.38 0.41 0.21	1 1 2 2 1	p p,c,4C48.08,4CP48.08,NRAO089 p p p,c,LHEO48
OD402.7	02 01 35	41 27	0.26	1	p
OD403	02 01 36	47 54	0.29	1	p,c
OD503	02 01 39	57 38	0.56	2	p,n,4C57.04,4CP57.04
OD403.3	02 01 57	43 45	0.58	1	p,OA088,LHE050
OD504	02 01 59	51 25	0.34	2	p
OD404	02 02 13	42 15	0.31	1	u
OD407	02 04 08	47 13	0.44	1	p,n,4C47.05
OD507	02 04 17	53 37	0.27	2	p
OD508	02 05 07	57 04	0.18	2	p
OD509	02 05 12	50 01	0.46	2	p
OD410 OD511 OD512 OD513 OD414	02 06 09 02 07 11 02 07 38 02 07 52 02 08 11	46 03 57 43 53 54 50 33 43 36	0.56 0.28 0.44 0.33 0.30	1 2 2 2 1	u p p p
OD514 OD515 OD416 OD417 OD518	02 08 40 02 08 50 02 09 42 02 10 24 02 11 05	51 54 52 34 43 54 49 16 51 26	0.22 0.30 0.27 0.23 0.59	2 2 1 1 2	p,c,4C52.04,4CP52.04 p,c,4C52.04,4CP52.04 p,n p
OD519	02 11 56	50 35	0.43	2	p,c
OD520	02 12 04	56 00	0.42	2	e
OD521	02 12 42	54 40	1.14	2	p,c
OD422	02 13 30	41 08	0.65	1	u,c,4C41.03,VR041.02.01
OD423	02 13 36	43 06	0.25	1	p
OD523	02 13 57	56 09	0.81	2	e
OD524	02 14 12	51 46	0.35	2	p,n
OD424	02 14 19	42 15	0.31	1	p,c,LHE054
OD524.8	02 14 52	57 40	0.26	2	p,c
OD525	02 14 54	58 34	0.37	2	p,c
OD424.9	02 15 21	45 41	0.20	1	p
OD425	02 15 41	47 13	0.22	1	p,c
OD425.1	02 15 41	46 27	0.20	1	p,c
OD426	02 15 42	42 25	1.11	1	u,c,0A100,4C42.06
OD526	02 16 01	53 49	0.40	2	p,4C53.05
OD527 OD428 OD528 OD430 OD431	02 16 08 02 16 35 02 16 40 02 17 51 02 18 31	50 59 47 45 55 20 47 49 48 25	0.19 0.39 0.18 0.18	2 1 2 1 1	p p,c p p,c p,c
OD530	02 18 52	53 16	0.35	2	p,c
OD531	02 18 53	58 36	0.41	2	p,n,4C58.07(LS)
OD431.9	02 19 08	44 04	0.21	1	p
OD533	02 19 33	54 33	1.57	2	p,c,4C54.03,LHE056
OD432	02 19 35	45 25	0.30	1	p,c
OD433 OD534 OD434 OD535.3 OD535.4	02 19 52 02 20 11 02 20 33 02 21 08 02 21 12	42 42 56 15 46 12 55 57 50 46	11.53 0.76 0.28 0.40 0.59	1 2 1 2 2	e,3C066,4C42.07,NRA0102,CTA18,DA073,LH1 e p,c e p,c
OD437	02 22 33	42 10	0.19	1	p
OD438	02 22 39	40 19	(0.7)	1	m,p,OA104,4C40.09,VRO40.02.01
OD538	02 22 41	59 05	0.26	2	p,c
OD539	02 23 42	51 04	0.70	2	p,c,4C51.04,4CP51.04,BP007
OD540	02 24 02	52 23	0.39	2	p,c,4C52.05,LHE060
OD440	02 24 51	49 53	0.51	1	u,c,BP008
OD541	02 24 52	51 52	0.34	2	p,c
OD542	02 25 15	54 07	0.36	2	p,n

Table III (continued)

			1 ABLE 1	11 (continu	sea)
	Celestial co	ordinatos			
	(1950		$S_{1415}$		
Source	α	δ	(f.u.)	Part	Remarks
OD442	02 <sup>h</sup> 25 <sup>m</sup> 19 <sup>s</sup>	1/09201	0.56		
OD442	02 25 37	+49°20' 42 51	0.56	1	p,c,4C49.07,4CP49.07,BP009
OD444	02 26 00	46 45	0.37 1.06	1	p,c
OD543	02 26 08	55 47	0.18	2	p,c,4C46.05,LHE061
OD544	02 26 23	57 24	0.64	2	p p,c,4C57.05,4CP57.05
					p,c, 103, 1013/103
OD445	02 26 39	42 17	0.19	1	p,c
OD446	02 27 36	44 45	0.50	1	p
OD546 OD446.9	02 27 46 02 28 07	57 05 4 <b>3 4</b> 5	0.22	2	p,c
OD447	02 28 22	41 07	0.19 0.39	1 1	p p,c,0A107
		,,,	0.33		p,c,oa107
OD549	02 29 10	50 <b>5</b> 3	0.51	2	u,4C50.06,4CP50.06
OD448	02 29 23	49 52	0.40	1	p,c
OD449	02 29 32 02 30 14	49 16	0.37	1	p,c
O <b>D55</b> 0 O <b>D5</b> 52	02 30 14	56 12 54 35	0.22 0.27	2 2	p n
02332	02 30 30	34 33	0.27	2	P
OD452	02 31 24	46 53	0.37	1	p
OD554	02 32 19	55 51	0.18	2	p
OD454	02 32 43	41 02	1.56	1	p,n,4C41.04,VRO41.02.02
OD454.9	02 32 56	46 47	0.20	1	p,c
OD555	02 33 01	50 46	0.23	2	p,n
OD455	02 33 36	47 25	0.46	1	u,c,4C47.06
OD456	02 33 43	43 16	0.41	1	p
OD456.4	02 33 50	44 43	0.20	ī	p
OD556	02 34 07	56 41	0.21	2	p
OD557	02 34 19	58 58	3.65	2	p,c,3C069,4C58.08,4CP58.08,NRA0109,CTB10,
					DA081,LHE064
OD557.6	02 24 22	E2 22	0.10	2	
OD558	02 34 33 02 34 36	52 22 51 02	0.18 0.22	2 2	P
OD457	02 34 53	48 04	0.46	1	p p,c
OD458	02 35 01	46 33	0.21	ī	p
OD459	02 36 08	42 25	0.21	1	p
OD460	02 36 10	44 56	0.25	1	p,c
OD561 OD461	02 36 53 02 37 11	50 05 43 46	0.20 0.59	2 1	p
OD461.9	02 37 21	42 48	0.21	1	p,c p,c
OD562	02 37 22	56 18	0.60	2	p,c,4C56.04
OD462	02 37 39	44 46	0.32	1	p,c
OD463	02 38 04	40 41	0.30	1	p,c
OD563 OD464	02 38 06 02 38 09	52 34 41 <b>3</b> 2	0.25 0.28	2 1	p
OD564	02 38 14	59 17	0.91	2	p,c p,c,MAFFEI 2
				_	F,-,
OD564.1	02 38 25	58 12	0.20	2	p,c
OD465	02 38 59	42 16	0.38	1	u,c
OD466	02 39 37	40 36	0.40	1	p,c
OD467	02 40 02 02 40 49	49 45 42 01	(1.5)	1	m,u,4C49.08,4CP49.08,BP010,LHE066
O <b>D46</b> 8	04 40 47	42 UI	0.24	1	p,n
OD469	02 41 10	47 14	0.39	1	p,c
OD569	02 41 52	51 08	0.25	2	p
OD470	02 42 03	44 48	0.49	1	p,c
OD471	02 42 13	46 30	0.29	1	p,c
OD570	02 42 18	53 38	0.27	2	p,c
OD472	02 42 57	43 52	0.49	1	p,c
OD573	02 44 08	52 24	0.82	2	p,c,4C52.06,LHE069
OD474	02 44 34	48 16	0.27	1	p,n
OD574	02 45 02	57 00	0.89	2	e,4CP56.04A
OD575	02 45 07	58 06	0.38	2	p,c,4C57.06
OD 5.76	02 45 52	51 1º	0.25	2	n .
OD576 OD477	02 45 52	51 18 42 49	1.61	1	p p,c,4C42.08,DA083,LHE071
OD478	02 46 48	44 54	0.25	1	p,c,4042.00,bA003,biib0/1
OD579	02 47 37	55 57	3.69	2	e e
OD479	02 47 39	47 24	0.33	- 1	p,c
05/30 -	00 /7 /0	,, ,,	1 20	-	1016 06(102)
OD479.5	02 47 43	46 44 41 45	1.39 0.31	1 1	p,c,4C46.06(LS?)
OD479.6 OD479.9	02 47 43 02 47 54	40 28	0.35	1	p,c p,VRO40.02.021
OD479.9	02 47 57	45 46	0.29	1	u,c
52700	• .				

Table III (continued)

	Celestial co (1950		$S_{1415}$		
Source	α (1750	δ	(f.u.)	Part	Remarks
OD481	02 <sup>h</sup> 48 <sup>m</sup> 20 <sup>s</sup>	+42°54'	0.63	1	p,c,0A116
OD481.9	02 49 10	43 42	0.21	ī	p,c,
OD582	02 49 12	53 15	0.40	2	p
OD482	02 49 20	47 31	0.23	1	p,c
OD583	02 49 32	51 22	0.22	2	p,c
OD483	02 49 56	48 21	0.25		
OD484	02 50 30	44 52	0.60	1 1	p,c u,c,4C44.06
OD584	02 50 41	50 39	0.24	2	p,c
OD485	02 50 46	49 10	0.24	1	p
OD585	02 50 46	56 00	1.86	2	• e
OD485.1	02 50 50	44 03	0.20	1	p,c
OD585.4	02 51 16	5 <b>3 52</b>	0.21	2	p
OD585.7	02 51 26	51 16	(0.5)	2	m,p,c
OD586	02 51 28	57 55	0.39	2	p,n
OD486	02 51 39	41 05	0.25	1	u, VRO40.02.022
OD486.2	02 51 45	48 01	0.35	1	p,4C47.07,4CP47.07
OD487	02 52 28	43 05	0.36	1	p,c
OD588	02 53 02	57 08	0.18	2	p
OD589	02 53 13	51 49	0.28	2	p,4C51.05
OD589.6	02 53 48	58 54	0.33	2	p
OD489	02 53 49	46 34	0.64	1	p,c,4C46.07(LS)
OD590	02 53 49	53 07	0.19	2	p,c
OD490	02 54 18	43 33	0.25	1	p
OD491	02 54 30	40 42	0.59	1	p,4C40.10,VRO40.02.03
OD591	02 54 33	53 54	0.28	2	p,c
OD491.9	02 55 06	48 26	0.22	ī	p
OD492	02 55 07	46 05	0.39	1	p,c,4C46.07(LS)
OD592	02 55 21	56 01	3.37	2	e,4C55.05
OD593	02 55 39	50 41	1.69	2	p,c,4C50.07,NRA0119,BP011,BP012,LHE072
OD493	02 56 14	42 38	0.37	1	p
OD494	02 56 18	44 48	0.23	1	P
OD594	02 56 25	51 38	0.36	2	u,c
OD595	02 57 07	52 <b>1</b> 5	0.40	2	p,c
OD596	02 57 40	50 34	0.80	2	p,c,4C50.07,4C50.08,4CP50.08,NRA0120,BP012, BP013,LHE075
OD495	02 57 57	40 34	0.19	1	p,c
OD496	02 58 19	44 08	0.21	ī	p,c
OD597	02 58 46	53 28	0.22	2	p,c
OD497	02 58 49	43 07	0.74	1	u,c,4C43.07(LS)
OD498	02 58 52	40 24	0.37	1	u,c
о <b>р598</b>	02 59 06	50 45	0.31	2	p,c,3C076,NRA0121
OD499	02 59 30	41 07	0.32	1	u,c
O <b>D599</b>	02 59 46	53 56	0.43	2	p,c
0E400	03 00 13	47 00	1.96	1	p,c,4C47.08
OE402	03 01 22	48 16	0.71	2	p,c,NRAO123,LHE077
0E403	03 01 43	46 58	0.28	1	p,c,n
OE403.2	03 02 00	47 55	1.12	2	p,c,4C48.10,4CP48.10
0E604	03 02 03	62 21	(1.2)	2	m,4C62.07,4CP62.07
OE404	03 02 17	40 17	0.32	1	p,c
OE406	03 03 21	45 45	0.32	1	p,n
0E407	03 04 17	49 18	0.24	2	p
0E608	03 04 53	61 49	0.36	2	p,c,n
0E408	03 05 20	43 47	0.28	1	p,c
OE409	03 05 27	43 08	0.42	1	<b>c</b>
0E510	03 06 03	53 22	0.50	2	p,c
OE510.1	03 06 04	50 06	0.24	2	p
OE510.2	03 06 08	52 18	0.28	2	p,c
OE411.2	03 06 48	47 51	0.40	2	p,4C47.09
OE410	03 06 51	42 45	2.65	1	u,OA120,VR042.03.01
OE411	03 07 06	44 21	1.14	1	u,OA118,4C44.07,LHE079
OE412	03 07 10	41 21	0.26	1	p,c
					181
OE513 OE413	03 07 49 03 08 21	54 51 40 26	0.55 0.35	2 1	p,c,DA098 p,c,VR040.03.01

# OHIO SURVEY. V

Table III (continued)

Source	(195	coordinates $\delta 0.0$ ) $\delta$	$S_{1415}$ (f.u.)	Part	Remarks
0E414	03 <sup>h</sup> 08 <sup>m</sup> 30 <sup>s</sup>	+41°21'	0.25	1	11.0
0E415	03 08 56	48 27	0.50	2	u,c p,c,3C081,NRAO126
0E515	03 09 412	52 30	0.83	2	p,c
0E415		44 56	0.57	1	p,c,4C44.08
0E516	03 09 22	51 38	0.24	2	p,c
0E416	03:09 39	46 37	0.44	1	p,c
OE417	03 09 39	41 12	1.11	1	u,c,OA124,3C082,4C41.05,NRAO128
0 <b>E416</b> .		47 40	0.26	2	u
O <b>E517</b> OE618	03 10 09 03 11 03	50 <b>38</b> 62 <b>2</b> 3	0.35 0.32	2 2	p,4C50.09 p
	***************************************		0.52	-	P
0E418	03 11 04	44 22	0.32	1	p,c
OE419 OE420.	03 11 15 5 03 12 23	43 01 48 06	1.64 0.21	1 2	p,c,4C43.09,NRA0130,LHE081,VRO42.03.02
0E420	03 12 57	44 30	0.32	1	p p,4C44.09
OE522	03 13 13	52 58	0.61	2	p
0E421	03 13 23	40 59	0.55	1	
0E422	03 13 27	46 00	0.35	1	p,c p
OE423	03 14 00	49 12	0.38	2	p,4C49.09(LS),4CP49.09,DA095
OE424	03 14 17	43 45	0.21	1	p
OE425	03 14 59	41 39	8.68	1	u,3C083.1,4C41.06,NRAO131,HB06,LHE083, VRO41.03.01
					1.0041.03.01
0E526	03 15 25	54 39	(0.6)	2	m,e
0E427	03 16 26	41 19	12.54	1 ,	u,3C084,4C41.07,NRAO132,CTA22,DA097,HB06,
OE427.	5 03 16 35	47 24	0.34	2	LHE04,W06,DGVW013 p,c
OE427.		47 54	0.38	2	p,c
OE628	03 17 07	61 06	0.21	2	<b>p</b>
0E428	03 17 09	42 50	1.16	1	p,c,OA126,4C42.09,VRO42.03.04
0E429	03 17 26	44 47	0.30	1	p,c
OE429.		47 37	0.19	2	p,c
OE431 OE530	03 <b>17 53</b> 03 17 57	49 39 57 27	0.32 0.29	2 2	p
0.6530	03 17 37	31 21	0.29	2	P
0E430	03 18 15	43 42	1.17	1	p,c,OA128,VRO43.03.01
OE531 OE532	03 <b>18 26</b> 03 <b>18 57</b>	51 20 54 44	1.38 6.15	2 2	p,c,4C51.06,4C51.07 e
0E432	03 19 11	46 32	0.35	1	u,c
OE433	03 19 19	45 25	0.22	1	p
OE532.	2 03 19 20	51 58	0.37	2	(CE1 06(7.5)
0E532.	03 19 58	52 48	0.84	2	p,c,4C51.06(LS) p,c,n,4C52.08
0E435	03 20 45	46 05	0.33	1	u,c
0E437	03 21 40	47 55	0.20	2	p
OE436	03 21 41	46 34	0.31	1	p,c
OE537	03 22 48	57 22	0.71	2	p,c
OE438	03 23 17	44 14	0.27	1	p,c
OE439	03 23 20 03 23 40	41 42 53 33	1.58 0.32	1 2	p,c,4C41.08,NRA0134,LHE086,VRO41.03.03
OE538 OE539	03 23 40	55 09	14.67	2	p,c e,3C086,4C55.06,4CP55.06,NRAO135,CTA24,
					DA102, HB07, LHE087
05440	02 22 50	43 47	0.25	1	2 0 30087
OE440 OE440	03 23 58 .9 03 24 30	43 47 40 54	0.25 0.18	1 1	p,c,3C087 p,c
0E441	03 24 46	42 38	0.33	ī	u,c
0E541	03 24 48	53 18	0.43	2	p,c
0E542	03 24 57	50 57	0.19	2	p
OE442	03 25 21	45 50	0.44	1	p,c,4C46.08,NRAO136
0E543	03 26 07	53 20	2.47	2	p,c,4C53.06,DA104,LHE088
0E544	03 26 10	52 16 56 59	0.34 (1.9)	2 2	p,c m,e,4C56.07,4C57.07,4CP56.07,4CP57.07
OE544. OE443.		48 45	0.41	2	m,e,4636.07,4637.07,46F36.07,46F37.07 p,c
0E443	03 26 59	46 45 45 <b>3</b> 8	0.57	1	p,c u,c,4C45.05
OE444 OE445	03 27 02 03 27 07	45 38 40 46	1.27 1.66	1 1	p,c,4C40.11,DW0327+40,LHE089,VR040.03.02
0E445	03 27 57	48 18	0.26	2	p,c
0E547	03 28 10	51 14	0.60	2	p,4C51.08,4CP51.08
0E447	03 28 22	43 45	0.30	1	p
O1147	00 LU LL				F

Table III (continued)

			TABLE 1	II (continu	ed)
	Celestial co (1950	ordinates	C		
Source	α (1930	δ	$S_{1415} \  ext{(f.u.)}$	Part	Remarks
 OE448 OE451 OE552 OE452 OE453	03 <sup>h</sup> 28 <sup>m</sup> 56 <sup>s</sup> 03 30 51 03 31 19 03 31 29 03 32 00	+45°56' 43 24 54 38 44 26 45 46	0.75 0.50 (0.9) 0.38 0.37	1 1 2 1	u,c,NRA0138 p,c,4C43.10,LHE092,VR043.03.02 m,p u,AMWW11 p,n
OE554	03 32 26	52 18	0.47	2	p,c,4C52.09,4CP52.09
OE453.8	03 32 38	47 22	0.49	2	p,c
OE555	03 32 46	53 33	1.14	2	p,c,4C53.07,DA106
OE455.2	03 32 54	49 20	0.49	2	p,c
OE454.8	03 32 54	47 57	0.52	2	p,c
OE456 OE456.2 OE557	03 33 04 03 33 41 03 34 06	44 50 47 29 50 41	0.20 0.25 4.41	1 2 2	p p,c p,n,3C091,4C50.10,4CP50.10,NRAO142,BP014, DA109,LHE093
OE457 OE658	03 34 20 03 34 57	45 05 60 <b>1</b> 9	0.23 0.25	1 2	P P
OE558	03 35 05	58 09	0.22	2	p,c
OE459	03 35 09	41 12	0.37	1	p
OE460	03 35 54	46 38	0.20	1	p,c
OE461	03 36 21	47 18	0.40	2	p,n
OE462	03 37 38	49 13	0.18	2	p
OE563	03 37 46	55 32	0.30	2	p,n
OE463	03 37 55	40 47	0.29	1	p,c
OE463.9	03 38 28	42 25	0.19	1	p,n
OE564	03 38 31	56 29	0.30	2	p,c
OE464	03 39 04	46 28	0.51	1	u,n
OE464.3	03 39 10	49 40	0.35	2	p,4C49.10,BP015
OE465	03 39 13	41 52	0.36	1	p
OE566	03 39 27	57 08	0.37	2	p,c
OE565	03 39 28	54 11	0.20	2	p
OE467	03 40 23	43 47	0.28	1	p,c
OE568	03 40 40	51 00	(0.9)	2	m,p,n,4C51.10
OE467.9	03 40 48	44 25	0.19	1	p,c
OE468	03 41 24	47 21	0.37	2	p
OE469	03 41 32	43 55	0.45	1	p,c
OE469.3	03 41 38	48 57	0.18	2	p
OE471	03 42 37	41 49	0.29	1	p
OE571	03 42 53	57 55	0.39	2	p,c,n
OE570	03 42 53	53 51	0.52	2	p,n
OE471.4	03 42 53	47 34	0.65	2	p,4C47.10,4CP47.10,LHE095
OE673	03 43 45	60 29	0.25	2	u
OE574 OE573 OE475 OE575 OE476	03 44 08 03 44 13 03 44 48 03 45 16 03 45 41	50 01 55 44 40 37 55 57 45 48	0.33 0.76 1.13 0.84 0.50	2 2 1 2	p,n e p,c,OA134,4C40.12,VRO40.03.03 e,WKB041 p
0E576	03 45 41	56 49	0.49	2	e
0E476.6	03 45 58	42 05	1.07	1	u,c
0E477	03 46 03	40 52	0.19	1	p,c,OA134
0E580	03 47 53	57 52	1.00	2	p,4C57.08,4CP57.08,DW0348+57,LHE099
0E478	03 47 54	44 56	(0.5)	1	m,p,n,4C45.06
0E479	03 48 04	41 06	0.23	1	u,c
0E480	03 48 20	47 08	0.19	2	p,c
0E480.8	03 48 30	48 22	0.33	2	p,c
0E481.1	03 48 35	49 15	0.41	2	p,c,4C49.11,BP016
0E581	03 48 44	59 16	0.28	2	p
OE481.5 OE582 OE482 OE682	03 48 51 03 48 52 03 49 17 03 49 22 03 49 27	41 33 40 23 55 58 46 14 60 38	0.22 0.50 0.52 0.31 0.25	1 1 2 1 2	u,c p,c e p,c p,c
OE482.9	03 49 49	44 04	0.21	1	p,c
OE583	03 49 55	50 14	0.23	2	p
OE483	03 50 26	43 34	0.31	1	p,c

# OHIO SURVEY. V

Table III (continued)

	Celestial co (1950		$S_{1415}$		
Source	α	δ	(f.u.)	Part	Remarks
OE484	03 <sup>h</sup> 50 <sup>m</sup> 30 <sup>s</sup>	+46°27'	0.39	1	p,c
OE684	03 50 42	61 17	2.19	2	p,c,4C61.08,4CP61.08
0E585	03 51 39	54 56	0.44	2	p a definition of the contract
0 <b>E586</b> 0E488	03 51 51 03 52 51	5 <b>7</b> 16 47 47	0.49	2	e
02400	03 32 31	47 47	0.26	2	p,c
0E489	03 53 23	47 10	0.34	2	p,c,4C47.11
OE589	03 53 24	5 <b>7 1</b> 8	0.65	2	e
0E590	03 53 51	5 <b>3 42</b>	0.25	2	c
0E490	03 54 09	44 30	0.21	1	p,c
OE490.8	03 54 28	43 55	0.42	1	u,c
OE491	03 54 34	41 45	0.93	1	u,c,OA140,4C41.10,VRO41.03.05
0 <b>E591</b>	03 54 34	54 19	0.25	2	C
OE591.3	03 54 42	59 47	0.59	2	p,c,4C59.03,4CP59.03
OE591.2	03 54 45	58 48	0.27	2	p,c
OE <b>591.</b> 5	03 54 55	57 54	0.37	2	e ,
OE492	03 55 03	41 01	0.28	1	p,c
OE491.8	03 55 07	47 51	0.69	2	p,4C47.12,4CP47.12
0E592	03 55 11	<b>57 1</b> 0	1.26	2	e,4C57.09,4CP57.09,DA113
OE593	03 55 48	50 49	7.61	2	p,c,4C50.11,4CP50.11,NRAO150,BP017,DA119, LHE100
0E493	03 55 56	49 45	0.40	2	<b>p</b>
0E594	03 56 28	53 28	0.27	2	p,n,4C53.09,4CP53.09
OE594.2	03 56 34	57 O3	0.25	2	e
0E495	03 56 45	46 16	0.47	1	p,c
OE695	03 56 48	61 42	0.25	2	p,4C61.09,4CP61.09
OE496	03 57 44	42 21	0.18	1	p,4C42.10
OE497	03 58 15	43 59	0.18	1	p,c
OE597 OE497.8	03 58 24 03 58 42	58 <b>3</b> 7 48 <b>5</b> 9	0.28 0.32	2 2	p,4CP58.09A
0E497.8	03 58 57	41 23	0.34	1	p,c p
OE498.5	03 59 05	48 00	0.38	2	p,c
0E699	03 59 24	60 53	0.24	2	P
0 <b>E499</b> 0 <b>E599</b>	03 59 25 03 59 40	43 47 51 10	0.20 30.97	1 2	p,c 0 ACD51 114 NDAO156 CTB12 DA122
0E399	04 00 18	47 54	0.19	2	e,4CP51.11A,NRAO156,CTB12,DA123
OF503	04 01 35	54 13	0.39	2	p,c,4C54.04
OF503.3	04 02 02	54 38	.0.22	2	p,c
OF504	04 02 03	5 <b>2 17</b>	(1.2)	2	m,e
OF507	04 04 17	58 37	0.18	2	p ·
OF408	04 04 37 04 05 08	42 53	(2.0)	1	m, 3C103, 4C42.11, CTA28, DA125, LHE106, VRO42.04.01
0F409	04 05 08	41 47	0.25	1	c s
OF410	04 06 00	41 08	0.32	1	u,c
OF411	04 06 39	41 48	0.42	1	u,c
OF511	04 06 53	53 49	0.24	2	p - 4051 12 40751 12 MPAG1(5 PPG18 PA127
OF512 OF612	04 07 06	50 54 60 29	27,96 .0,36	2 1	e,4C51.12,4CP51.12,NRAO165,BP018,DA127
<b></b>				-	
OF413	04 07 34	42 11	0.44	1	p,c
0F514	04 08 34	58 12	0.34	2	p,n,4C58.10,4CP58.10
OF615 OF415	04 09 01 04 09 02	60 09 40 43	0.20 0.20	1 1	p,c p,c
OF516	04 09 02	56 40	0.35	2	p,4C56.08
OF417	04 10 01	40 30	0.18	1	p,c
OF517	04 10 18	57 41	0.27	2	p
OF518	04 10 47	54 11	0.26	2	p,c
OF518.2	04 10 57	54 <b>5</b> 6	0.24	2	p,c
OF418	04 10 59	48 45	2.04	2	p,c
OF420	04 12 06	42 23	(0.3)	1	m,4C42.12
OF421	04 12 08	43 17	(0.5)	1	m o
OF <b>523</b> OF <b>42</b> 5	04 14 34 04 14 51	55 15 44 17	0.42 (0.5)	2 1	u,c m,c
OF524	04 15 04	54 29	0.37	2	p,c,4C54.05
OF525.4	04 15 12	50 46	0.73	. 2	e
	U9 1J 14	JU 40	0.73		<u>~</u>
OF525.4	04 15 14	57 16	0.71	2	p

Table III (continued)

		Celestial co (1950		$S_{1415}$		
Sour	rce	α	δ	(f.u.)	Part	Remarks
OF42	7.4	04 <sup>h</sup> 16 <sup>m</sup> 27 <sup>s</sup>	+48°11'	0.18	2	p
OF52		04 16 44	50 21	0.34	2	e
0F42		04 16 51	43 38	0.19	1	p,4C43.11,VRO43.04.001
OF52 OF52		04 17 04 04 17 21	52 52 56 21	10.76 0.31	2 2	e,DA134 p,c
OF53 OF63		04 18 14 04 18 49	58 22 60 50	0.18 (0.7)	2 1	р m,4C60.06,4CP60.06
OF53	2	04 19 24	59 14	0.21	2	p
OF53		04 19 44	54 <b>2</b> 9	0.19	2	u
OF43	3	04 19 58	40 37	(1.4)	1	m,c,OA149,3C117,4C40.13,NRAO175,VRO40.04.01
0F43		04 20 07	43 12	(1.0)	1	m,c,OA154,VRO43.04.01
0F53		04 21 54	59 52	0.38	2	p a second
0F53		04 22 00	53 37	0.39	2	u
OF63 OF53		04 22 09 04 22 46	61 09 57 44	0.31 0.73	1 2	u,n p,4C57.10,4CP57.10,LHE117
		• 11		0.26		
OF53 OF44		04 23 16 04 24 22	59 02 40 <b>2</b> 6	0.26	2 1	p,c p
OF54		04 24 22	55 10	2.32	2	p,c,4C55.08,4CP55.08,DA137,LHE119
OF 54		04 25 12	50 13	0.70	2	p,4C50.12,4CP50.12,BP020
OF54		04 25 56	51 08	0.24	2	p,LHE122
OF54	3	04 25 59	54 54	1.05	2.	p,c,4C54.06
0F <b>54</b>	3.3	04 26 02	55 28	0.19	2	c
OF54		04 26 03	53 09	0.23	2	p,c
OF54 OF54		04 26 13 04 27 09	54 05 5 <b>2 2</b> 8	0.25 (0.6)	2 2	p,c
						m,e
OF54 OF64		04 27 26 04 27 40	57 35 60 09	0.18 0.26	2 1	p n c
0F64		04 27 40	60 53	0.26	1	p,c p,c
0F54		04 28 24	56 19	0.39	2	p,c,4C56.09,4CP56.09
OF54		04 29 09	58 48	0.18	2	p
OF54	19	04 29 27	56 49	0.20	2	p,c,LHE124
OF45		04 30 27	49 02	0.30	2	p,c,4C48.11,BP021,BP022,LHE125
OF55		04 30 29	50 19	0.30	2	p,c
OF55 OF65		04 30 37 04 31 08	58 48 61 29	0.77 0.77	2 1	p,c,4C58.11,4CP58.11 u,4C61.10,4CP61.10
			48 59	0.81	2	p,c,4C48.12,4CP48.11,NRA0184
OF45 OF55		04 31 33 04 31 37	48 39 51 11	0.81	2	p,c,4046.12,40746.11,NRAO164 u,c,3C122,NRAO186
OF55		04 31 37	53 16	0.88	2	p,c,4C53.10,4CP53.10
OF55	54	04 32 17	52 21	0.36	2	p,c
OF55	54.7	04 32 48	59 <b>3</b> 8	0.27	2	p,c,4C59.04,4CP59.04
OF55		04 32 51	50 48	0.90	2	p,c,3C122
OF55		04 32 56 04 33 08	55 19 60 16	0.44 0.22	2 1	p,c p,c
	55.4	04 33 16	54 18	0.21	2	p,c
OF55		04 35 06	51 46	0.28	2	p,4C51.13,4CP51.13
0 <b>F5</b> 5	59	04 35 08	50 14	0.24	2	p,4C50.13
OF45		04 35 14	48 47	1.28	2	p,4C48.13,NRAO188,BP023
OF56	60	04 36 12	53 35	0.37	2	p
OF56	61 61.6	04 36 52 04 36 55	50 22 56 10	1.37 0.32	2 2	p,c,DW0436+50 p,4C56.10,4CP56.10
OF66		04 37 27 04 37 37	62 02 51 22	0.62 0.90	1 2	e,c,4C61.11 p,c,4C51.14
0F56		04 37 52	54 39	0.18	2	p
OF46		04 38 30	48 13	0.18	2	p s
OF6		04 38 48	61 14	0.89	1	p,c,4C61.12,4CP61.12
OF5	65	04 38 57	53 14	0.63	2	p,4C53.11,4CP53.11
OF4		04 39 19	43 48	0.60	1	p,c,n
OF5		04 39 57	57 06	0.35	2	p
OF5		04 40 14 04 40 59	55 22 54 13	0.34 0.28	2 2	p,4C55.09,4CP55.09 p
OF4		04 41 10 04 42 51	43 46 50 30	0.30 1.23	1 2	p p,3C128,4C50.14,4CP50.14,NRAO193,BP024,
OF5	<i>,</i> T	04 42 JI	20 30	1.43	-	LHE129
					2	

Table III (continued)

	Celestial co		$S_{1415}$	Sec. 1	
Source	α	δ	(f.u.)	Part	Remarks
OF672	04 <sup>n</sup> 43 <sup>m</sup> 01 <sup>s</sup>	+62°091	0.18	1	p
OF473	04 44 31	49 21	0.61	2	p,c
OF474	04 44 55	48 35	0.51	2	p,c,n,WKB046
0F475	04 45 10	47 50	0.50	2	p,c
0 <b>F675</b>	04 45 14	60 54	0.39	1	u,c
OF676	04 45 25	62 21	0.28	1	p
OF576	04 46 40	55 08	0.26	2	p,n
OF578	04 46 53	53 20	0.24	2	p,c
OF577	04 46 53	54 00	0.27	2	p,c
OF579	04 47 21	59 <b>15</b>	0.20	2	p
OF579.1		57 <b>39</b>	0.27	2	p,4CP57.10A
0F480	04 48 12	48 14	0.28	2	p,c
of580.6		54 42	0.31	2	p,c
0F582	04 48 53	51 55	3.46	2	p,3C130,4C52.10,4CP52.10,NRAO196,DA152
OF482	04 48 55	43 34	0.72	1	u
07500	0/ /0 53	55 27	0.60	•	1055 10 10D55 10
0F583	04 49 51	55 37	0.60	2	p,c,4C55.10,4CP55.10
OF583.4		57 53	1.54	2	p,4C57.11,4CP57.11,DW0450+57
OF584	04 51 03	51 51 49 42	0.18	2 2	p -
0F485 0F586	04 51 13 04 51 20	48 42 59 24	0.22 0.59	2	p p.c.4CP59.04B,DGVW019
0000	04 31 20	J9 24	0.39	2	p,c,40r39.04B,DGVW019
OF588	04 53 01	58 03	0.30	2	. n
0F489	04 53 04	49 32	0.18	2	p p,4C49.12,BPO26
OF589	04 53 16	50 51	0.18	2	+ • • • • • • • • • • • • • • • • • • •
0F491	04 54 31	40 28	(0.5)	1	p m,u,OA174,VRO40.04.03
0F591	04 54 50	54 57	0.27	2	p
01371	04 54 50	54 51	0.27	-	P
0F592	04 55 14	52 50	0.46	2	p,n,4C53.12
0F593	04 56 11	50 13	0.22	2	p,c,4C50.18,BP028
OF594	04 56 12	51 08	0.79	2	p,c,n,4C51.15,BP027
0F496	04 57 22	49 40	0.37	2	p,n
OF596	04 57 48	54 56	0.18	2	P
OF698	04 58 45	60 22	0.18	1	p,c
o <b>F699</b>	04 59 11	61 44	0.18	1	u,c
OF599	04 59 19	56 24	0.27	2	p,n,4C56.11
0F499	04 59 <b>59</b>	48 27	(0.8)	2	m,p,c,4C48.14,LHE136
oG500	05 00 12	59 46	0.23	2	p
00/01	05 00 10	// 02	0.04	•	
0G401	05 00 18	44 03	0.24	2	. <b>P</b>
0G601	05 00 25	60 39	0.34	1	p,c
0G503	05 01 40	54 03	0.19 0.18	2	<u>p</u> .
0G505	05 02 49	58 29 60 20		2 1	p -
0G605	05 03 17	00 20	0.53	1	p,c
0G606	0 <b>5</b> 03 40	60 55	0.42	1	p,c
0G506	05 04 11	55 28	0.28	2	p
0G507	05 04 17	56 41	0.31	2	
0G407	05 04 17	44 25	0.30	2	p p
0G407	05 04 24	40 57	0.21	1	p p
33,30				-	•
0G409	05 05 14	49 11	0.29	2	p.
0G410	05 06 18	49 59	0.20	2	
0G611	05 06 41	61 31	0.27	1	p
0G512	05 06 58	51 41	0.38	2	p ·
OG412	05 07 08	40 34	0.28	1	p,n
0G513	05 08 07	54 35	0.51	2	p,c
OG514	05 08 31	53 56	0.98	2	p,c,4C54.07,4CP54.07
OG415	05 09 23	40 35	(8.0)	1	m,p,c,OA181,DA163,VRO40.05.01
0G416	05 09 45	43 04	0.26	1	p,c
0G517	05 10 14	55 59	0.29	2	p .
	05 40 07	10.11	(0.7)	,	WDO/O OF 011
0G417	05 10 27	40 14	(0.7)	1	m,p,c,VRO40.05.011
0G418	05 11 00	43 33	0.22	1	p,c
0G419	05 11 03	42 49 50 38	0.55	1	u,c,4C42.16
0G518	05 11 20 05 11 30	59 38 51 39	0.19 0.57	2 2	p p,c,4C51.16
0G519	05 11 30	JI J7	0.37	2	h3c3402T*T0
0G420	05 12 01	47 34	0.22	2	<b>p</b>
0G421	05 12 01	42 58	0.19	ī	p,c
0G521	05 12 34	51 10	0.66	2	u,c,3C136,4C51.17,4CP51.17,NRAO202

Table III (continued)

	Celestial co (195		S1415		
Source	α	δ	(f.u.)	Part	Remarks
OG621	05 <sup>h</sup> 12 <sup>m</sup> 36 <sup>s</sup>	+61°09'	0.21	1	u .
OG622	05 13 01	62 03	0.33	1	p,c
'0G522 '0G423	05 13 31 05 13 48	56 06	0.22 2.01	2 2	p p.c.4C45.08,LHE142
°0G424	05 14 28	45 33 47 29	0.95	2	p, e, 4043.00, LHE142
¹୨୯୫24	05 14 37	60 31	0.22	1	
96024 96425	05 15 01	49 42	0.60	2	p p,c,4C49.13
OG425.1	05 15 07	44 35	0.19	2	p
OG525	05 15 13	5 <b>6 4</b> 6	0.23	2 -	p.
0G626	05 15 28	62 16	0.48	1	u,c
OG526	05 15 36	50 49	2.12	2	p,c,3C137,4C50.16,4CP50.16,NRAO2O4,BPO29, LHE143
0G427	05 16 08	40 18 53 24	0.22	1 2	u
0G <b>527</b> 0G <b>42</b> 6	05 16 19 05 16 40	44 09	0.37 0.26	2	p p
0G528	05 16 45	54 24	0.24	2	p,c
0G428	05 17 06	45 27	1.15	2	p,4C45.09,LHE145
0G429	05 17 18	47 49	0.26	2	p
OG528.9	05 17 24	55 14	1.18	2	p,c,4C55.11
0G529	05 17 30	58 00	0.53	2	p
OG529.1	05 17 31	58 57	0.19	2	p
0G530	05 17 46	50 29	0.26	2	p,n
0 <b>G531</b>	05 18 30	59 51	0.25	2 <b>2</b>	p
0G <b>431</b> 0G <b>53</b> 2	05 18 44 05 19 32	48 00 52 50	0.25 0.42	2	p,c
0G532	05 20 05	57 25	0.23	2	p p,c
0G433	05 20 08	47 14	0.21	2	P
0G434	05 20 10	43 18	(0.2)	1	g,0A188,SNR
0G534	05 20 41	58 18	0.37	2	p,c
OG434.7	05 20 48	45 26	0.21	2	p,c
0 <b>G43</b> 5	05 21 03	43 59	(0.2)	1	g,0A188,VR043.05.01,SNR
OG535	05 21 44	55 56	0.32	2	p
0G436	05 21 45	42 58	(3.3)	1 2	g,OA188,VRO43.05.01,SNR
0G536 0G537	05 22 06 05 22 10	54 41 51 33	0.19 1.14	2	p,4C51.18,4CP51.18,LHE147
0G537.1	05 22 16	57 15	0.18	2	p
0G438	05 23 32	40 31	0.71	1	u,c,OA190,VRO40.05.02
0G439	05 23 33	42 54	(2.7)	1	g,OA188,DA174,VRO42.05.01,WKB051,SNR
0G540	05 23 57	57 00	0.21	2 2	p,c
0G441 0G641	05 <b>24 3</b> 6 05 <b>24 41</b>	46 16 60 02	0.19 0.24	1 1	P P
0G541	05 24 57	56 40	0.22	·2	p,c
0G541.9	05 25 07	52 55	0.19	2	p,c
0G542	05 25 09	51 54	0.68	2	p.c
0G442	05 25 13	41 38	(0.5) 0.22	1 2	m,p,c,4C41.14,VRO41.05.02
OG442.4	05 25 27	45 11			P
0G543	05 25 43	55 52	0.19	2	p
0G443	05 <b>2</b> 5 55 0 <b>5 25</b> 59	42 59 61 04	0.40 0.35	1 1	p,c p,c
0 <b>G643</b> 0G445	05 26 09	49 52	0.22	2	p
0G544	05 26 10	54 58	0.60	2	p
OG544.4	0 <b>5 26</b> 36	50 39	0.22	2	, <b>p</b> ×
OG444	0 <b>5 26 3</b> 9	41 34	0.25	1	p
OG545	05 27 06	53 55	0.23	2	p
0 <b>G447</b> 0 <b>G54</b> 7	05 28 03 05 28 28	41 30 59 32	0.19 0.26	1 2	p p
		56 37	0.25	2	p.
0G548 0 <b>G64</b> 9	05 29 01 05 29 09	62 11	0.62	1	e,c
OG448	05 29 26	48 17	0.42	2	p,c
0G449 0G650	05 29 32 05 30 01	42 <b>4</b> 0 60 <b>0</b> 0	0.18 (0.2)	1	p m,p,c
OG549	05 30 05 05 30 10	58 31 47 29	0.33 0.33	2 2	р р,с
0G450					

Table III (continued)

	Celestial co (1950		$S_{1415}$		
Source	α	δ	(f.u.)	Part	Remarks
0G551	05 <sup>h</sup> 30 <sup>m</sup> 23 <sup>s</sup>	+50°12'	0.24	2	p
.0G551.1	05 30 42	55 39	0.30	2	p,c
OG551.2	05 30 48	55 01	0.19	2	p,c
0G451 0G553	05 30 53 05 <b>32 29</b>	44 52 50 40	0.47 1.05	1 2	p,n p,4C51.19
00333	05 52 27	30 40	1.03	-	p,,1031.13
OG554	05 32 47	54 43	0.20	2	p
0G555	05 32 51	59 22	0.22	2	p,4CP58.11A
OG456 OG557	05 33 44 05 34 18	46 11 52 31	0.22 0.19	2 2	p,c
0G337 0G457	05 34 18	46 41	0.19	2	p,n p,c
OG459 OG459.4	05 35 07 05 35 39	42 19 47 37	0.26 0.18	1 2	p
0G459.4 0G660	05 36 06	60 11	0.18	1	p u,c
0G560	05 36 18	56 21	0.58	2	p,4C56.12,4CP56.12
OG461	05 36 22	48 59	0.20	2	p,c -
00562	05 27 11	52 11	0.02	2	- NPAQ217
0G562 0G462	05 37 11 05 37 28	53 11 49 02	0.92 1.18	2 2	p,NRAO217 p,c,NRAO218
0G463	05 38 05	47 26	2.47	2	u,4C47.16
oG563	05 38 16	57 53	0.24	2	p,n
0G664	05 38 25	60 02	0.40	1	p,c
00564	05 30 35	E7 10	0.20	2	
0G564 0G564.3	05 38 35 05 38 37	57 12 54 16	0.28 0.21	2 2	p p
0G465	05 38 45	49 54	20.53	2	p.c,3C147,4CP49.14,NRAO221,BP030,CTA39,
					DA186, HB10, LHE154
0G565	05 39 11	59 34	0.23	2	P
OG465.6	05 39 21	48 04	0.19	2	p
0 <b>G566</b>	05 40 03	53 00	0.42	2	p
0G466	05 40 05	43 48	0.27	1	p
oG567	05 40 20	51 46	0.37	2	p,4C51.20(LS)
0G467	05 40 21	45 35	0.44	1	p,n,OA193
0G468	05 40 43	40 52	0.31	1	p
oG568	05 40 44	54 59	0.34	2	<b>p</b>
oG669	05 41 32	61 19	0.31	1	p,c
0G569	05 41 58	58 22	0.33	2	p,n
0G570 0G471	05 42 13 05 42 18	52 47 47 <b>5</b> 8	0.23	2 2	р р, <b>4С47.17</b> ,4СР47.17
06471	05 42 18	47 30	0.72	4	p,4047.17,40;47.17
OG472	05 42 57	40 31	0.66	1	p, VRO40.05.03
0G471.8	05 43 05	46 20	0.21	2	p
0G672 0G673	0 <b>5</b> 43 45 05 43 54	60 59 60 04	0.61 0.22	1 1	u,c u,c
0G474	05 44 35	45 24	0.21	1	p,c
0G475	05 44 42	41 30	0.43	1	p,n,VR041.05.03
0G573 0G574	05 45 13 05 45 15	53 <b>23</b> 5 <b>7</b> 02	0.35	2 2	p p,4CP56.12A
0G574 0G575	05 45 17	55 33	0.24	2	p,c
0G576	05 45 24	56 11	0.27	2	p,c,4CP56.12A
00476	05 46 00	45.00	0.22	1	n a
OG476 OG576.7	05 46 00 05 46 00	45 09 51 24	0.23 0.21	1 2	p,c p
0G376.7 0G477	05 46 22	44 05	0.73	1	u,c
0G578	05 46 56	57 37	0.23	2	p,n
OG578.3	05 47 00	53 30	0.21	2	p
00400	05 47 00	40 11	0.20	2	7.0
0G480 0G481	05 47 02 0 <b>5 47 04</b>	49 11 49 59	(0.2)	2 2	p,c m,p
0G479	05 47 39	42 31	0.32	1	p,n
OG580	05 47 43	50 50	0.24	2	p,n
0G483	05 49 50	43 02	0.21	1	P
0G586	05 51 14	59 30	0.38	2	p,c
0G386 0G486	05 51 14	49 40	0.41	2	p,c p,n
OG487	05 52 37	46 06	0.26	2	p
0G588	05 52 48	58 59	0.28	2	p,c
0G488	05 53 21	41 40	0.22	1	p,c
OG589	05 53 21	51 17	0.21	2	p
	05 53 23	42 16	0.20	1	p,c
0G489 0G590	05 54 07	53 37	0.46	2	p,4C53.13

Table III (continued)

		oordinates	c		
Source	α (195	δ δ	S <sub>1415</sub> (f.u.)	Part	Remarks
0G491 0G592 0G492 0G593 0G694	05 <sup>h</sup> 54 <sup>m</sup> 25 <sup>s</sup> 05 54 55 05 55 24 05 55 46 05 56 08	+43°21' 56 47 47 55 52 27 62 17	0.38 0.50 0.29 0.30 0.21	1 2 2 2 2	p p,4C56.13,4CP56.13 p p,c p,c
©G594	05 56 15	50 56	0.22	2	p
©G494	05 56 23	44 02	0.19	1	p,n
OG594 . 3	05 56 35	54 46	0.40	2	p
OG595	05 56 41	52 27	0.79	2	p,c,4C52.11,4CP52.11
OG597	05 57 51	57 40	0.29	2	u
OG598	05 57 58	58 39	0.20	2	p,c
OG499	05 59 23	47 31	0.37	2	p,4C47.18
OG499.4	05 59 37	42 20	0.49	1	p,c,3C151,VRO42.05.02,WKB054
OH500	06 00 00	50 58	(0.2)	2	m,p
OH501	06 00 14	53 45	0.34	2	p
OH401 OH402 OH403 OH503 OH504	06 00 33 06 00 59 06 01 22 06 01 38 06 01 58	42 31 44 11 43 24 51 52 56 56	0.25 0.85 0.45 0.19 0.22	1 2 2 2 2 2	p,c p,c,NRA0225 p,c p,n,4CP52.12 p
OH404 OH404.1 OH404.5 OH404.8 OH405.1	06 02 07 06 02 18 06 02 36 06 02 49 06 02 58	41 34 40 34 47 47 45 07 43 29	0.60 1.10 0.20 0.20 0.24	1 1 2 2 2	p,c,LHE161,VR041.06.01 p,c p,4C47.19(LS) p,4C45.10(LS)
OH405.3 OH605 OH606 OH405.7 OH406	06 03 08 06 03 12 06 03 13 06 03 17 06 03 23	44 13 60 07 61 07 49 35 41 36	0.21 0.48 0.35 0.19 0.59	2 1 1 2 1	p,c p,4CP61.13A p p,c
OH407	06 03 28	46 07	0.33	2	p,4C45.11 p u p p,3C153,4C48.15,4CP48.15,NRAO228,BP031, LHE162
OH506	06 03 49	55 54	0.46	2	
OH507	06 03 58	54 25	0.69	2	
OH508	06 04 31	51 13	0.18	2	
OH409	06 05 46	48 03	4.01	2	
OH510 OH411 OH411.7 OH412 OH612	06 06 06 06 06 51 06 07 03 06 07 05 06 07 13	52 34 45 33 43 33 40 22 60 00	0.25 0.31 0.20 0.26 (0.4)	2 2 2 1 1	p p p,c,VRO40.06.01 m,p
OH412.3	06 07 19	49 20	0.23	2	p
OH413	06 07 41	41 20	0.29	1	p,c,VRO41.06.02
OH513	06 07 44	56 44	0.66	2	p,4C56.14,4CP56.14
OH414	06 07 47	48 13	0.28	2	p
OH615	06 08 50	61 56	0.24	1	p,c
OH515	06 08 52	53 56	0.29	2	p
OH516	06 09 19	52 54	0.97	2	p,c,4C52.13,4CP52.13
OH416	06 09 28	46 42	0.64	2	p,4C46.11
OH617	06 10 02	60 59	0.99	1	u
OH417	06 10 05	44 45	0.40	2	p
OH419	06 11 25	42 53	0.60	1	p,4C42.17,VRO42.06.01
OH519	06 11 34	51 55	0.62	2	p,4C52.14(LS),4CP52.14
OH419.8	06 11 57	47 11	0.30	2	p,c
OH521	06 11 59	59 24	0.18	2	p
OH620	06 12 13	61 25	0.18	1	p,4C61.14
OH419.9	06 12 32	47 43	0.35	2	p,c
OH521.1	06 12 41	57 07	0.33	2	p
OH420	06 12 48	41 29	0.72	1	u,c,4C41.16,VR041.06.03
OH622	06 13 08	62 28	(0.4)	1	m,p,c,4C62.11
OH421	06 13 12	44 10	0.35	2	u
ОН522	06 13 17	50 31	0.28	2	p
ОН422	06 13 24	42 20	0.27	1	p,c
ОН522.4	06 13 28	54 02	0.97	2	p,c,3C155,4C54.09,4CP54.09,NRAO231,LHE164

Table III (continued)

		J.A	BLE III (CO)	iiinuea)	
S	Celestial co	.0)	S <sub>1415</sub>	Dort	Remarks
Source	α	δ	(f.u.)	Part	Kemarks
OH423 OH523 OH424	06 <sup>h</sup> 13 <sup>m</sup> 36 <sup>s</sup> 06 13 40 06 14 43	+40°32' 55 28 43 31	0.45 0.34 0.44	1 2 2	p,4C40.14,VRO40.06.02 p,c,4C55.12(LS),4CP55.12 p,4C43.13,VRO43.06.02
ОН <b>52</b> 5 ОН <b>525.</b> 1	06 15 03 06 15 05	59 31 52 50	0.33	2 2	p p,4C52.15,4CP52.15
он425 он526	06 15 10 06 15 42	45 01 57 52	0.50 0.81	2 2	p p,4C57.12,4CP57.12
OH527 OH427 OH426	06 15 44 06 16 00 06 16 10	51 05 46 02 42 29	0.24 0.21 0.19	2 2 1	p,4C51.21,4CP51.21,BP033
он420	06 18 54	58 50	0.27	2	p p
он531.8	06 19 04	52 52	0.27	2	p (05/, 10
OH532 OH433	06 19 14 06 19 44	54 39 46 05	0.68 0.33	2 2	p,4C54.10 u
он534	06 20 33	50 43	0.27	2	p
он435	06 21 06	42 39	0.19	1	p,n
он436 он437	06 21 55 06 22 01	49 46 47 46	0.48 1.04	2 2	p p,4C47.20,4CP47.20,BP035
он <b>637</b> он <b>43</b> 8	06 22 20 06 22 37	60 54 44 09	0.39 0.26	1 2	u,c,4c61.15,4CP61.15
он538	06 23 06	57 47	0.27	2	P
он4 39	06 23 37	47 56	0.51	2	p ·
OH540	06 24 30	59 16 60 38	0.22	2	p 4660 08
OH641 OH441	06 24 34 06 24 37	43 19	0.31 0.19	1 2	p,c,4C60.08 p
он541	06 24 45	54 30	0.25	2	p
OH542	06 25 49	50 31	1.20	2	p,4C50.17,4CP50.17,BP036
OH543 OH444	06 26 00 06 26 12	56 10 47 10	0.24 0.38	2 2	p
он544	06 26 25	51 49	0.21	2 2	p,4C52.16(LS),LHE173
он645	06 27 19	60 23	0.24	1	p,c
он <b>5</b> 45 он446	06 27 21 06 27 22	55 20 42 37	0.27 0.35	2 1	p,4C55.13 p,4C42.18,VRO42.06.02
он546	06-27-30	53 16	0.42	2	u
он446.2	06 27 44	46 04	0.18	2	P .
он646	06 27 57	62 20	(0.5)	1	m,p,c
OH546.8 OH548	06 28 07 06 28 31	57 16 59 42	0.27 0.51	2 2	p p.c.4C59.06
OH547	06 28 33	58 43	0.68	2	p,c,4C58.12,4CP58.12
0Н448	06 28 41	42 06	0.77	- 1	p,4C42.19,LHE174,VRO42.06.03
OH548.1	06 28 44	53 53	0.25	2	p p,4C50.18,BPO38,BPO39
OH548.3 OH449	06 29 00 06 29 04	50 21 40 32	0.23 0.19	2 1	p,4030.10,82030,82039
он549	06 29 15	59 22	0.30	2	p,c,n
OH448.1	06 29 28	43 43	0.19	2	p
OH449.8	06 29 55	48 31	0.20	2	p,4C48.17,4CP48.17
он450	06 29 57	45 43	0.30	2	P .
OH550 OH450.2	06 30 02 06 30 09	57 57 46 54	0.31 0.48	2 2	p p,4C46.12,LHE175
он551	06 30 26	56 20	0.23	2	p
OH553	06 31 31	51 06 44 42	0.26 0.74	2 2	p n
OH453 OH453.2	06 31 35 06 31 59	44 42	0.74	2	p p,4C47.21,BPO40
OH454	06 32 05	43 30	0.37	2	p
OH554	06 32 24	50 11	0.46	2	p
он555 он556	06 32 49 06 33 33	55 00 52 20	1.48 0.19	2 2	p,4C55.14,4CP55.14,LHE176 P
OH356 OH456	06 33 42	42 39	0.24	1	p p
он557	06 33 59	59 13	0.29	2	p
он457	06 34 05	43 33	0.22	2	P
OH558	06 34 39	51 06 53 41	0.29 0.27	2 2	p,c p
ОН558.2 ОН458	06 34 59 06 35 14	43 42	0.27	2	p
OH559.3	06 35 36	51 13	0.38	2	p,c,4C51.22,4CP51.22,BP043
OH459.7	06 35 48	48 44	0.51	2	p,c

Table III (continued)

			IABLE	III (contin	weu)
Caurac	Celestial co (1950	0.0)	S <sub>1415</sub>	ъ.	
Source	α	δ	(f.u.)	Part	Remarks
он559	06 <sup>h</sup> 35 <sup>m</sup> 50s	+57°32'	0.28	2	p,c
0Н461	06 35 52	49 51	0.43	2	p,c,4C49.15,BP044
он459 он460	06 36 02 06 36 08	41 55 40 47	0.20	1	p Trade of of
OH462	06 36 16	47 30	0.49 0.65	1 2	p,n,VRO40.06.06 p,c,4C47.22
				-	pyoy, 1017, 122
OH662	06 37 12 06 37 34	61 02	0.40	1	p,4C60.09,4CP60.09
о <b>н562</b> о <b>н56</b> 3	06 37 52	57 <b>1</b> 8 5 <b>6 35</b>	0.51 0.27	2 2	p,c,4C57.13,4CP57.13
он463	06 38 01	41 58	0.28	1	p,c,n p,c
он564	06 38 23	5 <b>2 33</b>	0.27	2	p
он565	06 38 <b>5</b> 8	50 24	0.22	2	* *
он466	06 39 42	42 19	0.43	1	P P
он666	06 39 56	60 06	1.77	1	u,c,4C60.10
о <b>н46</b> 7 он <b>56</b> 7	06 40 20 06 40 21	45 02 55 10	0.19	2	P
011307	00 40 21	JJ 10	0.30	2	p
он569	06 41 28	56 <b>1</b> 6	0.54	2	p,4C56.15,4CP56.15
он469 он570	06 41 49 06 41 49	46 39	0.31	2	p
он470	06 42 48	59 53 40 44	1.03 0.64	2 1	p,c,4C59.07(LS) p,c,4C40.17,VRO40.06.08
ОН571	06 42 53	54 46	0.20	2	p
011/71	06 10 51	50			
OH471 OH472	06 42 54 06 43 19	44 52 46 07	2.09 0.26	2 2	P n n
OH473	06 44 06	47 48	0.19	2	p,n p
он573	06 44 08	57 52	0.20	2	p
ОН474	06 44 09	42 09	0.33	1	p,c,4C42.20,VRO42.06.031
0Н674	06 44 33	61 46	0.83	1	p,4C61.16,4CP61.16
он575	06 44 58	5 <b>9 3</b> 8	0.34	2	p,c
OH475	06 45 05	40 34	0.18	1	p
О <b>Н476</b> О <b>Н577</b>	06 45 23 06 45 53	41 <b>5</b> 0 54 40	0.38 1.03	1 2	u,c
011377	00 43 33	34 40	1.03	_	p
ОН577.		59 59	0.26	2	p,c,LHE181
OH478 OH578	06 47 19 06 47 24	41 42 57 24	0.26	1	p,4C41.17,LHE182,VRO41.06.031
OH580	06 47 24	50 20	0.23 0.20	2 2	P P
0 <b>н47</b> 9	06 47 39	45 13	1.06	2	p,3C169.1,4C45.12,NRAO245,LHE180
он680	06 48 21	60 44	0.83	1	
OH481	06 48 48	46 26	0.76	2	p,n u,4C46.13
ОН483	06 49 01	48 29	0.34	2	p,4C48.18,4CP48.18,BPO46
О <b>Н581</b> ОН582	06 49 05 06 49 11	53 08 56 24	0.18 0.33	2 2	p
011502	00 49 11	30 24	0.33	4	P
OH482	06 49 16	42 37	0.65	1	p,n,4C42.21,DA224,VRO42.06.04
OH583.1		54 <b>5</b> 5	0.72	2	p,c
OH584.2 OH484	2 06 50 30 06 50 49	50 25 45 23	0.37	2 2	p,4C50.19,4CP50.19,BP047
0Н585	06 51 12	54 11	3.63	2	p,c,3C171,4C54.11,4CP54.11,NRAO250,CTA44,
					DA225, LHE183
он485	06 51 14	42 46	0.31	1	u,c,LHE184,VRO42.06.05
он486	06 51 31	43 17	0.18	2	p
он587	06 51 56	55 48	0.21	2	p
OH487 OH488	06 <b>52 0</b> 6 06 <b>52 37</b>	41 08 42 40	0.40 0.98	1 1	p - /C/2 22 VPO/2 06 06
011400	00 32 37	42 40	0.90	1	p,c,4C42.22,VRO42.06.06
он489	06 52 56	43 50	0.28	2	p
OH589	06 53 16	5 <b>7 4</b> 7 5 <b>1 5</b> 4	0.44	2	p,c,4C58.13,4CP58.13
он <b>589.</b> 1 он <b>59</b> 0	06 <b>53 27</b> 06 <b>53 49</b>	58 <b>1</b> 6	0.56 0.49	2	p,4CP52.16A p,c,4C58.13,4CP58.13
он690	06 53 52	61 47	0.28	1	p
07/00	06 55 03	/0.00	0.06		
ОН492 ОН592	06 55 03 06 55 05	49 09 56 00	0.26 0.53	2 2	p p,4C55.15,4CP55.15
он493	06 55 34	40 23	0.36	1	p, VRO40.06.09
он594	06 56 41	58 45	0.22	2	P
о <b>н59</b> 5	06 56 49	5 <b>4 1</b> 7	0.92	2	p,c,4C54.12,4CP54.12,NRAO252,LHE186
о <b>н69</b> 5	06 57 03	60 54	0.23	1	p
он496	06 57 32	49 43	0.23	2	p,c
0н497	06 58 06	48 41	0.42	2	p,c

Table III (continued)

	Source	Celestial co (1950 α		$S_{1415} \ ({ m f.u.})$	Part	Remarks
- Anna Anna Anna Anna Anna Anna Anna Ann	OH596 OH597 OH498 OH598 OH498.2	06 <sup>h</sup> 58 <sup>m</sup> 06 <sup>s</sup> 06 58 17 06 58 46 06 58 52 06 58 57	+50°54' 54 43 42 41 55 24 43 27	0.63 0.28 0.26 0.21 0.26	2 2 1 2 2	p,BP049 p,c p,n p,c p,c
	OH498.5 OH499 OH599.8 OI501 OI401	06 59 05 06 59 15 06 59 52 07 00 28 07 00 30	49 54 44 37 51 33 50 37 47 06	0.18 2.24 0.24 0.46 0.83	2 2 2 2 2	p,c,LHE190 p,c,4C44.15,4CP44.15,DA228,LHE189 p,c p,c,4C50.20,4CP50.20,BP050 p
	01402 01404 01406 01604 01407	07 01 04 07 02 01 07 02 17 07 02 32 07 03 05	44 57 40 13 43 37 61 13 46 51	0.23 (0.3) 0.22 0.19 (1.1)	2 1 2 1 2	p m,p,LHE191 p p,c m,p
	01405 01505 01506 01408 01409	07 03 12 07 03 17 07 03 43 07 04 41 07 05 22	42 37 59 34 50 15 41 30 48 41	2.78 0.84 0.63 0.45 0.94	1 1 2 1 2	u,4C42.23,DA229,LHE193,VRO42.07.01 p,n,4C59.08,4CP59.08 p,4C50.21,4CP50.21,BP052,LHE194 p
	01509 01510 01409.9 01511 01410.6	07 05 59 07 06 09 07 06 10 07 06 18 07 06 21	57 31 59 32 48 01 51 18 46 01	0.37 0.38 0.18 0.24 0.35	1 1 2 2 2	p p,c p,c p
	01411 01412 01413 01513 01512	07 07 03 07 07 19 07 07 31 07 07 41 07 07 44	49 42 47 29 42 38 58 41 52 33	0.21 1.30 0.30 0.22 0.22	2 2 1 1 2	p u,c,4C47.23 u p p,n
	01414 01514 01513.9 01414.6 01514.8	07 08 24 07 08 41 07 08 43 07 08 46 07 08 52	47 27 50 39 54 27 48 14 56 42	0.24 0.18 0.53 0.22 0.31	2 2 2 2 2	p,c p p,c,4C48.19,BP053 p
	01415 01517 01515 01516 01416	07 09 11 07 09 14 07 09 18 07 09 22 07 09 43	40 33 51 51 57 27 58 00 49 02	0.33 0.46 0.29 0.27 0.46	1 2 1 1 2	p,4C40.18 p p,c p,c p,4C48.20,4CP48.20,BP054
	01417 01418.2 01519 01620 01420	07 10 02 07 10 58 07 11 06 07 12 02 07 12 15	43 56 45 44 55 44 60 31 49 03	1.90 1.88 0.21 0.20 0.21	2 2 2 1 2	p,VRO43.07.01 p,4C45.13,4CP45.13,DA232 p p,c
	01621 01421 01521 01522 01423	07 12 18 07 12 33 07 12 42 07 13 32 07 13 46	60 57 44 53 53 27 57 10 44 30	0.18 0.21 1.51 0.30 0.23	1 2 2 1 2	p,c p p,4C53.16,4CP53.16,LHE198 p,n p
	01422 01424 01425 01525 01627	07 13 47 07 14 12 07 14 45 07 15 29 07 16 03	43 39 45 50 41 51 55 27 61 57	0.21 0.31 0.29 0.25 0.41	2 2 1 2	p p p,c p
	01527 01427 01428 01429 01529	07 16 25 07 16 25 07 16 37 07 17 14 07 17 38	59 04 44 58 47 36 46 42 51 40	0.23 0.75 0.27 0.61 0.18	1 2 2 2 2 2	p,n p p,c p,c p,c
	01430 01632 01532	07 18 16 07 19 25 07 19 28	45 57 60 15 54 02	0.21 0.19 0.83	2 1 2	p p,4C54.13,4CP54.13

Table III (continued)

	Celestial co		a		* x
Source	$\alpha$ (195)	δ δ	$S_{1415}$ (f.u.)	Part	Remarks
01433	07h20m03s	+41°21'	0.23	1	
01534	07 20 39	50 25	0.25	2	P P
01535	07 20 44	56 57	0.23	2	p,c
01635	07 21 05	61 52	0.66	1	
01435	07 21 31	45 45	0.24	2	p,4C61.17,4CP61.17
01437	07 21 44	43 54	0.20	2	
01536	07 21 48	53 42	0.39 0.21	2 2	<b>p</b>
01438	07 22 29	40 35	0.18	1	p
01538	07 22 56	59 57	0.22	1	p 
01438.8	07 23 15	48 53	0.43	2	u P
01439	07 23 42	(0.01	0.00		•
01440	07 23 42	48 01 44 42	0.29 0.22	2 2	p,4C47.24,4CP47.24
01540.4	07 24 14	50 36	1.10	2	p / 050 00 / 0550 00
01541	07 24 45	57 25	0.25		p,4C50.22,4CP50.22,BP056
01442	07 24 56	46 51	0.23	1 2	p,c p,4C46.14
07//2	07.00				p,1010114
01443 01444	07 26 00 07 26 28	48 51 43 02	0.22	2	p
01445	07 27 17	46 03	0.18	1	p,4C43.14,VRO43.07.02
01446			0.18	2	P
01546	07 27 18 07 27 45	41 03 53 37	0.30 0.29	1 2	p,c
	,,	33 37	0.29	2	p
01646	07 28 15	60 45	(0,6)	1	m,p,c
01547	07 28 26	57 29	0.24	1	p,c
01546.9	07 28 35	51 24	0.49	2	p,4C51.23,4CP51.23,BP058
01448	07 28 45	45 <sub>18</sub>	0.33	2	p
01548	07 28 46	55 26	0.34	2	p,c
01449	07 28 56	43 54	0.30	2	- MD10000
01548.6	07 29 10	56 16	0.48	2	p,NRAO268
01549	07 29 25	57 44	0.24	1	p,c
01550	07 29 45	52 04	0.72	2	p,c
01450	07 29 50	42 36	0.32	1	p,4C52.17,4CP52.17 p,LHE202,VRO42.07.02
07/50 (	07 20 20				F,1
01450.6 01651	07 30 20 07 30 24	47 35 60 46	0.28	2	p,c,4C47.25
01451	07 30 24	44 00	0.25	1	u,c,LHE203
01551	07 30 40	50 14	0.24 0.32	2 2	p (050, 22 (7.5), (2750, 20, 7750, 2
01451.9	07 31 13	48 06	0.46	2	p,4C50.23(LS),4CP50.23,BP059 p,c
07/50	27 21 21				
01452	07 31 34	41 06	0.30	1	p,n
01453	07 31 52	43 45	0.49	2	p,4C43.15,4CP43.15,NRAO269
01553	07 32 03	52 31	0.26	2	p,c
0 <b>1555</b> 0 <b>1455</b>	07 <b>33 09</b> 07 <b>33 3</b> 0	59 50 41 43	0.81	1	p,n
~ 2 100	0, 33 30	41 43	0.23	1	p,c
01456	07 33 38	40 51	0.46	1	p., c
01457	07 33 54	49 13	0.61	2	p,4C49.16,4CP49.16,BP060
01458	07 34 41	45 57	0.39	2	p,4C46.15
01560	07 35 55	58 36	0.27	1	p,c
01461	07 35 56	49 32	0.19	2	p,BP062
01460	07 36 13	41 25	0.20	1	p,VRO41.07.01
01560.9	07 36 32	51 32	0.99	2	p,c,n,4C51.24,4CP51.24,BP063
01561.6	07 36 39	52 55	0.67	2	p,c,4C53.17,4CP53.17
01661	07 36 42	60 17	0.23	1	p
01563.5	07 38 06	52 58	0.46	2	p,c
01463	07 38 16	44 08	0.30	2	p,c
01464	07 38 28	42 11	0.23	1	p
01464.3	07 38 35	49 16	0.35	2	P
01564	07 38 43	54 54	0.21	2	p
01465	07 39 20	42 58	0.20	1	p
01566	07 39 29	51 55	0.20	2	p
01466	07 39 42	40 56	0.23	1	p p
01668	07 40 34	62 26	0.26	1	p p
01467	07 40 41	47 24	0.78	2	p,n,4C47.26
01468	07 40 54	43 03	0.36	1	u
01568	07 40 59	58 02	0.37	1	** * * *
	07 40 39	45 29	0.34	1	p
01470 01469	0/ 41 13	45 29	0.34	2	p ·

Table III (continued)

	Celestial c	oordinates 0.0)	$S_{1415}$		
Source	α (193	δ	(f.u.)	Part	Remarks
01571.1	07 <sup>h</sup> 42 <sup>m</sup> 28 <sup>s</sup>	+51°10'	0.18	2	p,n
01571	07 42 32	57 33	0.20	1	p,4C57.14
01471	07 42 45	42 54	0.64	1	p,4C42.24(LS)
01572	07 43 00	52 <b>5</b> 4	0.21	2	p,n
01573	07 43 40	55 45	(1.2)	2	m,p,c
01474	07 44 18	46 18	0.34	2	p,c,4C46.16
01475	07 44 48	40 44	0.20	1	p,c
0 <b>1574</b> 0 <b>1574.</b> 9	07 45 21 07 45 39	54 05 52 12	0.42 0.43	2 2	p,4C54.14,4CP54.14
01476	07 45 40	44 23	0.19	2	p,4CP52.17A p
01575	07 45 42	56 00	2.59	2	p,c,4C56.16,4CP56.16,DA240,LHE211
01676	07 45 49	60 21	0.80	1	u
01576	07 45 57	58 06	0.31	1	p,4C58.14(LS)
01478	07 46 44	48 25	0.78	2	p,n
01680	07 48 01	61 19	0.91	1	u .
01580	07 48 11	53 18	0.22	2	p,c
01581	07 48 46	59 40	0.22	1	p,c
01484	07 48 57	43 45	0.20	2	p,c
0 <b>1482</b> 0 <b>1582</b>	07 48 58 07 49 05	40 53 54 07	0.28 0.55	1 2	р р,с
01482.1	07 49 10	46 05	(0.6)	2	m,v,n
0 <b>1483</b> 0 <b>1583</b>	07 49 34 07 50 21	42 33 53 49	0.91	1	u,c
01584	07 50 21	59 52	1.36 0.52	2 1	p,c,4C54.15,4CP54.15,LHE212
01484.5	07 50 40	43 58	0.22	2	p,c,n p
01485	07 50 51	40 44	0.29	1	u
01586	07 51 29	55 05	0.43	2	- p
01688	07 52 51	60 .32	0.19	1	р
01588	07 52 54	50 25	0.28	2	P
01589	07 53 25	57 48	0.23	1	p,4CP59.14A,WKB069
01590	07 54 05	51 24	0.46	2	p,n
01491	07 54 40	44 15	0.19	2	p
0 <b>1691</b> 0 <b>1492</b>	07 54 49 07 55 13	61 38 47 57	0.56 0.41	1 2	u,c,WKB070
01592	07 55 16	53 24	0.41	2	р р,с
01593	07 55 58	53 48	0.36	2	p,c
01494	07 56 16	44 50	0.24	2	p p
01594	07 56 41	50 26	0.26	2	p,c,BP068,LHE214
01495	07 57 36	44 04	0.27	2	
01496	07 57 36	46 02	0.38	2	p
01595	07 57 48	50 23	1.51	2	p,c,WKB073
01697	07 58 10	60 19	0.31	1	p ·
01598	07 58 37	59 <b>21</b>	0.23	1 2	* P
0 <b>1499</b> 0 <b>J40</b> 0	07 59 47 08 00 06	48 56 45 58	0.20 0.52	2	p,n p,c,4C45.14
					•
0J6 <b>01</b>	08 00 25 08 00 38	60 57 61 55	0.55 0.83	1	p,c
0J602 0J401	08 00 38	61 55 47 14	1.09	1 2	p,c p,c,4C47.27
03401	08 01 15	47 14	0.18	1	p,c,4047.27 p,c
0Ј403	08 01 34	43 49	0.22	2	p
оЈ503	08 01 42	56 00	0.18	2	p
OJ603	08 02 02	60 28	0.25	1	p,c
0Ј404	08 02 18	40 45	0.52	1	u,c
OJ505	08 02 53	57 04	0.21	1	p,n
ој404.5	08 03 07	48 53	0.81	2	p,4C48.21,4CP48.21,BP070
0.1405	08 03 12	44 56	0.23 0.23	2 1	p,c
о <b>J406</b> о <b>J506</b>	08 03 32 08 03 46	42 42 53 35	0.23	2	p, NRAO282 p
0J407	08 04 05	45 19	0.19	2	p,c
OJ507	08 04 16	58 51	0.29	1	p
0J <b>508</b>	08 04 42	50 03	0.53	2	p,c
ој408	08 04 55	43 03	0.18	l	p / (/ () 10 VPO/ () 08 01
о <b>ј409</b>	08 05 40	40 46	1.J6	1	u,4C40.19,VR040.08.01

Table III (continued)

	Celestial co		C		
Source	(1950 α	δ δ	$S_{1415} \ ({ m f.u.})$	Part	Remarks
0J509	08 <sup>h</sup> 05 <sup>m</sup> 57 <sup>s</sup>	+59°54'	0.24	1	p,c
OJ510	08 06 00	57 56	0.82	ī	p,4C57.15,4CP57.15
0Ј411	08 06 39	42 35	2.22	1	p,c,3C194,4C42.25,NRAO284,DA245,LHE215, VRO42.08.01
0 <b>J511</b> 0 <b>J41</b> 0	08 06 42 08 07 04	51 18 48 16	0.32 0.26	2 2	p,n p
0Ј412	08 07 25	49 58	0.34	2	p,n,4C49.17,BP072
0 <b>J41</b> 3	08 07 41	41 49	0.25	1	p,c
0 <b>J41</b> 4	08 08 10	43 32	0.19	2	p.
0 <b>J51</b> 4 0J615	08 08 14 08 09 07	57 15 61 35	0.19 0.18	1	p p
0Ј415	08 09 16	45 47	0.64	2	p,4C45.15,LHE219
О <b>J41</b> 6	08 09 28	40 30	0.57	1	p,4C40.20,VRO40.08.02
0J416.1	08 09 33	43 55	0.33	2	p
ОЈ <b>51</b> 6 ОЈ <b>416.</b> 6	08 09 33 08 09 56	50 <b>2</b> 2 47 09	0.43 0.21	2 2	p p,c
0Ј417	08 10 00	48 20	14.17	2	p,3C196,4C48.22,4CP48.22,NRAO285,BP073.
					CTA45,DA246,DGVW045,HB11,LHE220
ОЈ418 О <b>Ј42</b> 0	08 10 56 08 12 18	46 07 44 <b>4</b> 4	0.98 0.23	2 2	p,4C46.17 p,c,4C44.16
0 <b>J42</b> 1	08 12 20	43 55	0.46	2	p,c
OJ521	08 12 25	58 45	(1.1)	1	m,4C58.15,4C59.09
0J622	08 13 27	60 09	0.37	1	p
0 <b>J42</b> 3	08 13 32	41 55	0.19	1	p,c
0J623	08 13 59	61 16	0.28	1	p
О <b>Ј52</b> 3 О <b>Ј42</b> 4	08 14 01 08 14 20	55 59 43 56	0.20 0.25	2 2	p P
0Ј524	08 14 21	54 52	0.58	2	p,4C54.16,4CP54.16
OJ524.7	08 14 51	50 16	0.25	2	p,c
0Ј425	08 14 52	42 32	2.58	1	p,VRO42.08.02
о <b>J526</b> о <b>J52</b> 7	08 15 11 08 16 01	51 06 52 44	0.24 2.53	2 2	p,c u,c,4C52.18,4CP52.18
о <b>ј52</b> 8	08 16 25	56 31	(0.6)	2	m,p,n
0 <b>J42</b> 8	08 16 57	47 58	0.29	2	p,c
0Ј429	08 17 30	42 41	0.29	1	p,c,VR042.08.03
о <b>ј429.</b> 9	08 18 05	47 08	2.12	2	p,c,3C197.1,4C47.28,4CP47.28,NRAO289, LHE222
0Ј430	08 18 24	46 17	0.23	2	p,c,3C197.1,NRAO290,LHE222
0Ј531	08 18 52	51 21	1.28	2	u,c,4CP51.24B,BP075,LHE223
0Ј431	08 18 53	44 13	0.30	2	p
0 <b>J532</b> 0 <b>J43</b> 3	08 19 06 08 19 36	59 <b>5</b> 5 40 <b>3</b> 4	0.21 0.23	1 1	p,n n
0Ј432	08 19 48	46 46	0.19	2	p p
0Ј434	08 20 00	45 24	0.26	2	. p
0Ј634	08 20 13	61 03	0.23	1	u a
0J <b>53</b> 3	08 20 29	54 21 56 03	0.28	2	p p,4CP56.16A
0 <b>J53</b> 5 0J537	08 20 50 08 21 06	56 03 51 24	1.32 0.19	2	p,46236.16A p
0 <b>J63</b> 6	08 21 30	62 10	0.47	1	p,4CP62.12B
о <b>Ј536</b>	08 21 43	59 10	0.18	1	p,c
0 <b>J43</b> 6	08 21 43	44 57	0.63	2	p,4C44.17,4CP44.17
0 <b>J54</b> 0 0J541	08 24 14 08 24 23	55 09 52 24	0.19 0.32	2 2	p p,n
0J441	08 24 25	47 36	0.26	2	
0 <b>J</b> 441	08 24 25	51 00	0.38	2	p p
о <b>J443</b>	08 26 03	40 43	0.25	1	p
0 <b>J44</b> 5 0 <b>J444</b>	08 26 48 08 27 14	42 05 45 54	0.22 0.41	1 2	u,c p,4C45.16
0Ј547	08 27 30	52 44	0.29	2	p,n
0 <b>J446</b>	08 27 42	41 33	0.40	1	u,c
о <b>J44</b> 7	<b>08 28</b> 05	43 50	0.29	2	p
0 <b>J548</b> 0 <b>J448</b>	98 28 43 08 28 44	59 41 49 25	0.28 1.72	1 2	p,c u,BP077
			0.43		

Table III (continued)

	Celestial co (1950		$S_{1415}$		
 Source	α	δ	(f.u.)	Part	Remarks
о <b>ј550</b>	08h29m35s	+55°37'	0.19	2	p,c
OJ549	08 29 35	51 14	1.18	2	p,n,4C51.25,4CP51.25,BP078
0J452 0J451	08 30 28 08 30 38	45 30 42 31	0.25 0.35	2	p
0J <b>552</b>	08 31 04	55 44	9.41	1 2	p,c p,c,4C55.16,4CP55.16,DA251
0Ј <b>453</b>	08 31 35	41 45	0.20	1	p
OJ553	08 32 14	59 49	0.30	î	p
OJ554	08 32 34	55 <b>3</b> 5	0.21	2	p,c
0J455 0J456	08 33 12 08 33 19	43 57 41 36	0.27 0.46	, 2 1	<b>p</b>
					p
0J456.8 0J457	08 34 06 08 34 27	48 16 44 58	0.25 1.59	2	p p,4C45.17,4CP45.17,LHE231
0J <b>556</b>	08 34 32	55 17	0.26	2	p 1
0J558 0J557	08 35 07 08 35 12	58 06 56 20	2.12 0.28	1 2	p,3C2O5,4C58.16,4CP58.16,NRAO298,DA254
					P
0J559.8 0J461	08 35 53 08 36 31	50 52 42 41	0.84 0.35	2	u,4C50.27,4CP50.27,BP079
0 <b>J462</b>	08 37 01	40 14	(0.3)	1	p,4C42.26 m,4C40.21,VRO40.08.03
0 <b>J461.</b> 9	08 37 07	46 58	0.49	2	p
0J6 <b>62</b>	08 37 23	61 19	0.55	1	p,c,4C61.18
0J463	08 37 27	44 48	0.21	2	p
0J566 0 <b>J56</b> 5	08 38 48 08 38 55	54 18 57 02	0.22 0.34	2	p
0J665	08 39 12	61 52	0.62	1	p,c,4C61.19,4CP61.19
0Ј466	08 39 34	45 57	0.22	2	p
0J566.1	08 39 42	50 58	0.67	2	p,c,4C51.26,4CP51.26,BP080
0 <b>J567</b>	08 39 55	58 <b>3</b> 2	0.33	1	p
0J467	08 40 11	42 27	1.1	2	p,VRO42.08.04
0J567.8 0J567.9	08 40 59 08 40 59	51 52 50 36	0.22 0.24	2 2	p,c p,c
OJ568	08 41 04	57 53	0.19	1	
OJ569	08 41 20	52 27	0.37	2	р р,с
OJ569.3	08 41 36	51 09	0.44	2	p,c
0 <b>J469</b> 0 <b>J47</b> 0	08 41 41 08 41 52	40 19 43 07	(0.3) 0.46	1 2	m.
					p
0J570	08 42 48	55 16	0.19	2	p,c
0J571 0J672	08 42 48 08 43 11	55 57 60 02	0.34 0.31	2 1	p,c,4CP56.16B
OJ572	08 43 51	57 45	0.43	1	p,c p,c
0Ј473	08 44 00	46 12	0.67	2	p,c
0Ј573	08 44 13	53 58	2.25	2	p,n,4C54.17,4CP54.17,LHE233
OJ574	08 44 30	57 07	0.32	1	p,c
0J476	08 45 22	41 04	0.26	1	u .
О <b>Ј576</b> ОЈ <b>47</b> 5	08 45 30 08 45 41	56 <b>2</b> 4 45 00	0.32 0.22	2 2	p,c P
0Ј477	08 46 22	43 19	0.19	2	p,VR042.08.041,VR043.08.011
OJ477	08 46 32	41 38	0.19	1	p, vk042.00.041, vk043.00.011
OJ578	08 46 35	51 09	0.36	2	p,n
OJ579	08 47 41	54 44	0.22	2	p
0 <b>J480</b>	08 47 46	49 09	1.33	2	u,4C49.18,4CP49.18,BP084
0J580	08 48 08 08 48 24	50 22	0.37	2	p,c
0 <b>J581</b> 0 <b>J581.</b> 2	08 48 24 08 48 38	59 22 52 49	0.25 0.32	1 2	p p,n
0J583	08 49 04	50 24	0.29	2	p,c
0Ј482	08 49 11	42 23	(0.3)	1	m,p,4C42.27,VRO42.08.05
0Ј582	08 49 19	54 43	0.52	2	<b>p</b>
0Ј682	08 49 27	61 36	0.20	1	p,c
0J483	08 49 43	46 57 62 00	0,28	2	p,4C46.18
0 <b>J683</b> 0 <b>J585</b>	08 49 59 08 51 06	62 00 58 07	0.25 1.23	1	p,c u,c,4C58.17,4CP58.17
O <b>J586</b>	08 51 27	52 58	0.90	2	p,n,4C52.19,4CP52.19
					F,,
0Ј487	08 52 27	48 58	0.32	2	p,c

Table III (continued)

	Celestial c		$S_{1415}$		
Source	α (193	δ	(f.u.)	Part	Remarks
0J688	08 <sup>h</sup> 52 <sup>m</sup> 54 <sup>s</sup>	+60°31'	0.44	1	u ·
OJ588	08 53 00	54 26	0.27	2	p,c
0J489 0J590	08 53 36 08 53 49	46 55 59 <b>1</b> 9	0.54 0.28	2 1	p,4C46.19
03589	08 54 01	54 05	0.45	2	p p,c,n
0J591.2	08 54 52 08 55 38	55 54 41 55	0.18	2	p vPO41 09 003
ОЈ493 ОЈ495	08 57 00	40 41	0.24	1	p, VRO41.08.002 p, 4C40.22, VRO40.08.05
0Ј496	08 57 08	44 24	0.25	2	p,LHE237
OJ597	08 58 07	56 00	0.46	2	p,4C56.17,4CP56.17
ој598.2	08 58 55	53 57	0.37	2	p
OJ497	08 58 58	45 14	0.65	2	p,4C45.18,4CP45.18
0J598.4	08 59 01	50 05	0.19	2	p,c
OJ498	08 59 17	43 27	0.35	2	p
0J5 <b>9</b> 9	08 59 34	52 37	0.67	2	p
0Ј499	08 59 41	47 03	1.98	2	p,4C47.29,LHE239
OK500	09 00 15	50 18	0.87	2	p,c,4C50.28,4CP50.28,BP091,BP092
0K501	09 00 25	56 55	0.32	1	p
OK401 OK401.7	09 00 25 09 01 02	46 01 42 47	0.35	2 2	p p,c,4C42.28,LHE241,VRO42.09.01
01401.7		<b></b>	1.27	, -	P, C, 1072, 20, MINETE, 11072, 07, 01
0K402	09 01 09	47 38	0.53	2	p,c
0K <b>603</b>	09 01 55	60 28 54 16	0.31	1 2	p,c,4C60.13
0K <b>503</b> 0K <b>403</b>	09 01 57 09 02 25	54 16 49 08	0.23 0.71	2 2	p u
OK404.1	09 02 27	47 05	0.46	2	p,c
271.01	00 00 05	/1 05	0.05		/a/1 10 Who/1 00 00
0K404 0K405	09 02 35 09 02 54	41 35 46 15	0.95 0.36	1 2	u,c,4C41.18,VRO41.09.02
OK405.1	09 03 04	42 56	0.30	2	p,c p
OK506	09 03 31	50 07	0.34	2	p
0 <b>K406</b>	09 03 33	45 10	0.24	2	p a
OK407.1	09 03 56	48 : 39	0.24	2	p,c,4CP48.23A,BP093
0K507	09 04 00	51 33	0.55	2	p
OK407	09 04 22	41 46	1.59	1	u,c,4C41.19,DA260,VRO41.09.03
0 <b>K408</b>	09 04 31	43 50	0.21	2 2	p
0K4 <b>09</b>	09 05 26	45 50	0.20	100	P
OK410	09 06 18	43 06	3.62	2	p,3C216,4C43.17,NRAO317,DA262,LHE244,
OV/.11	09 06 25	48 00	0.62	2	VRO43.09.01 p,4CP47.29A
OK411 OK511	09 06 45	54 42	0.49	2	p,4C54.18,4CP54.18
0K513	09 08 18	57 24	0.27	1	p,n,4C57.16
OK414	09 08 18	44 35	0.34	2	p
OK514	09 08 32	52 57	0.57	2	p,n,4C52.20,4CP52.20
OK415	09 09 04	41 56	0.37	1	p
OK515.5	09 09 19	55 22	0.19	1	p
OK418	09 10 37 09 11 38	42 14 41 35	(0.2) 0.40	1	m,p,c
OK419	03 II 30	41 22	0.40	1	p,c
OK420	09 12 01	49 00	0.99	2	p,c,4C48.24,4CP48.24,BP096
0K421	09 12 53	45 54	0.31	2	p 6059 19 60559 19 THE266
0K520 0K422	09 12 57 09 13 15	58 53 47 03	1.61 0.51	1 2	u,4C58.18,4CP58.18,LHE246 p,c
0K422	09 13 13	51 23	0.19	2	p
0K523	09 13 49	55 35 4 <b>7 3</b> 7	0.22 0.35	1 2	p,c,n p,c,4C47.30
OK423 OK524	09 13 57 09 14 16	50 11	0.33	2	p,4C50.29,4CP50.29,BP097
0K424	09 14 25	43 06	0.20	2	p
OK525	09 14 58	53 10	0.34	2	<b>p</b>
OV/20	00 17 02	43 48	0.19	2	
0 <b>K428</b> 0 <b>K429</b>	09 17 02 09 17 44	43 48 44 41	0.19	2	р р,с
OK630	09 17 47	62 28	(1.1)	ī	m,p,c,4CP62.13A
OK430	09 17 51	45 52	8.95	2	p,c,3C219,4C45.19,4CP45.19,NRAO320,
OK 7.30 Y	09 18 15	47 16	0.40	2 -	DA266, LHE249
OK430.4	03 10 13	47 10	0.40	4	P
OK431	09 18 22	44 27	0.55	2	p,c,4C44.18
OK530.9	09 19 14	52 05	0.20	2	p,c

Table III (continued)

	Celestial co	oordinates 0.0)	$S_{1415}$			
 Source	α	δ	(f.u.)	Part	Remarks	
OK531	09 <sup>h</sup> 19 <sup>m</sup> 21 <sup>s</sup>	+53°10'	1.81	2	p,4C53.18,4CP53.18,LHE251	
0K435	09 21 00	40 36	0.23	1	p	
0K534 0K535	09 21 02 09 21 09	51 19 50 22	0.27 0.45	2 2	p	
OK434	09 21 28	45 31	0.57	2	p,c p	
0 <b>K436</b>	09 21 51	42 48	0.32	2	p,c,VR042.09.02	
0K430	09 22 14	50 04	0.23	2	p,c,vR042.09.02 p,c	
OK437.4	09 22 28	42 24	(0.4)	1	m,p,c,4C42.29,LHE252,VRO42.09	.03
OK537	09 22 30	58 51 40 39	0.33	1	u	
0K438	09 22 44	40 39	0.37	1	p	
OK437	09 22 54	45 49	0.21	2	p	
OK438.4 OK639	09 23 03 09 23 11	43 38 61 25	0.20 0.19	2 1	p n c (CB61 104	
0K538	09 23 15	55 15	0.19	1	p,c,4CP61.19A p,c	
OK439	09 23 15	47 31	0.18	2	p	
0K539	09 23 16	52 17	0.31	2	p,4C52.21,4CP52.21	
OK539.1	09 23 25	54 29	0.24	2	p,c,LHE254	
OK641	09 24 36	60 52	0.40	ī	p,c,4CP60.13A	
OK441	09 24 42	49 39	0.21	2	p	
0K540	09 24 45	57 57	0.19	1	p v	
0K542	09 25 08	53 23	0.42	2	p,c,4C53.19,4CP53.19	
OK442	09 25 14	45 00	0.19	2	p	
OK541	09 25 24	54 05	0.23	2	p,c	
OK543	09 26 04	50 18	0.18	2	p,c	
OK443	0 <b>9 26</b> 58	48 47	0.70	2	p,4C48.25,4CP48.25,BP099	
OK445	09 27 04	44 45	0.20	2	p	
OK545	09 27 11	59 05	1.74	1	u,4C59.10,4CP59.10,LHE255	
OK445.5	09 27 17	46 55	0.45	2	p,c	
OK547 OK447	09 28 01 09 28 14	51 14 48 00	0.24 0.50	2 2	p p,c,4C48.26,4CP48.26	
0K548	09 29 09	53 14 41 06	0.38 0.36	2 1	P -	
OK450 OK449	09 29 52 09 30 01	47 48	0.57	2	p p	
0K450.1	09 30 36	45 38	0.24	2	P P	
0K451	09 30 48	49 25	1.13	2	u,BP100,BP101	
0K552	09 30 55	57 28	0.27	1	р	
0K453	09 32 04	43 54	0.29	2	p	
OK654	09 32 09	61 33	0.20	1	P P	
0K554	09 32 46	51 08	0.26	2	p	
OK555	09 33 06	54 45	0.63	2	p,4C54.19,4CP54.19	
OK455	09 33 15	44 59	0.23	2	p -	
0K456	09 33 29	42 06	(0.4)	1	m,p	
OK458 OK459	09 35 09 09 35 24	42 50 42 <b>1</b> 5	0.51 (0.2)	2 1	p m n c	
0K460	09 36 08	40 41	0.68	ī	m,p,c u,4C40.23,VRO40.09.01	
0.4260 0	00 26 21	50 20	0.40		4C59 10 4CD59 10	
OK560.9 OK661	09 36 21 09 36 28	58 29 60 44	0.40 0.25	1 ,	p,c,4C58.19,4CP58.19 p,c	
0K560	09 36 43	51 03	0.21	2	p,4CP51.27A	
OK663	09 37 52	60 29	0.23	1	p,c,4C60.14,4CP60.14	
OK463	09 37 58	48 11	0.21	2	p,c	
0K464	09 38 20	48 46	0.35	2	p,c	
OK564	09 38 23	53 11	0.23	2	P	
OK565	09 39 36	55 41	0.25	1	<b>p</b>	
0K466	09 39 41	46 05 57 44	0.18	2	p D C	
OK567	09 40 08	57 44	0.36	1	p,c	
OK567.8	09 40 46	51 11	0.19	2	p ·	
OK567.9	09 40 56	53 48	0.21	2	p	
0K469	09 40 58 09 41 22	43 55 52 41	0.19 (0.4)	2 2	p m n c n	
0K569 0K568	09 41 22	52 41 52 05	0.75	2	m,p,c,n p,c	
0K570 0K471	09 42 15 09 42 30	58 33 46 57	0.33 0.36	1 2	p,c p	

Table III (continued)

	Celestial co		<b>C</b>		
Source	α (195)	δ	S <sub>1415</sub> (f.u.)	Part	Remarks
OK574.8	09 <sup>h</sup> 44 <sup>m</sup> 58 <sup>s</sup>	+53°34'	0.20	2	p
OK576	09 45 09	50 46	0.20	2	p
OK476	09 45 51	40 51	2.30	1	p,c,4C40.24,DA273,VRO40.09.02
OK479	09 47 17	40 39	0.19	1	p,c
o <b>K580</b>	09 48 03	56 34	0.24	1	p,c
O <b>K481</b>	09 48 560	49 58	0.24	2	p,n
0K482	09 49 17	44 11	0.20	2	p,"
OK582	09 49 28	53 48	0.23	. 2	p,4C53.20,4CP53.20
OK581	09 49 36	51 42	0.34	2	p
OK683	09 49 41	62 01	0.18	1	p
0K584	09 50 41	58 51	0.19	1	7
OK485	09 51 07	45 59	0.25	2	p p,c
OK585	09 51 12	55 36	0.35	1	p,n
OK585.6	09 51 20	53 17	0.38	2	p,n
O <b>K486</b>	09 51 29	41 04	0.35	1	p,n
				-	
0 <b>K586</b>	09 51 31	57 53	0.19	1	p,c,n
0K486.5	09 51 51 09 51 58	47 47 44 25	0.34 0.24	2	p
OK486.6 OK587	09 51 59	57 08	0.60	2 1	p D C
OK588	09 52 04	50 39	0.31	2	p,c p
01.500	0, 32 0.	30 37		_	* * * * * * * * * * * * * * * * * * *
OK488	09 52 22	45 38	0.29	2	p,c
oK590	09 53 53	5 <b>3 1</b> 0	0.29	2	p,c
OK591.1	09 53 53	51 49	0.34	2	p,c
0K591	09 54 19	55 32	3.53	1	u,4C55.17,4C5518,4CP55.17,4CP55.18,DA278,
OK490	09 54 38	43 40	0.35	2	LHE264 p,VRO43.09.02
0 <b>K592</b>	09 54 43	53 07	(0.7)	2	m,p
0K491	09 54 59	49 23	0.62	2	u .
OK492	09 55 16	47 40	0.82	2	p,c
OK492.9	09 55 54	46 30	0.18	2	p
OK493	09 56 07	47 34	0.36	2	p,c,4C47.31,4CP47.31,BP104
0K494	09 56 41	40 26	0.42	1	u
0К695	09 56 43	60 47	0.20	1	u
OK496	09 57 01	45 03	0.29	2	p
OK495	09 57 05	41 54	(0.2)	1,	m,p
o <b>K596</b>	09 57 41	58 17	0.35	1	p,4CP58.19A
0 <b>K597</b>	09 58 28	55 58	1.09	1	u,4C55.19,4CP55.19
0K598	09 58 56	50 28	(0.2)	2	m,p
OK499.4	09 59 41	43 48	0.19	2	p p
OK499	09 59 47	41 44	0.21	1	p .
OK599	09 59 50	51 52	0.37	2	p
0L501	10 00 45	51 31	0.21	1	D.C.
OL603	10 00 43	61 40	0.21	1	p,c p
OL502	10 01 49	54 36	0.30	ī	u,c
OL503	10 02 34	53 38	0.50	1	p,4C53.21,4CP53.21
OL504	10 02 40	55 27	0.31	1	p,c,4C55.20,4CP55.20
OL406	10 03 30	48 28	0.61	2	p.3C235,4C48.27,4CP48.27,NRAO345,BP106
0L406 0L405	10 03 30	49 45	0.46	2	p,BP105
0L403	10 04 08	44 45	1.40	2	u,4C44.19,4CP44.19,LHE268
OL505	10 04 14	58 19	0.33	1	p,c
OL506	10 04 20	50 32	0.26	1	p,c
OL507	10 04 21	57 48	0.40	1	p,c
OL507	10 04 21	59 19	1.49	1	u,c,4C59.11,4CP59.11,LHE269
OL409	10 05 50	46 30	0.27	2	p
OL410	10 05 59	44 28	0.22	2	p
OL511	10 06 29	59 48	0.18	1	p,c
OL411	10 06 55	45 27	0.21	2	p,c
OL512	10 00 33	50 13	0.18	ī	p,c
OL412	10 07 34	45 03	0.25	2	p,c,4C45.20
OL513	10 07 36	53 34	0.20	1	p
OL413	10 07 49	44 09	0.29	2	p,c
OL514	10 08 19	58 07	0.44	1	p
0L515	10 08 35	50 12	0.21	1	p,c,BP108
OL414	10 08 37	46 45	1.32	2	p,3C239,4C46.20,4CP46.20,NRAO349,LHE272
01414	10 00 37	43 59	0.25	2	p,3023,,1010,120,10110,10110

Table III (continued)

	Celestial co	ordinates		1	
_	(1950	0.0)	$S_{1415}$		
 Source	α	δ	(f.u.)	Part	Remarks
OL416	10h09m50s	+48°08'	0.46	2	p,4CP48.27A
OL517	10 09 56	51 16	0.22	1	p,n
OL417 OL418	10 10 31 10 11 03	49 40	0.32	2	p,c,BP109,BP110
OL418	10 11 03	46 14 54 14	0.36 0.46	2 1	p p,4C54.20,4CP54.20
				- 1	p, 1031.20, 10131.20
OL419	10 11 39	49 49	(0.5)	2	m,p,c,BP109,BP110
OL421.1 OL621	10 12 35 10 12 36	43 05 60 17	0.21 0.35	2 1	p,4C42.32
OL520	10 12 48	56 03	0.35	1	u,c u,c
OL422	10 12 49	48 52	0.54	2	p,4C48.28,4CP48.28,BP111
OL420	10 13 07	47 17	0.23	2	
OL521	10 13 17	55 01	0.27	1	р р,с
OL522	10 13 38	51 02	0.29	1	P
OL523	10 13 49	59 30	0.51	1	p,c,4C59.12
OL623	10 13 52	61 22	0.19	1	<b>p</b>
OL523.3	10 13 59	56 47	0.20	1	u,c
OL523.4	10 14 03	58 49	0.37	1	p,c,4C58.20,4CP58.20
OL424.1 OL524	10 14 24 10 14 35	43 56 53 09	0.34 0.27	2	p
OL425	10 14 58	49 06	0.42	1 2	u p,4C49.19,BP112
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
OL526	10 15 26	51 34	0.21	1	p,n
OL426 OL427	10 15 58 10 16 17	43 51 45 45	0.20 0.43	2 2	p
OL428	10 16 42	42 47	0.24	2	p p
OL528	10 16 46	57 24	0.91	1	p,4C57.17,4CP57.17
OL429	10 16 48	44 31	0.27	2	
OL429	10 10 48	48 48	1.88	2	p u,c,4C48.29,4CP48.29,BP113,BP114
OL431	10 18 48	45 00	0.39	2	u
OL432.3	10 19 23	46 06	0.26	2	p p
OL532	10 19 24	5 <b>7</b> 58	0.19	1	u
OL433.4	10 20 02	43 37	0.28	2	p
OL434	10 20 06	48 11	0.49	2	u,4CP48.29A,BP115
OL533 OL534	10 20 07	52 20 5 <b>9 2</b> 0	0.21	1	p,n
OL334 OL438	10 20 17 10 22 38	43 08	1.19 1.04	1 2	p,4C59.13,4CP59.13,LHE279 p,c,4C43.19,VRO43.10.01
					, , , , , , , , , , , , , , , , , , , ,
OL440	10 24 12	46 18	1.27	2	p,4C46.21,4CP46.21,LHE280
OL441	10 24 28	48 28	1.10	2	p,3C244,4C48.30,4CP48.30,NRAO356,BP116, LHE281
OL542	10 25 26	51 38	0.59	1	p,c
OL545	10 27 10	51 40	0.78	1	p,c
OL546	10 28 29	50 21	0.19	1	p
OL547	10 28 39	52 41	0.96	1	p,4C52.22,4CP52.22
OL548	10 29 09	54 16	0.34	1	p,n
OL549	10 29 13 10 29 13	51 39	0.25	1	p,c
OL449 OL450	10 29 13	46 18 49 34	0.19 0.41	2 2	p p,c
				-	F, -
OL550	10 29 52	56 58	0.40	1	p,HB13
OL551	10 30 20	58 30	3.21	1	p,c,3C244.1,4C58.21,4CP58.21,NRAO357,
OL651	10 30 43	61 15	0.57	1	DA287,LHE282 p,c
OL552	10 31 16	50 37	(1.8)	1	m,p,c,4C50.30,4CP50.30,BP117
OL652	10 31 16	62 11	0.24	1	p,c
OL553	10 31 55	56 45	1.86	1	n c
0L553	10 31 33	55 59	0.29	1	p,c p,c
OL455	10 33 46	48 59	0.22	2	p,4C48.31,4CP48.31,BP119,BP120
OL457	10 34 07	44 19	0.22	2	P (05/ 01 /075/ 01 xxxx005
OL557	10 34 08	54 33	0.52	1	p,n,4C54.21,4CP54.21,LHE285
OL558	10 35 35	53 42	0.41	1	, p = .
OL559	10 35 37	57 49	0.33	1	p,c
0L560	10 36 01	58 <b>2</b> 6	0.31	1	p,c
OL460	10 36 20 10 36 32	47 15 46 30	0.48	2 2	p,c,4C47.32 p,c
()L461					
0L461					
OL561 OL562	10 37 15 10 37 24	59 59 51 12	0.18 0.30	1	u P

Table III (continued)

	Celestial c (195		$S_{1415}$		
Source	α	δ	(f.u.)	Part	Remarks
OL564	10h38m36s	+52°47'	0.44	1	<b>p</b>
OL564.5	10 38 42	55 16	0.21	1	p
OL564.7	10 38 49	51 37	0.20	· 1	p,c
OL565	10 39 11	50 24	0.85	1	p,c,4C50.31,4CP50.31,BP122,LHE286
OL466	10 39 24	42 43	0.24	2	p,n
		:			
OL569	10 41 08	53 34	0.56	1	p
OL469	10 42 21	44 20	0.20	2	p,c
0L671	10 42 26	61 58	0.18	1	p
OL472	10 42 59	43 33	0.19	2	p,c
OL572	10 43 11	55 05	1.43	1	u,4C55.21,4CP55.21
OL474	10 44 32	47 38	0.64	2	u · ·
OL475	10 44 44	45 28	0.34	2	P
OL676	10 45 20	60 22	0.77	1	p,4C60.15,4CP60.15
OL477	10 46 12	46 36	0.19	2	p
OL577	10 46 21	52 59	0.22	1	p
					•
OL578	10 46 41	57 25	0.18	1	<b>p</b>
OL478	10 46 58	44 56	0.49	2	p,n
OL480	10 47 50	48 18	0.19	2	p,c
OL580	10 48 09	53 57	0.53	-1	p
OL481	10 48 19	47 14	0.74	2	p,c
07.704	10 /6 -:			_	
OL581	10 48 54	55 38	0.44	1	p ·
OL582	10 49 06	59 48	0.51	1	u,4C59.14,4CP59.14
0L682	10 49 27	61 45	0.85	1	p,4C61.21,4CP61.21
OL482.4	10 49 27	48 51	0.24	2	p,n,4C48.32,4CP48.32,BP125,BP126
OL583	10 49 41	50 57	0.20	1	p,n
07.50/				_	
OL584	10 50 58	54 33	0.64	1	u,c
OL585	10 51 06	55 26	0.32	1	p,c
OL587	10 51 55	53 16	0.31	1	p,c
0L486	10 52 02	46 59	0.25	2	p,c
OL487	10 52 32	46 33	0.28	2	p,c
OL488	10 52 49	45 41	0.23		_ m
0L488	10 52 49	53 50		2	- P
OL589	10 53 37	50 11	0.50 0.23	1	u,c
0L389	10 54 22				p _
0L490 0L492	10 54 22	48 51 49 56	0.18	2 2	p
01472	10.35, 24	49 30	(0.2)	2	m,p,c
OL491	10 55 12	43 14	0.81	2	p,c
OL592	10 55 15	58 56	0.33	ī	p
OL593	10 55 33	57 01	0.51	ī	p,c,HB14
0L494	10 56 07	43 20	2.57	2	p,c,3C247,4C43.20,NRAO360,DA294,
~=	20 20 0.	15 25		-	LHE288, VRO43.10.02
OL594	10 56 23	52 53	0.20	1	p,c
					- ·
OL594.1	10 56 23	57 36	0.44	1	p,c,4C57.18
OL596	10 57 25	52 58	0.51	1	p,c,4C52.23,4CP52.23
0L496	10 57 44	46 09	0.21	2	p
OL497	10 58 53	45 17	0.19	.2	p
OL498	10 59 03	48 10	0.27	2	p
OL597	10 59 22	58 08	0.30	1	p
OL598	10 59 25	56 02	1.17	1	u,4C56.18,4CP56.18,LHE289
OM600	11 00 10	60 02	0.35	1	p,c
OM501	11 00 26	5 <b>3</b> 15	0.23	1	p,c
OM502	11 01 02	53 43	0.32	1	p,c,4C53.22(LS),4CP53.22
ovice		10.10	(0.0)	•	
0M403	11 01 46	49 48	(0.3)	2	m,p,c
OM503	-11 01 47	59 47	0.67	1	p,c,4C59.15
OM503.4	11 02 02	58 57	0.29	1	p,c,LHE290
OM405.2	11-03 06	49 48	(0.2)	2	m,p,c
OM505	11 03 09	55 04	0.25	1	p,c,4C54.22,4CP54.22
01/05	11 02 15	44.40	0.30	2	
OM405	11 03 15	44 48	0.39	2	<b>p</b>
OM406	11 03 24	47 08	0.33	2	p,c
OM506	11 03 43	54 31	0.25	1	p,c
OM407	11 04 21	44 31	0.19	2	p
OM409	11 05 35	45 34	0.20	2	P
OM612	11 07 25	60 40	0.65	7	
OM613	11 07 35	60 48 53 42	0.65	1	p,c
OM512	11 07 38 11 07 44	53 42 48 32	0.20 0.64	1 2	p,c p,c,BP127
OM413					

Table III (continued)

	Celestial ce (195		$S_{1415}$		
 Source	α	δ	(f.u.)	Part	Remarks
OM413.4	11 <sup>h</sup> 08 <sup>m</sup> 02 <sup>s</sup>	+49°19'	0.23	2	u,c
OM414 OM416	11 08 05 11 08 06	46 08 44 15	0.21 0.27	2 2	P
OM513	11 08 21	59 42	0.22	1	p P
OM514	11 09 03	53 40	0.25	ī	p,c
OM515	11 09 05	56 05	0.24	1	p,c
OM417	11 09 53	43 44	1.46	2	p,4C43.21,4CP43.21,VRO43.11.01
OM516 OM517	11 10 26	53 55 50 00	0.66	1	p,c,4C53.23,4CP53.23
OM517.5	11 10 31 11 10 33	51 <b>45</b>	(0.4) 0.42	1 1	m,p,c p
OM518	11 10 55	56.04	0.22	,	
OM518.8	11 10 55 11 11 18	56 04 55 23	0.32 0.18	1 1	p,c p,c
OM519	11 11 25	50 57	0.24	1	p,c
OM520	11 12 24	50 14	0.69	1	p,c
OM421	11 12 32	43 33	0.24	2	<b>P</b>
OM521	11 12 39	54 56	0.64	1	p,c,4C54.23,4CP54.23
OM522 OM622	11 12 59	52 42	0.32	1	p
OM522 OM522.3	11 13 03 11 13 22	61 15 59 <b>3</b> 4	0.87 0.50	1 1	p,c,4C61.21,4CP61.21 p
OM424	11 14 16	47 09	0.32	2	P P
OM524	11 14 28	57 34	0.36	1	
OM525	11 14 28	53 38	1.04	1	P u
OM626	11 15 44	62 15	0.35	1	p,4C62.16,4CP62.16
OM627	11 16 15	60 30	0.20	1	p,n
OM527	11 16 31	52 17	0.24	1	p -
OM428	11 16 46	43 22	0.29	2	p,c
OM429	11 17 37	44 12	0.39	2	p,c
OM529 OM530	11 17 38 11 17 42	54 29 57 22	0.24 0.21	1	p n n
OM430	11 18 18	46 09	0.32	2	p,n p,c
OM531	11 18 39	51 43	0.24	1	_ * *
OM431	11 18 46	45 31	0.24	2	р р,с
OM531.9	11 19 34	50 38	0.19	ī	p,n
OM532	11 19 40	55 25	0.26	1	p
OM433	11 20 03	48 11	0.25	2	p ·
OM533	11 20 05	53 16	0.24	1	p,c
OM535	11 20 58	51 57	0.30	1	p,c
OM435 OM536	11 21 10 11 21 17	44 29 51 16	0.56 0.21	2 1	p,c p,c
OM436	11 21 33	43 33	0.55	2	p,c,LHE297,VRO43.11.02
OM539	11 23 39	59 40	0.18	1	p,c
OM439	11 24 07	48 46	0.28	2	p p
OM440	11 24 25	49 59	(0.7)	2	m,p
OM441 OM540	11 24 31 11 24 55	45 29 56 56	0.41 0.18	2 1	P
011340	11 24 33	30 30	0.10	T	p,c
OM541	11 24 56	57 58	0.54	1	p,c
OM542 OM543	11 25 22 11 25 36	59 30 58 <b>5</b> 0	0.36 0.75	1 1	p,c
OM544	11 25 36	56 43	0.73	1	p,c,DA302 p,c
OM544.1	11 26 17	51 17	0.20	ī	p,c
OM545	11 27 15	50 52	1.34	1	u,LHE299
OM444	11 28 00	44 08	0.72	2	p,c,VR043.11.03
OM446.8	11 28 03	43 29	0.74	2	p,c,VR043.11.03
OM648 OM448	11 28 47 11 28 53	61 47 45 32	1.22 1.92	1 2	p,c,4C61.22
Ori <b>440</b>	11 20 13	45 34	1.74	۷ .	p,c,LHE300
OM550	11 30 07	51 17	0.19	1	p,c
OM450.6	11 30 21	45 14 50 28	0.31	2	p,c
OM551 OM451.2	11 30 31 11 30 42	50 28 46 43	0.73 0.18	1 2	p,c p
OM452	11 31 18	45 27	0.32	2	p,c,4C45.21,DA303
OM452.3	11 31 20	40 21	1 14	2	*
OM452.3 OM453.1	11 31 30 11 31 58	49 21 43 43	1.16 1.41	2	u p,c,4C43.22,4CP43.22,DA <b>304,L</b> HE302.
011433.1					
OM455	11 33 14	43 16	1.02	2	VRO43.11.04 p,c,VRO43.11.05

Table III (continued)

			TABLE I	II (continu	ied)	
	Celestial co		a a			=
Source	$\alpha$ (1950)	δ δ	$S_{1415}$ (f.u.)	Part	Remarks	
 OM556 OM457 OM658	11 <sup>h</sup> 33 <sup>m</sup> 33 <sup>s</sup> 11 34 24 11 34 38	+57°05' 49 44 61 42	0.30 0.20 0.91	1 2 1	p,n,4C57.19,4CP57.19 p p,c,4C61.23,4CP61.23	
OM558 OM459	11 35 21 11 35 33	55 59 46 30	0.29 0.76	1 2	u,c u,4C46.22	
OM458 OM559 OM660 OM561 OM562	11 35 37 11 35 40 11 35 49 11 36 21 11 37 30	47 57 56 25 60 39 50 30 53 05	0.30 0.41 0.30 0.54 0.22	2 1 1 1 1	p,n u,c,4C56.19,4CP56.19 p p,c,4C50.32,4CP50.32,BP136 p,c	
OM563 OM464 OM463 OM564 OM565	11 37 40 11 37 45 11 37 58 11 38 06 11 39 06	54 02 47 08 44 58 59 33 57 40	0.34 0.36 0.22 2.04 0.21	1 2 2 1 1	p,c p,c p p,4C59.16,4CP59.16 p,c,LHE304	
OM466 OM567 OM467 OM668 OM468	11 39 28 11 40 00 11 40 23 11 40 48 11 40 57	49 59 58 24 49 10 61 36 46 39	(0.2) 0.68 1.42 0.37 1.00	2 1 2 1 2	m,p p,c,4C58.22,4CP58.22 p,c,4C49.21,4CP49.21,BP137 p,c u,4C46.23,4CP46.23,LHE3O5	
OM570 OM571 OM572	11 41 50 11 42 47 11 43 05	51 41 55 48 50 05	0.33 0.18 1.56	1 1 1	u,4CP51.27B p p,c,3C266,4C50.33,4CP50.33,NRAO386,BP138, LHE3O7	
OM472 OM473	11 43 12 11 43 36	44 39 45 31	0.22 0.55	2 2	p,c p,c,4C45.22,LHE308	
OM473.2 OM474 OM475 OM475.4 OM576	11 43 41 11 44 26 11 44 37 11 45 20 11 46 11	47 41 46 23 49 59 48 39 51 08	0.19 0.19 (0.4) 0.38 0.25	2 2 2 2 2 1	p p,4C46.24 m,p,c p,n,4C48.33,4CP48.33,BP139 p,3C268	
OM577 OM477 OM578 OM578.1 OM479	11 46 21 11 46 21 11 46 31 11 46 51 11 47 19	59 46 47 06 59 12 54 27 46 02	0.38 0.42 0.32 0.34 0.23	1 2 1 1 2	p,c p p,c p,4C54.24,4CP54.24 p	
OM579 OM680 OM481 OM482 OM483.5	11 47 30 11 48 15 11 48 28 11 49 00 11 50 07	58 16 61 10 47 39 43 54 43 51	0.45 0.21 0.64 0.18 0.21	1 1 2 2 2	p,c p,4C61.24 p,4C47.33,BP140 p,c p,c,VRO43.11.06	
OM484 OM585 OM485 OM686 OM687	11 50 49 11 51 06 11 51 08 11 51 28 11 51 29	49 52 51 21 47 42 60 16 62 22	2.22 0.72 0.41 0.23 0.53	2 1 2 1	p,c,4C49.22,4CP49.22,BP141,LHE310 p,c,4C51.28,4CP51.28,NRAO388 p,c,4C47.34 u p,4C62.17,4CP62.17	
OM486 OM587 OM488 OM588 OM589	11 51 48 11 51 53 11 52 28 11 52 52 11 53 27	45 38 56 44 46 13 55 12 59 02	0.98 0.25 0.70 2.48 1.47	2 1 2 1	p,c,4C45.23,LHE312 p,c p,c p,c,4C55.22,4CP55.22,DA314 p,4C59.17,4CP59.17,LHE314	
OM489 OM591 OM492 OM594 OM595	11 53 33 11 54 42 11 55 21 11 56 39 11 57 05	45 07 55 15 46 23 54 10 58 38	0.65 0.89 0.27 1.60 1.06	2 1 2 1	p,c,4C45.24 p,c p p,c,4C54.25,4CP54.25,LHE315 p	
OM494.2 OM495.2 OM496 OM498 OM497.1	11 57 14 11 57 46 11 58 00 11 58 18 11 58 25	49 25 43 39 46 07 49 36 42 59	0.43 0.25 1.34 0.24 0.19	2 2 2 2 2	p,c p p,4C46.25 p,c,4C49.23,4CP49.23,BP142 p	
OM598 OM699 OM599	11 58 44 11 59 06 11 59 23	57 38 60 32 58 19	0.21 0.21 0.73	1 1 1	p,c,LHE317 p,c p,c,4C58.23,4CP58.23	

Table III (continued)

Source		coordinates $\delta$ 0.0)	$S_{1415} \ ({ m f.u.})$	Part	Remarks
0M499 0N6 <b>0</b> 0	11 <sup>h</sup> 59 <sup>m</sup> 23 <sup>s</sup> 12 00 17	+44°54' 62 15	0.24	2	p
ON601			0.39	1	p,n
ON501	12 00 27 12 00 30	60 49	0.35	1	p,c
ON501.1	12 00 30	51 56 53 19	0.80	1	p,c
1.10010	12 00 31	33 19	0.22	1	p,c
0N401	12 01 00	46 08	0.29	1	n o
ON402	12 01 02	43 56	0.25	1	p,c
0 <b>N403</b>	12 01 11	46 45	0.33	î	p n c
ON502	12 01 29	55 50	0.44	î	p,c p,4C55.23,4CP55.23
ON503	12 01 36	52 11	0.80	î	p,c
ON504	12 02 10	52 41	0.66	1	p,c,4C52.25,4CP52.25
0N404	12 02 28	48 51	0.72	1	u,c,4CP48.33A
ON505	12 02 53	50 08	0.88	1	p,c
o <b>n506</b>	12 03 04	51 04	0.42	1	p,c
ON507	12 03 35	52 56	0.36	1	p,c
0 <b>N406</b>	12 03 45	42 46	0.22	,	
ON508	12 03 43	50 <b>2</b> 0	0.22	1 1	p
0N607	12 04 13	60 06	0.21	1	p,c
ON509	12 04 17	54 29	0.24	1	P u,4C54.26,4CP54.26
0N510	12 05 44	50 00	0.26	1	u,4634.26,46334.26 p
ON511	12 06 22	55 05	0.36	1	p,c
0 <b>N40</b> 9	12 06 25	42 05	0.24	1	p,n
ON410	12 06 40	47 07	0.31	1	p,c
ON411	12 06 42	43 53	1.68	1 -	p,c,3C268.4,4C43.23,4CP43.23,NRAO393,DA317,
ON412	12 07 15	46 39	0.40	1	VR043.12.01 p,c,4C46.26
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
ON413	12 07 31	44 53	0.47	1	p,c
ON513	12 07 36	51 15	0.20	1	p,c
ON514	12 08 13	52 47	0.26	1	p
0N415	12 08 44	42 25	0.22	1	p,c
0 <b>N5</b> 15	12 08 58	51 07	0.60	1	p,c,4C51.30,4CP51.30
ON516	12 09 00	57 36	0.23	1	n.
ON616	12 09 40	61 02	0.62	ī	p p,4C61.25,4CP61.25
ON517	12 10 27	51 19	0.31	ī	p,c
ON418	12 10 57	48 36	0.35	1	p,c,4C48.34,4CP48.34,BP150
ON419	12 11 29	44 07	0.20	î	u
on519	12 11 38	56 08	0.38	1	p,n,4CP56.19A
ON619	12 11 39	60 46	0.19	1	
ON620	12 11 43	60 10	0.32	i	p,c p,c,4C60.16,4CP60.16
ON421	12 12 49	46 59	0.23	1	p,c,4coo.10,4croo.10
ON522	12 12 58	53 52	2.67	1	p,4C53.24,4CP53.24,DA318
03/22	12 12 07	/ E O E	0.20	•	
0N422	12 13 07	45 05	0.29	1	u,c
ON523	12 13 45	59 05	0.24	1	p,c
0N423	12 13 52	42 05	0.46	1.	p,n,4C42.34
ON524 ON524.5	12 14 13 12 14 40	52 <b>2</b> 8 58 47	0.34 0.28	1 1	p n. c
011324.5	12 14 40	30 47	0.20	τ.	p,c
ON425	12 14 58	45 37	0.44	1	u,c
on <b>526</b>	12 16 06	5 <b>5 4</b> 5	0.38	1	p,4CP55.23A
ON527	12 16 <b>2</b> 1	51 00	0.60	1	p,4CP50.33A
ON427	12 16 <b>2</b> 3	47 37	0.64	1	p,c
ON428	12 16 40	48 47	1.11	1	p,c
ON429	12 17 28	42 56	0.18	1	n .
0N431	12 17 28	41 53	(0.4)	1	p m,p
ON432	12 18 55	44 20	0.60	ī	p,c
ON533	12 20 12	58 33	0.21	1	p,c
ON534	12 20 51	50 34	0.26	1	p,c,4C50.34,4CP50.34,BP153
on534.8	12 20 53	51 08	0.36	1	p,c,4C50.34,4CP50.34,BP153
ON435	12 20 55	47 16	0.31	ī	p,c
QN535	12 20 59	54 20	0.61	ī	u,c,4C54.27,4CP54.27
ON635	12 21 07	61 40	0.25	ī	p
ON536	12 21 30	58 03	0.20	ī	p,c
	12 21 32	46 26	(0.4)	1	m.p.c.4C26.27
0N436 0N437	12 21 32 12 22 03	46 26 42 24	(0.4) 1.38	1 .	m,p,c,4C26.27 p,c,3C272,4C42.35,NRAO398,LHE322,

Table III (continued)

			Table III (c	ontinued)	
Source	Celestial coor (1950.0 $\alpha$		S <sub>1415</sub> (f.u.)	Part	Remarks
ON537 ON537 .1 ON538 ON638 ON438	12 <sup>h</sup> 22 <sup>m</sup> 18 <sup>s</sup>	+53°13' 54 11 55 12 62 11 45 34	0.22 0.22 0.34 0.22 0.58	1 1 1 1 1	p p p p u,c,4C45.25
0N439 0N440 0N540 0N442 0N543	12 23 18 12 24 07 12 24 29 12 25 11 12 25 42	46 19 42 44 59 27 44 13 50 19	0.24 0.28 0.19 0.58 0.18	1 1 1 1	p,c p p,n p,c p,c
ON442.\$ ON443 ON544 ON444 ON545	12 26 04 12 26 14 12 26 28 12 26 28 12 26 55	44 01 44 48 54 06 49 15 52 11	0.19 0.34 0.32 0.40 0.35	1 1 1 1	p,c p,c p,4C54.28,4CP54.28 p,c,BP154 p
0N546 0N447 0N449 0N450 0N451	12 27 40 12 28 18 12 30 13 12 30 18 12 30 45	58 45 41 54 48 36 45 58 44 08	0.46 (0.8) 0.45 0.26 0.51	1 1 1 1	p,c m,p p,n,4C48.35,BP155 p p,c,n
0N552 0N452 0N453 0N453 0N454	12 31 06 12 31 48 12 32 00 5 12 32 05 12 32 07	50 54 43 10 48 17 49 20 41 30	0.45 0.54 0.29 0.22 (0.8)	1 1 1 1	p p,c,4C43.24,LHE324,VRO43.12.011 p p,n,4C49.24,BP156 m,p,c,4C41.24,VRO41.12.01
ON554 ON454.1 ON554.9 ON655 ON555		54 36 44 43 51 56 62 13 54 04	0.26 0.26 0.21 0.19 0.33	1 1 1 1	p,c,4C54.29,4CP54.29 p p,4C62.18 p,c
ON455 ON558 ON660 ON460 ON461	12 33 08 12 34 52 12 36 02 12 36 19 12 36 24	41 53 53 19 61 23 44 25 46 04	0.70 0.37 0.31 0.39 0.20	1 1 1 1	p,c,VR041.12.02 p,4C53.26 p,4C61.26,4CP61.26 p
ON560 ON560.9 ON561 ON463 ON563	12 36 33 12 36 35 12 36 46 12 37 56 12 38 09	52 25 51 03 53 06 47 34 54 51	0.24 0.26 0.33 0.20 0.26	1 1 1 1	p,c p p,c p,c p,c,4CP54.29A
ON464 ON564 ON465 ON565 ON666	12 38 31 12 38 56 12 39 06 12 39 17 12 39 21	46 46 51 51 49 42 55 22 60 30	0.43 0.24 0.39 0.46 0.42	1 1 1 1	p,c p,4CP52.25A p,n p,c p
0N566 0N466 0N467 0N669 0N469	12 39 41 12 39 55 12 40 09 12 41 34 12 41 56	57 49 44 14 43 04 60 31 42 29	1.06 0.60 0.61 0.32 0.32	1 1 1 1	p,4C57.20,4CP57.20 p,c,4C44.20(LS),VRO43.12.02 u,4C42.36,VRO43.12.21 p u,c
ON470 ON470.5 ON471 ON472 ON570	12 42 14 12 42 19 12 42 47 12 42 54 12 42 56	46 36 41 06 43 58 49 17 57 07	(0.3) (1.7) 0.30 0.27 0.24	1 1 1 1	m,p,4C46.28 m,p,c,VRO41.12.03 p p p,c
0N571 0N572 0N573 0N574 0N473	12 43 27 12 43 28 12 43 42 12 44 23 12 44 31	57 40 55 37 55 00 56 58 42 29	0.28 0.44 0.20 0.81 0.24	1 1 1 1	p,c p,c p,c p,c,4C57.21,4CP57.21 p
0N575 0N474 9N576 9N475	12 44 47 12 44 48 12 44 53 12 45 14	50 43 49 14 56 02 46 15	0.18 0.84 0.18 0.26	1 1 1 1	p,c p,4C49.25(LS),4CP49.25,BP158,BP159 p,c p,c

Table III (continued)

					I ABLE II.	1 (continue	u)
		Color	stial coordi	natos	-	0	
		Celes	(1950.0)	nates	$S_{1415}$		
Son	11700	01	(1930.0)	δ	(f.u.)	Part	Remarks
501	urce	α			(1.u.)	Tait	Remarks
ON	1577	12 <sup>h</sup> 46 <sup>m</sup> (	12S 4	58°46'	0.25	1	p
		12 46 3		47 22	0.34	1	
				44 48			p,c
		12 46 5			0.73	1	p,c,4C44.21,4C45.26
		12 47 (		52 00	0.56	1	u 20276
ON	N479	12 47 2	2.2	45 43	0.57	1	u,c,3C276
ON	1480	12 47 2	26	42 01	0.26	1	p,c
		12 48 2		60 56	0.22	1	p p
		12 48 2		41 24	0.36	î	
		12 48 5		58 01	0.25	1	p,c
		12 49 2		43 14	0.61	1	p,n,4C43.25,VRO43.12.03
01	1402	12 47 2		73 17	0.01	-	p, 11, 4043.123, 71043.12.03
ON	N582	12 49 3	30	50 50	1.34	1	p.c.3C277,4C50.35,4CP50.35,NRAO407,BP160A,
							BP160B
ON	N483	12 50 0	00	47 33	0.79	1	p,c,n,4C47.35,4CP47.35,NRAO408,HB16
		12 50 1		56 50	2.44	1	u,3C277.1,4C56.20,4CP56.20,NRAO409,
							DA332, LHE332
ON	N583	12 50 1	L6	52 57	1.31	1	p,c,4C52.26,4CP52.26,DA331
		12 52 2		43 52	0.24	1	u ·
ON	N587	12 52 2	23	53 30	0.18	1	p
		12 52 2		61 51	0.19	ī	p.c.4C61.27,4CP61.27
		12 52 5		48 14	0.27	1	u,c
		12 53 (		61 08	0.24	1	p,c,4C61.28
		12 53		43 02	0.45	1	p,n,4C43.26,VRO43.12.04
٠.		12 33 .					<i>g</i> ,,
ON	N590	12 53	58	59 14	0.37	1	p,c
		12 54		56 55	0.25	ī	
		12 54		47 35	5.12	î	p e,3C280,4C47.36,4CP47.36,NRAO415,BP164,
01	11490	12 34 .	40	47 33	3.12	_	CTA57, DA335, LHE335
01	N492	12 54	50	45 25	0.23	1	p,c
	N493	12 55		44 51	0.96	ī	p,c,4C44.22
01	11473	12 33 .	7.	44 JI	0.50	-	p,c,4011122
O	N693	12 55	43	62 25	0.58	1	p,c,4C62.20,4CP62.20
		12 55		42 13	0.19	1	p
		12 55		52 58	0.19	î	p,n
		12 56		54 35	0.55	î	
		12 56		61 47	0.26	1	p,c p,c
Or	NO94	12 30 .	23	01 47	0.20		ν, σ
01	N594	12 56	36	56 41	0.19	1	p
	N595	12 56		57 41	0.23	î	p
		12 56		55 20	0.20	1	p,c
				48 55	0.22	ì	u,4C48.36,4CP48.36,BP165
	N495	12 57			0.20	1	
Of	N596.1	12 57	13	51 51	0.20	т.	p
01	N597	12 58	20	50 51	0.35	1	p
	N499	12 59		43 55	0.19	ī	p,n
	P400	13 00		48 24	0.18	î	p,c
	P501	13 00		58 22	0.89	î	p
	P602	13 00		62 39	0.18	ī	P
01	F002	15 00	33	02 37	0.10	-	P
01	P401	13 01	10	45 28	0.18	1	p,c
		13 01		48 19	0.31	î	
	P403	13 02		43 03	0.24	î	p,c p
	P503	13 02		59 30	0.32	ī	p,n
	P504	13 02		53 59	0.93	ī	u,n,4C54.30,4CP54.30,LHE338
0,	1304	13 02	21	JJ <b>J</b> J	0.33		4,11,105,1050,1050,2111050
01	P404	13 02	34	49 10	0.44	1	p,n
	P505	13 03		51 59	0.21	ī	p
	P506	13 03		57 49	0.27	ĩ	p
	P408	13 05		47 16	0.23	1	p,c
	P409	13 05		44 26	0.39	î	u,c
0.	1 407	15 05				_	* · · · · · · · · · · · · · · · · · · ·
0	P410	13 05	52	47 53	0.21	1	p,c
	P612	13 06		61 17	0.21	1	p
	P512	13 07		56 28	0.24	ī	p
	P412	13 07		43 18	0.24	1	p,c
	P513	13 07		59 24	0.20	1	p ·
O			-	12			
0	P514	13 08	22	55 20	0.27	1	u
	P414	13 08		47 28	0.52	1	p,c
	P415	13 08		46 44	0.18	1	p,c
	P415.1	13 08		43 16	0.21	1	u
	P416	13 09		41 08	(0.9)	1	m,p,VRO41.13.01
· ·							
0	P517	13 10	48	55 58	0.46	1	p,c

Table III (continued)

Celestial coordinates (1950.0) $S_{1415}$					
Source	α (1950)	.0) δ	$S_{1415}$ (f.u.)	Part	Remarks
OP518	13h11m15s	+50°52'	0.22	1	p,n
OP519	13 11 36	55 13	1.04	1	p,c
OP520	13 12 35	51 48	0.30	1	p,c
O <b>P521</b> O <b>P420</b>	13 12 40 13 12 40	53 17 41 21	0.25 0.28	1 1	p D
					, <b>p</b>
OP621 OP421	13 12 43 13 12 49	62 36 48 06	(0.5) 0.22	1	m,p,4C62.21,4CP62.21 p
OP522	13 12 58	57 55	0.21	1	p p
OP522.1	13 13 06	<b>56 2</b> 0	0.20	1	p,c
OP522.2	13 13 13	<b>52 2</b> 0	0.27	1	p,c
OP423	13 14 01	45 20	0.62	1	p,c,4C45.27
OP625	13 15 02	61 03	0.22	1	, <b>p</b>
OP425 OP426	13 15 23 13 15 26	41 37 44 36	0.20	1 1	u n c
OP527	13 16 44	51 04	0.36	1	p,c p,c
OP528	13 16 48	52 58	0.23	1	p,c
OP429	13 17 34	44 32	0.20	1	p
OP530	13 17 45	52 01	1.55	1	p,c,4C52.27,4CP52.27,LHE340
OP530.1	13 18 11	56 10	0.18	1	p 
OP531	13 18 30	50 59	0.61	1	p,c
OP430	13 18 45	46 04	0.19	1	p,n
OP431	13 18 58	44 58	0.24	1	p :20005 /0/0 27 \m\0/22 P\2/2 T\P2/1
OP432	13 19 08	42 52	2.03	1	p,c,3C285,4C42.37,NRAO422,DA343,LHE341, VRO42.13.02
OP432.6	13 19 33	49 15	0.22	1	p,c
OP433	13 20 06	43 20	0.37	1	u,c,4C43.27
OP433.7	13 20 13	49 55	0.22	1	p,c
OP <b>534</b>	13 20 19	56 59	0.25	1	p
OP535	13 20 56	58 36	0.23	1 1	p,c
OP434 OP435	13 21 18 13 21 25	41 48 41 05	0.59 0.60	1	p,c,4C41.25,VR041.13.02 p,c,n,4C41.25,VR041.13.02
OP436	13 21 47	43 58	0.28	1	n
OP <b>53</b> 6	13 21 56	58 01	0.19	î	р р,с
OP537	13 22 39	59 27	0.56	1	p,4C59.18,4CP59.18
OP538	13 22 47	55 11	0.22	1	p,4C55.25
0P539	13 23 37	51 24	0.40	1	p,n
OP439	13 23 58	44 53	0.22	1	p (2/0 05) pp1/0
OP440 OP541	13 24 12 13 24 49	49 49 5 <b>7 2</b> 4	0.73 0.30	1	p,c,4C49.25A,BP <b>16</b> 9
OP441	13 24 49	42 53	0.20	1	p,c,4C43.28,VRO43.13.01
OP442	13 25 03	43 30	0.51	1	p,c,4C43.28,VRO43.13.01
OP543	13 25 33	55 20	0.55	1	p,n,4C55.26,4CP55.26
OP443	13 25 36	41 55	0.22	1	p,VR042.13.03
OP544	13 25 58	50 13	0.19	1	p,c
0 <b>P645</b> 0 <b>P546</b>	13 26 41 13 27 28	60 15 59 04	0.33	1	p,4C60.17 p,4C59.19,4CP59.19
OP446	13 27 43	47 30	1.19	1	u,c,4CP47.36A,HB17,WKB097
OP447	13 27 43	46 35	0.22	1	p,c,HB17
OP548	13 28 30	54 09	0.20	1	p
OP448	13 29 02	42 36	0.21	1	p
OP449	13 29 12	44 13	0.74	1	p
OP549	13 29 34	50 20	1.14	1	p,c,4C50.36,4CP50.36,BP170,LHE349
OP551 OP552	13 30 35 13 31 07	52 <b>5</b> 7 57 <b>5</b> 9	0.28 0.21	1 1	p p
0P352 0P452	13 31 07	45 15	0.19	1	r D
OP554	13 32 09	55 17	0.37	ī	p,n,4C55.27,4CP55.27
OP453	13 32 14	43 41	0.22	.1	p
OP454	13 32 59	41 14	0.87	1	p,c,4C41.26,DA348,LHE350,VRO41.13.03
OP556	13 33 25	59 04	0.95	1	u,4C58.26,4CP58.26
OP455 OP455.9	13 33 33 13 33 39	46 03 43 01	0.43 0.19	1 1	p,c p,c
0P <b>45</b> 6 0P <b>45</b> 7	13 33 51 13 34 18	46 44 41 44	0.21 0.26	1 1	p,c p,c
					- ·

Table III (continued)

AND THE PERSON NAMED IN COLUMN TO TH	Celestial co	andinatas	1.111111	III (contin	
Source	$\alpha$ (1950)		S <sub>1415</sub> (f.u.)	Part	Remarks
0P458.1 0P559 0P459 0P560 0P462	13 <sup>h</sup> 34 <sup>m</sup> 48 <sup>s</sup> 13 35 34 13 35 40 13 35 56 13 37 05	+49°13' 52 28 48 05 55 20 46 44	0.21 0.50 0.84 0.63 0.38	1 1 1 1	u p,c,n,4C52.28,4CP52.28 p,c,4C47.37,4CP47.37,BP172,BP173 p
OP561 OP562 OP464 OP565 OP465	13 37 05 13 37 21 13 38 16 13 38 53 13 39 16	56 22 52 18 44 31 56 34 48 27	0.28 0.38 0.32 0.26 0.34	1 1 1 1	p,c p,c p p,c p
0P466 0P566 0P567 0P568 0P668	13 39 38 13 39 39 13 40 26 13 40 33 13 40 36	47 12 54 02 59 13 51 16 60 37	0.24 1.09 0.27 0.32 1.55	1 1 1 1	p,4C47.38,LHE354 p,c,4C53.27,4CP53.27,LHE355 p,c p,c,n p,c,3C288.1,4C60.18,4CP60.18,NRA0428,LHE356
OP568.1 OP468 OP568.2 OP568.3 OP568.9	13 40 48 13 40 49 13 40 56 13 40 57 13 41 20	56 34 44 01 51 56 57 31 50 03	0.19 0.50 0.20 0.40 0.20	1 1 1 1	p,c p,c,VR043.13.02 p,c p,c
OP470 OP569 OP570 OP571 OP471	13 42 01 13 42 06 13 42 48 13 43 12 13 43 16	48 35 53 09 55 19 57 16 45 20	0.26 0.19 0.38 0.42 0.22	1 1 1 1	p p p p p,c
OP472 OP572 OP573 OP572.4 OP474	13 43 24 13 43 27 13 43 50 13 43 51 13 44 21	43 02 50 04 53 54 58 54 48 35	1.04 2.42 0.68 0.24 0.44	1 1 1 1	u,4C43.30,LHE358,VRO43.13.03 p,3C289,4C50.37,4CP50.37,NRA0429,BP174,LHE357 p p,4C59.20,4CP59.20 p,4C48.37,4CP48.37,BP175
OP675 OP476 OP477 OP577 OP678	13 44 52 13 45 33 13 45 56 13 45 58 13 46 49	61 39 41 21 44 15 58 31 60 18	0.25 0.27 0.25 0.46 0.22	1 1 1 1	p,c p p p,4C58.27,4CP58.27 p
OP580 OP479 OP581 OP483 OP583	13 47 44 13 47 48 13 48 05 13 49 48 13 49 56	53 55 48 55 50 00 43 34 56 14	0.89 0.19 0.23 0.19 0.24	1 1 1 1	p,4C53.28,4CP53.28 p p p p p,c
OP584 OP684 OP585 OP586 OP687	13 50 01 13 50 30 13 51 06 13 52 07 13 52 09	55 27 62 33 58 41 57 19 60 59	0.18 0.24 0.86 0.75 0.29	1 1 1 1	p,c p p,c,4C58.28,4CP58.28,LHE363 p,c,4C57.23 p,c
OP587 OP487 OP588 OP489 OP590	13 52 10 13 52 26 13 52 43 13 53 15 13 54 12	50 57 43 10 50 16 48 35 56 38	0.23 0.22 0.26 0.44 0.49	1 1 1 1 1	p,c p p,c p p,4C56.21
OP492 OP493 OP694 OP594 OP494	13 55 05 13 55 37 13 56 08 13 56 35 13 56 39	42 28 44 08 62 21 58 05 47 50	0.20 0.54 0.28 0.51 0.51	1 1 1 1	u p p p,4C58.29,4CP58.29 u
OP595 OP496 OP597 OP598 OP699	13 57 08 13 57 51 13 58 31 13 58 58 13 59 04	51 32 43 07 53 54 50 57 62 29	0.34 0.38 0.75 0.24 4.48	1 1 1 1	p,4CP51.30A u,4C43.32,VR043.13.04 p,n,4C53.29,4CP53.29 p p,4C62.22(LS)4CP62.22,DA357
0P497 0P499 0P499.6	13 59 23 13 59 40 13 59 47	44 01 42 06 47 33	0.19 0.59 0.20	1 1 1	p p p

Table III (continued)

	Celestial co (1950	ordinates	$S_{1415}$		
Source	α (1930	δ	(f.u.)	Part	Remarks
OP599	13h59m51s	+59°19'	0.18	1	p,c
00400	14 00 06	48 31	0.22	1	p,BP181
0Q5 <b>0</b> 0	14 00 12	50 20	- 0.29	1	p
0Q <b>500.</b> 5 0Q <b>500.</b> 8	14 00 19 14 00 29	53 03 52 15	0.30 0.50	1 1	p,c,4C53.30 p,c,n,4C52.29
00501	14 00 35	58 37	0.27	1	p,c
0Q402	14 01 06	46 02	0.20	1	u
00502	14 01 11	57 48	1.09	1	p,c,4C57.24,4CP57.24
0Q503 0Q603	14 01 29 14 01 41	54 45 61 38	0.45	1	p,4CP54.30A
,			0.19	1	p,c
0Q503.2 0 <b>Q604</b>	14 01 56 14 02 28	50 28 60 55	0.33 0.56	1 1	p p,c,4C61.29,4CP61.29
00405	14 03 14	45 10	0.2/	1	p
0 <b>0405.9</b> 0 <b>04</b> 06	14 03 40 14 03 53	44 29 40 54	0.21 0.26	1 1	p p
0Q509 0 <b>Q509.</b> 9	14 05 28 14 06 11	51 47 55 26	0.54 0.18	1 1	p,4C51.31 P
00510	14 06 14	52 46	0.21	î	P P
00513	14 07 33	53 58	0.21	1	p
00413	14 08 31	46 34	0.18	1	P P
00414	14 08 37	48 58	0.27	1	p
00615	14 08 55	62 18	0.25	1	p
0Q514	14 09 35	52 27	22.90	1	u,3C295,4C52.30,4CP52.30,NRAO437,AMWW28, CTA62,DA360,DGVW064,HB18,LHE370
0 <b>0515</b> 0 <b>0516</b>	14 09 43 14 09 49	55 59 59 24	0.30 0.32	1	p,4C55.28 p
00417	14 10 08	43 45	0.49	1	p,4C43.33,VRO43.14.01
0Q <b>518</b>	14 10 39	54 49	0.35	1	p
00418	14 11 00	40 25	0.24	1	p -
0Q519 0Q419	14 11 12 14 11 35	50 38 42 59	0.22 0.20	1	р р,с
00419.7	14 11 50	42 32	0.19	1	p,c
0Q420	14 12 08	45 53	0.29	1	p,c
00624	14 14 37	62 05	0.31	1	p,n
0 <b>052</b> 5 00423	14 14 42 14 14 51	52 30 48 04	0.41 0.71	1	p,n p,c,4C48.38,4CP48.38,BP185,LHE371
00423.9	14 15 03	49 51	0.19	1	p,n
00424	14 15 09	42 48	0.29	1	p,c
00425	14 15 10	46 18	1.09	1	p,4C46.29
0 <b>052</b> 6 0 <b>042</b> 6	14 15 49 14 16 05	50 49 40 58	0.30 0.18	1 1	p p
00427	14 16 12	43 10	0.22	1	p,c,n
00628	14 16 57	60 11	0.24	ĩ.	p,c
00530	14 18 00	54 40	0.81	1	p,c
0Q430 0Q631	14 18 05 14 18 27	45 13 60 26	0.31 0.19	1 1	p p,c
0Q532	14 18 57	51 38	0.29	1	
00432	14 19 04	41 58	2.67	1	p p,3C299,4C41.27,NRAO442,DA365,LHE373, VRO41.14.01
0Q533	14 20 02	56 41	0.27	1	p,n
00635	14 21 05	60 25	0.24	1	p
00435	14 21 18	48 16	0.56	1	p,c
00536	14 21 39 14 21 53	50 57 42 43	0.19 0.24	- <u>1</u>	p n n
0 <b>Q43</b> 6 0 <b>Q53</b> 7	14 21 33	42 43 53 05	0.24	1	p,n p
00438	14 22 51	49 57	0.19	1	p p
00540	14 24 12	51 56	0.28	1	p
0Q541	14 24 19	57 37	0.23	1	p,c
00542	14 25 25 14 26 06	58 14 43 15	0.26 0.24	1 1	p,c
0 <b>Q442</b> 0 <b>Q543</b>	14 26 06	43 15 54 37	0.24	1	u p,c,4C54.31,4CP54.31
00443	14 26 16	46 09	0.38	1	p,n
0Q544	14 26 24	56 49	0.21	1	p _
00444	14 26 36	49 00	0.32	1	p

Table III (continued)

				TABLE III	(continueu)		
		Celestial coor	rdinates				
C		(1950.0	<b>)</b> )	$S_{1415}$	<b>T</b> )4	D our order	
	ource	α	δ	(f.u.)	Part	Remarks	
	وجديد	14 <sup>h</sup> 26 <sup>m</sup> 48 <sup>s</sup>	+47°01'	0.19	1	p,n	
	Q546	14 27 42	54 21	0.89	î	p,c	
	Q446	14 27 49	4 <b>5</b> 05	0.43	1	p,n	
	Q447	14 27 52	43 19	0.19	1	p	
	00448	14 27 55	41 33	0.22	1	p,n	
			55 A		_		
	0Q547 0Q54 <b>7.</b> 6	14 28 11 14 28 34	55 16 53 17	0.21	1	p,c	
	00548	14 28 36	52 35	0.71	1	p,c p,c,4C52.31	
	)Q449	14 29 33	44 41	0.26	1		
	Q549	14 29 37	50 07	0.24	1	p p	
	Q451	14 30 34	41 12	0.36	1	p	
	Q553	14 32 10	53 45	0.31	1	p,n,4C53.31(LS)	
	Q454	14 32 26	42 40	0.99	1	u, VRO42.14.01	
	)Q554 )Q454.8	14 32 40 14 32 53	59 19 45 31	0.30 0.18	1	P	
C	0,454.6	14 32 33	43 31	0.10	1	p,c	
C	Q455	14 33 00	46 15	0.24	1	p,c	
C	Q555	14 33 06	57 0-6	0.24	. 1	p,n,4CP57.24A	
	Q655	14 33 16	62 17	0.22	1	p	
	Q557	14 33 54	55 31	0.36	1	u,4C55.29,4CP55.29	
	oò457	14 34 13	47 38	0.22	1	P	
	2550	14 05 00		0.00			
	)Q559	14 35 38	51 24	0.33	1	p,c	
	00561	14 36 22	52 55	0.25	1	p,4C52.32,4CP52.32	
	00462	14 37 10	44 14	0.26	1	p	
	00462.1	14 37 17	43 15	0.21	1	p,c	
C	00663	14 37 28	62 29	(2.4)	1	m,p	
C	Q463	14 37 58	42 38	0.24	1	p,c,4C42.39,VRO42.14.02	
	00463.5	14 38 05	46 42	0.20	1	p,c	
	00563	14 38 11	54 39	0.20	î -	p	
	00464	14 38 19	45 37	0.33	1	p,c	
	oo564	14 38 22	57 00	0.33	1	p	
	20665		(* <b>0</b> 0				
	00665	14 39 08	61 29	0.21	1	p,c	
	00666	14 39 47	60 47	0.39	1	u,c	
	00467	14 41 01	40 55	0.73	1	p,c,VR040.14.01	
	0Q468 0 <b>Q6</b> 69	14 41 02 14 41 16	49 54 61 51	0.27 0.22	1	p,c	
		14 41 10	01 31	0.22	1	P	
C	00568	14 41 23	52 13	2.60	1	u,3C3O3,4C52.33,4CP52.33,NRAO452,	DA369
	0Q469	14 41 29	47 31	0.27	1	p .	
	00470	14 41 55	41 51	0.19	1	- p,c :	
	0Q569	14 42 00	50 45	1.42	1	u,c,4C50.38,4CP50.38,BP190	
C	00570	14 42 11	54 59	0.37	1	p,c,4C54.32,4CP54.32	
(	00471	14 42 53	44 17	0.27	1	p,4C44.23(LS)	
	00571	14 43 19	56 41	1.19	1	u,c,4C56.22,4CP56.22	
	Q572	14 43 25	55 47	0.54	1	p,c,4C55.30,4CP55.30	
	00472	14 43 45	46 35	0.23	1	p,c	
(	00473	14 43 54	47 58	0.22	1	p	
,	20171	14 44 25	/1 /7	0 15		- / (021 20	
	OQ474	14 44 35	41 47	0.45	1	p,c,4C21.28	
	OQ474.9	14 45 05	49 36	0.19	1	p	
	0Q475	14 45 07	40 58	0.22	1	u,c	
	00478	14 46 35	44 19	0.57	1	p,c,4C44.24	
(	0Q578	14 46 56	50 27	(0.8)	1	m,c	
(	OQ579	14 47 17	51 41	0.18	1	p	
	O <b>Q480</b>	14 47 46	49 05	0.28	1	p,c	
	O880	14 47 49	60 <b>1</b> 5	0.25	1	p,n	
	00481	14 48 54	44 16	0.29	1	u	
(	0Q582	14 49 02	53 31	0.30	1	p,4C53.32,4CP53.32	
(	00482	14 49·08	41 54	0.84	1	p.c.4C41.29,LHE379,VRO42.14.03	
	0 <b>0583</b>	14 49 08	54 26	0.22	1	p,4C54.33,4CP54.33,LHE380	
	00484	14 50 22	45 38	0.28	i	p,4034.33,40134.33,1112300	
	0 <b>Q58</b> 4	14 50 40	50 25	0.21	ĩ	p,c,BP192	
	00585	14 50 42	55 39	0.30	1	p,n	
	•		/ 0 1 <del>-</del>	0.00	•		
	00485	14 50 50	43 15	0.33	1	p,VR043.14.03	
	00486	14 51 50 14 52 25	41 58 50 14	0.20 1.37	1 1	p,c p,c,4C50.40,4CP50.40,NRAO459,BP19	93
•	oQ587	14 52 25	JU 14	T.3/	1	P, C, TOSO: TO, TO! SO: TO, MMMO455, BF I:	

Table III (continued)

	(1950	oordinates	2			
Source	α (193)	δ	S <sub>1415</sub> (f.u.)	Part	Remarks	1
0Q490	14h54m12s	+47°50'	0.54	1	u,4C47.39,NRAO462	
o <b>Q59</b> 0 .	14 54 35	51 03	0.24	1	p ·	
0Q591 0Q492	14 54 36 14 55 05	59 <b>2</b> 3 46 <b>2</b> 5	0.46	1	u,c,4C59.21,4CP59.21	
00492	14 55 54	42 12	0.43	1	p u,4C42.40,VRO42.14.04	
					*	
0Q494	14 56 28	48 57 58 06	0.25	1	P	
0Q594 0Q595	14 56 30 14 57 50	50 00	0.41	1	p p	
00496	14 57 55	41 20	0.27	1	p,n	
oq496.8	14 58 05	45 34	0.20	1	, p	
00596	14 58 07	51 24	0.26	1		
0Q590 0Q597	14 58 14	54 42	0.32	1	p p	
00598	14 58 32	56 37	0.23	1	p,c	
00497	14 58 41	43 21	0.36	1	p,n,VRO43.14.04	
o <b>Q498</b>	14 58 46	46 52	0.24	. 1	P g	
00599	14 59 28	52 45	0.48	1	p,n,4C52.34	
0Q499	14 59 37	48 54	0.28	1	p,c	
0Q499.7	14 59 53	42 24	0.29	1	p	
00499.8	14 59 54	48 20	0.23	1	p,c	
00499.9	14 59 58	44 02	0.26	1	<b>u</b>	
OR501	15 00 18	57 05	1.07	1	p,c,4C57.25,4CP57.25	
OR502	15 01 03	52 58	0.18	1	p	
OR403	15 01 38	45 45	0.52	1	p	
OR603	15 01 58	61 06	0.44	1	p,c,4C61.31,4CP61.31	
OR504	15 02 22	56 53	0.50	1	p,c	
OR605	15 03 01	60 13	1.75	1	p,c,3C311,4C60.19,4CP60.19,NRAO467,DA	A375
OR505	15 03 25	5 <b>3 54</b>	0.19	1	p,c	
OR506	15 03 29	54 53 55 56	0.51	1	p	
OR507 OR407	15 03 59 15 05 04	42 43	0.20 0.38	1 1	p p,n	
					.,-	
OR408	15 05 37	46 44	0.26	1	u	
OR409 OR410	15 05 42 15 06 28	40 41 49 15	0.25 0.32	1 1	p	
OR510	15 06 28	58 27	0.60	1	p p,c,4C58.31,4CP58.31,LHE386	
OR511	15 06 39	59 22	0.54	1	p,c	
			32			
OR411 OR611	15 06 50 15 06 51	41 54 60 19	0.32	1	p,c	
OR412	15 07 05	41 07	0.28	1	p,c p,c	
OR412.8	15 07 38	47 39	0.88	ĩ	p,4C47.40,NRAO468,BP198	
OR412.9	15 07 40	44 49	0.27	1	p,n	
OR413	15 07 44	41 08	0.34	,		
OR414	15 07 44	49 04	0.34	1	p,c p,c,n	
OR513	15 08 10	53 37	0.44	ī	p,c	
OR514	15 08 11	52 10	0.57	1	p,c	
OR415	15 08 23	42 31	0.18	1	p	
OR515	15 08 50	52 59	0.33	1		
OR615	15 08 50	60 17	0.29	1	p,c p	
OR516	15 09 52	50 06	0.30	ī	p,c	
OR416	15 10 05	44 42	0.39	1	p,c,4C44.25	
OR517	15 10 19	51 06	0.22	1	P	
OR417	15 10 38	45 51	0.66	1	p,c,3C314,4C45.29,NRAO471	
OR518	15 10 45	54 <b>3</b> 9	0.25	1	p	
OR418	15 10 52	47 07	0.36	1	p,c	
OR <b>519</b> OR <b>41</b> 9	15 11 15 15 11 43	50 04 4 <b>7 3</b> 2	0.43 0.81	1	p,c u,c,4C47.41,NRAO473	
UN417	17 11 43	47 34	0.01	1	u, c, 4047, 41, mm/4/3	
OR420	15 11 51	46 51	0.24	1	p,c	
OR420.1	15 11 56	44 12	0.19	1	p,n,4C44.26	
OR420.4	15 12 14 15 12 42	46 03 42 19	0.18	1	p v a	
OR421 OR521	15 12 42 15 12 45	42 19 59 03	0.31	1	u,c p,c	
				-	F 7 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 =	
OR422	15 12 58	41 45	0.30	1	p,c	
OR423	15 13 44	48 14	0.18	1	u	

Table III (continued)

	Celestial co				
Source	α (1950	δ	$S_{1415}$ (f.u.)	Part	Remarks
OR524 OR525 OR425 OR426 OR427	15 <sup>h</sup> 14 <sup>m</sup> 24 <sup>s</sup> 15 15 07 15 15 30 15 15 34 15 15 46	+58°38' 52 14 46 13 45 22 43 31	0.23 0.22 0.23 0.36 0.22	1 1 1 1	p p u,c u,c p
OR527 OR528 OR428 OR630 OR430	15 16 09 15 17 00 15 17 05 15 17 47 15 18 06	56 12 52 48 46 22 60 49 47 35	0.40 0.33 0.42 0.29 0.20	1 1 1 1	p,4CP56.22A p,c p,n,4C46.30 p,4C60.20,4CP60.20 p
OR530 OR531 OR532 OR432 OR533	15 18 26 15 18 58 15 19 04 15 19 05 15 19 45	53 47 56 28 57 03 48 48 51 13	0.48 0.30 0.24 0.21 1.03	.1 1 1 1	p,c,4C53.34 p,c,4CP56.22B p,c,4CP56.22B p,c p,4CP51.31B,WKB104
OR533.4 OR634 OR535 OR435 OR536	15 20 00 15 20 26 15 20 41 15 21 14 15 21 42	55 37 60 11 59 24 42 01 52 16	0.27 0.27 0.20 0.24 0.19	1 1 1 1	p p,4C59.22,4CP59.22 p,c p,c,4C42.42,VRO42.15.02 p
OR436 OR438 OR538	15 21 45 15 22 30 15 22 47	48 32 46 54 54 40	0.23 0.18 2.42	1 1 1	p u p,c,3C319,4C54.34,4CP54.34,NRAO478,DA383, LHE389
OR539 OR541	15 23 41 15 24 21	53 37 55 08	0.19 0.21	1	p,c p,c
OR441 OR541.8 OR542 OR543 OR444	15 24 50 15 25 05 15 25 19 15 25 37 15 26 20	43 14 53 34 50 47 55 55 42 41	0.44 0.21 0.22 0.20 0.24	1 1 1 1	p,4C43.34,VRO43.15.01 p,c p p p
OR544 OR545 OR546 OR446 OR548	15 26 28 15 27 19 15 27 25 15 27 26 15 29 18	59 17 56 55 51 37 45 47 52 16	0.18 0.21 0.57 0.39 0.67	1 1 1 1	p p,c,4C51.32(LS)?,4C51.33,4CP51.32 p,c p,4C52.35,4CP52.35
OR449 OR549 OR449.9 OR450 OR550	15 29 34 15 29 44 15 29 49 15 29 57 15 30 01	41 40 51 19 49 50 41 02 58 28	0.23 0.37 0.20 0.42 0.36	1 1 1 1	p,c p,c p p,c p
OR451 OR452 OR453 OR455 OR454	15 31 05 15 31 13 15 32 06 15 32 46 15 32 46	44 46 46 09 49 41 48 53 42 53	0.32 0.38 0.24 0.46 0.25	1 1 1 1	p p p,c p,c u
OR555 OR456 OR556	15 33 15 15 33 19 15 33 48	50 35 41 56 55 46	0.21 0.18 1.95	1 1 1	p,c p p,c,3C322,4C55.31,4CP55.31,NRAO481, DA386,LHE392
OR457 OR561	15 34 24 15 36 17	46 32 57 26	0.23 0.55	1	p p,n,4C57.26,4CP57.26
OR462 OR563 OR465 OR465.7 OR466	15 37 08 15 37 23 15 39 19 15 39 24 15 39 39	42 21 55 19 44 57 40 55 45 53	0.22 0.19 0.30 0.19 0.41	1 1 1 1	p,n p p,c p p,c,4C46.31
OR467 OR667 OR566 OR567 OR568	15 39 42 15 40 03 15 40 04 15 40 14 15 40 19	47 55 61 20 53 08 59 26 53 53	0.19 0.62 0.38 0.22 0.20	1 1 1 1	p u,c,4C61.32,4CP61.32 u,c p,c p,c,4C53.35,4CP53.35
OR668 OR569	15 40 50 15 41 25	60 27 57 18	1.98 0.26	1	p,c,3C323,4C60.21,4CP60.21,NRAO482,DA387 p,c

Table III (continued)

	Celestial co		C		
Source	α (1950	.0) δ	$S_{1415}$ (f.u.)	Part	Remarks
OR572	15h43m18s	+52°35'	0.36	1	p,c,4C52.36(LS),4CP52.36
OR573	15 43 35	51 46	0.85	. 1	p,c
OR471 OR472	15 43 40 15 43 51	48 02 46 <b>2</b> 9	0.73 0.26	1	p,n p,c,4C46.32
OR472	15 43 52	46 55	0.24	1	p,c
OR474	15 44 41	45 47	0 <b>.2</b> 5	1	p,c
OR475	15 44 44	43 02	0.26	1	p,VRO43.15.011
OR575 OR576	15 44 56 15 45 36	51 <b>3</b> 6 5 <b>5 1</b> 7	0.35 0.43	1	p,c
OR476	15 45 46	49 51	0.78	1	p p,c,4C49.26
0R677	15 45 53	60 39	0.18	1	
OR478	15 46 35	48 49	1.19	1	p u,c,4C48.39,4CP48.39,DA388
OR577	15 47 23	51 33	0.21	1	u,c
OR579 OR680	15 47 28 15 47 43	58 <b>22</b> 61 <b>52</b>	0.28	1	p
0.000	13 47 43	01 32	0.35	1	p,c
OR580	15 47 57	50 48	0.53	1	p,c
OR <b>583</b> O <b>R484</b>	15 49 37 15 50 38	59 15 40 34	0.20 0.20	1 1	p
OR585	15 51 07	58 25	0.31	1	P P
OR588	15 52 33	52 <b>3</b> 5	0.34	1	p
OR488	15 53 00	44 21	0.24	1	u
OR488.5	15 53 06	46 05	0.18	ı	p,n
OR489	15 53 38	49 36	0.33	1	p
OR490 OR492	15 53 48 15 54 57	47 45 4 <b>3 0</b> 5	0.28 1.70	1	u p,4C43.35,LHE396,VRO43.15.02
08492	13 34 37	43 05	1.70	1	p,4643.33,LnE390,VN043.13.02
OR592	15 55 43	57 25 55 14	0.24	1	p,c
OR593 OR493	15 55 53 15 55 55	45 34	0.26 0.60	1	p,c u,4C45.30
OR494	15 56 34	41 50	0.23	1	p
OR594	15 56 35	54 37	0.31	1	p,c
0R595	15 56 44	5 <b>3 5</b> 7	0.31	1	p,c
OR495	15 56 44	47 21	0.43	1	u (an/o, 204
OR495.1 OR596	15 57 03 15 57 52	48 23 52 22	0.19 0.27	1 1	p,c,4CP48.39A p,c
OR496	15 57 55	44 04	0.81	1	u,4C43.36,VRO43.15.03
OR596.7	15 58 03	59 22	0.28	1	p
OR597	15 58 09	51 37	0.28	ī	p,c
OR497	15 58 17	48 28	0.38	1	u,c,4CP48.39A
0R598 -0S400	15 58 57 16 00 08	53 55 42 43	0.66 0.21	1	p,4C53.36(LS),4CP53.36 u
08401	16 00 17	40 55	0.19	1	
0 <b>S401</b> 0 <b>S501</b>	16 00 17	56 35	0.19	1	p p
0\$402	16 01 04	48 21	0.29	1	p,c,4C48.40
08503	16 01 46	52 53	0.68	1 1	p,c,4C52.37,4CP52.37
08403	16 01 50	47 07	0.30	1	p,c
08403.9	16 02 29	49 34	0.22	1	p,n,4C49.27(LS),4CP49.27
0S404 0S404.8	16 02 39 16 02 51	44 27 47 44	0.83 0.59	1	p,4C44.27,DA399,LHE399 p,c
08405	16 02 54	48 16	0.30	ī	p,c
08506	16 03 25	57 <b>3</b> 5	1.12	1	p,4C57.27,4CP57.27
os606	16 03 35	61 00	0.46	1	p
08508	16 04 46	55 08	0.35	1	p,c
0S508.2 0S509	16 04 51 16 05 09	54 04 59 <b>3</b> 5	0.21 0.19	1	p,c p
08412	16 06 56	41 33	0.18	ī	p,4C41.30
08413	16 07 39	46 43	0.21	1	p,c
05413	16 08 08	43 37	0.20	1	p
OS515	16 08 46	53 25	0.19	1	p,c
0S616 0S417	16 09 51 16 09 58	61 40 40 50	0.24 0.43	1	u p,4C40.34,VRO40.16.01
0S516 0S517	16 10 05 16 10 26	53 41 5 <b>7 34</b>	0.57 0.23	1 1	p,c,4CP53.36A p
	10 10 40	J1 J4	0.20	-	r .
0S518	16 11 05	55 <b>35</b>	0.23	1	p,c,n,4C55.32,4CP55.32

Table III (continued)

			TABLE III	(commuca)	
	Celestial coo (1950.	0)	$S_{1415}$	1	
Source	α	δ	(f.u.)	Part	Remarks
0S624 0S423 0S424 0S525 0S425	16 <sup>h</sup> 14 <sup>m</sup> 06 <sup>s</sup> 16 14 16 16 14 32 16 14 46 16 14 52	+60°00' 47 12 40 52 53 43 43 16	0.28 0.56 0.28 0.29 0.37	1 1 1 1	p p,4C47.42 p,c,VRO40.16.02 p,c p,n,VRO43.16.01
0S526 0S527 0S627 0S430 0S431	16 15 36 16 15 59 16 16 25 16 18 51 16 19 00	54 02 50 48 60 38 42 31 43 21	0.25 0.26 0.57 0.27 0.69	1 1 1 1	p,c p,n u,4C60.22,4CP60.22 p,c p,c,4C43.37(LS),VRO43.16.02
0S432 0S431. 0S533 0S433 0S534	16 19 07 16 19 08 16 19 36 16 19 46 16 20 34	49 21 40 48 50 22 43 53 58 55	0.22 0.20 0.38 0.28 0.18	1 1 1 1	p,n p u p,c,4C43.38,VRO43.16.03 p
0S434 0S535 0S437 0S438 0S538	16 20 37 16 20 53 16 22 33 16 22 44 16 22 58	42 30 55 53 47 31 48 55 51 50	0.20 0.19 0.30 0.23 0.28	1 1 1 1	p p,n p,c p
0S539 0S439 0S439. 0S540 0S640	16 23 28 16 23 29 2 16 23 31 16 23 40 16 24 02	56 53 40 53 46 45 57 43 60 18	0.25 0.37 0.37 0.57 1.29	1 1 1 1	p,c p,c,4C41.31,LHE405,VRO41.16.01 p,c p,c u,4CP60.23
08440 08441 08542 08543 08544	16 24 15 16 24 21 16 25 46 16 25 55 16 26 04	41 38 44 02 58 18 50 43 50 06	2.26 0.18 0.41 0.21 0.19	1 1 1 1	p,c,4C41.32,DA411,VRO41.16.02 p p,4CP58.31B p,c p,c
05644 05545 05445 05446 05547	16 26 38 16 26 52 16 27 09 16 27 20 16 27 57	60 57 51 54 47 33 44 24 56 45	0.29 0.64 0.29 3.27 0.26	1 1 1 1	p u,c p u,3C337,4C44.28,NRAO505,DA414,LHE409 p,n
0S549 0S449 0S450 0S551 0S452	16 29 08 16 29 48 16 29 54 16 31 09 16 31 47	52 36 44 02 49 32 50 35 42 55	0.41 1.26 0.30 0.30 0.21	1 1 1 1	u,c u,4C43.39,NRAO508,LHE410 p,c p
0\$553 0\$453 0\$554 0\$656 0\$557	16 31 48 16 31 50 16 32 16 16 33 22 16 34 15	54 07 47 08 59 24 60 04 58 51	0.50 0.31 0.25 0.27 0.54	1 1 1 1	p,4C54.35,4CP54.35 p,4C47.43 p,c,4C59.24,4CP59.24,LHE411 p,c,4C59.25,4CP59.25 p,4C58.32,4CP58.32
08456 08658 08457 08458 08558	16 34 48 16 34 51 16 34 52 16 34 52 16 35 01	46 51 60 24 48 18 49 22 54 54	0.56 0.29 0.28 0.43 0.21	1 1 1 1	p,c p,c p,c u,c u
05459 08559 08460 08461 08562	16 35 23 16 35 24 16 36 19 16 36 29 16 37 15	41 12 52 27 47 21 45 38 57 22	(0.3) 0.35 0.69 0.52 0.59	1 1 1 1	m,p p p,c,4C47.44 p,c,4C45.31 p,c
0S662 0S462 0S463 0S563 0S464	16 37 16 16 37 19 16 37 21 16 38 01 16 38 17	61 04 46 04 43 53 56 34 47 07	0.18 0.23 0.48 0.26 0.23	1 1 1 1	p p,c u p,c
DS564 DS565 DS566	16 38 18 16 39 07 16 39 30	53 52 58 35 54 55	0.54 0.21 0.19	1 1 1	p,c,4C53.37,4CP53.37 p p,c

Table III (continued)

	Celestial co		9		
Source	α (1950	δ	$S_{1415}$ (f.u.)	Part	Remarks
0S466	16h39m47s	+42°11'	0.19	1	p,c
08568	16 40 36	51 04	0.19	i	
0 <b>S46</b> 8	16 40 46	48 31	0.23	1	P
05471	16 42 38	45 52	0.21	1	p,c,n
05571	16 42 53	51 11			p
033/1	10 42 33	21 11	0.19	1	p,n
08573	16 43 31	50 15	0.28	1	p
O <b>S574</b>	16 44 27	5 <b>6</b> 19	0.18	1	<b>p</b>
0 <b>S47</b> 5	16 45 12	44 22	0.26	1	p,n
0 <b>S47</b> 7	16 46 04	4 <b>3 2</b> 8	0.29	1,	p,c,n
08577	16 46 18	5 <b>7</b> 27	0.21	1	p
OS479	16 47 11	42 53	1.37	1	p,c,4C43.40,LHE415,VRO42.16.011,VRO43.16.04
08579	16 47 28	53 09	0.19	ī	p,n
o <b>s679</b>	16 47 29	60 00	0.27	1	p,c
os680	16 47 58	60 44	0.33	1	p,c
08581	16 48 24	53 54	0.27	ī	p
			3		
0 <b>S481</b>	16 48 26	41 54	0.30	1	p,c
0 <b>S482</b>	16 48 33	48 38	0.18	1	p
08582	16 49 33	50 <b>2</b> 9	0.18	1	p
08583	16 50 07	54 <b>5</b> 3	0.43	1	p,c
OS584	16 50 29	54 18	0.28	1.	p,c
os584.1	16 50 45	58 06	0.38	1	p
08585	16 50 47	51 48	0.42	ī	p,4C51.34
0 <b>S48</b> 5	16 51 49	45 42	0.19	ī	p
0S486	16 52 07	49 52	0.35	ī	p,c,4C49.28,4CP49.28
08487	16 52 08	49 12	0.24	1	p,c
			1		
0\$487.4	16 52 27	44 39	0.24	1	p,c
0 <b>S487.</b> 5	16 52 29	43 23	0.46	1	p,c,VR043.16.05
08588	16 52 46	52 02	0.77	1	p,c,4C52.39,4CP52.39
08488	16 53 04	<b>41 3</b> 9	0.22	1	p
OS488.5	16 53 06	48 11	0.30	1	p,4CP48.4OA
o <b>s48</b> 9	16 53 20	45 50	0.50	1	p,4C45.32
0\$589	16 53 33	59 12	0.21	1	p
08590	16 54 04	50 19	0.39	i	p,4C50.41,4CP50.41
08592	16 54 29	54 12	0.37	1	p,c,4CP54.35A
05490	16 55 31	46 48	0.20	1	p
OS592.9	16 55 54	53 20	0.23	1	p,c
o <b>s593</b>	16 55 58	54 02	0.50	1	p,c
0 <b>S492</b>	16 56 08	45 20	0.87	1	u,c,4C45.33
08493	16 56 30	41 51	0.26	1	p
0 <b>S</b> 5 <b>9</b> 4	16 56 33	57 01	0.65	1	p,c,4C57.28,4CP57.28
05494	16 56 36	47 52	1.86	1	u,c,4C48.41
08495	16 57 10	44 50	0.22	1	p,c
08595	16 57 21	5 <b>1</b> 54	0.33	ī	p,c
08596	16 57 35	52 35	0.40	ī	p,c
08497	16 58 00	47 06	2.81	1	p,c,3C349,4CP47.45,NRAO519,DA428,LHE418
05498	16 59 20	46 01	0.49	1	
	16 58 39 16 58 54			1	p,c p 4057 20 40B57 20
0 <b>S598</b>	16 58 54	57 49	0.70	1	p,4C57.29,4CP57.29
08699	16 59 15	60 04	0.35	1	p,c
OT500.1	17 00 03	51 56	0.20	1	<b>p</b>
OT400	17 00 08	43 58	0.23	1	p,c
OT500	17 00 18	50 55	0.45	1	p,c,4C50.42,4CP50.42
OT401	17 00 22	43 24	0.28	1	p,c
OT500.9	17 00 32	5 <b>7 0</b> 0	0.21	1	P
OT501	17 00 54	53 13	0.20	1	p
OT402	17 01 02	40 52	0.29	Ĩ,	p,c
OTEO	17 01 16	50 21	0.20	,	- ACEO 26 ACREO 26
O <b>T50</b> 2 O <b>T602</b>	17 01 16 17 01 22	59 21 62 04	0.38 0.20	1	p,c,4C59.26,4CP59.26 u
OT402.5	17 01 22	41 50	0.20	1	u u
OT502.7		50 <b>1</b> 9	0.20	1	
OT403	17 01 36 17 01 44	47 02	0.59	1	p,c p,4046.33,NRA0520
	17 01 51	55 14	0.67	1	p,4C55.33,4CP55.33,LHE420
OT503		C C C C	0.07	-	_
OT503 OT505 OT607	17 02 51 17 04 03	56 55 60 <b>4</b> 9	0.24 3.59	1 1	p p,c,3C351,4C60.24,4CP60.24,NRAO522,DA430

Table III (continued)

	Celestial co		C		
 Source	α (195)	δ	$S_{1415}$ (f.u.)	Part	Remarks
0Т506	17 <sup>h</sup> 04 <sup>m</sup> 23 <sup>s</sup>	+56°27'	0.30	1	p,c,4C56.23
OT507	17 04 33	51 14	0.25	1	p,c,4C51.35
OT508	17 04 41	52 <b>18</b>	0.81	1.	p,c,4CP52.39A
OT509 OT610	17 05 34 17 05 47	57 <b>1</b> 3 62 <b>0</b> 0	0.43	1 1	p,c,4C57.30,4CP57.30 p,c,4C62.28,4CP62.28
01010	17 05 47	02 00	0.05	1	μ, ε, 4602.20, 46 ε02.20
OT409	17 05 51	45 38	1.22	1	p,4C45.34
OT410	17 06 16	42 10	0.55	1	u, VRO42.17.01
OT511 OT512	17 06 30 17 06 57	55 33	0.39	1	p
OT415	17 08 58	52 03 42 50	0.23 0.38	1 1	p p
OT416	17 09 20	46 09	2.25	1 .	p,c,3C352,4C46.34,NRAO523,DA432
OT417	17 10 16	40 41	0.22	ī	p,n
OT417.4	17 10 25	44 10	0.28	1	p,c
OT418	17 10 30	43 21	0.26	1	p,c,4C43.43,VRO43.17.01
OT518	17 10 53	51 58	0.24	1	p
OT419	17 11 10	45 48	0.24	1	p,c
OT521	17 12 42	53 12	0.20	1	p,n
OT421 OT422	17 12 53 17 13 07	41 51 48 02	0.38 0.19	1 1	p,4C41.33
OT523	17 13 07	57 05	0.19	1	p p
OT523.3	17 13 58	50 07	0.53	1	P
OT623 OT424	17 13 59 17 14 28	62 04 43 <b>43</b>	0.69 0.90	1	p,4C61.33,4CP61.33
OT425	17 14 28	47 13	0.23	1	p,c,4C43.44,VRO43.17.02
OT425.1	17 15 02	45 34	0.21	1	P P
OT426	17 15 30	41 25	0.28	1	p
OT427	1 <b>7 1</b> 5 52	44 13	0.25	1	p,c
OT528	17 17 02	50 <b>53</b>	0.32	1	p
OT429	17 17 33	48 53	0.19	1	P 4050 00
OT529	17 17 35	58 13	0.21	1	p,4C58.33
OT530	17 18 04	54 41	0.29	1	p
OT531	17 18 21	52 16	0.29	1	p
OT632 OT534	17 18 58 17 20 09	61 57 5 <b>7 3</b> 5	0.44 0.24	1	u
OT536	17 22 27	56 26	0.45	1	p,4C56.24,4CP56.24
OT537	1 <b>7 22</b> 37	52 48	0.84	1	p,c,4C53.39,4CP53.39
OT438	17 22 59	45 39	0.21	1	p,c
OT437	17 22 59	48 10	0.26	ī	u,c
OT538	17 23 01	51 02	1.70	1	p,c,3C356,4C51.36,4CP51.36,NRAO526,LHE425
OT438.6	17 23 09	48 52	0.20	1	p,c
OT439	17 23 32	47 06	1.30	1	p,c,4C47.36,LHE426
OT439.5	17 23 42	40 41	0.71	1	p,c,4C40.35,4CP40.35,NRAO527,LHE427, VRO40.17.01
OT440	17 23 51	45 18	0.19	1	u,c
OT640	17 24 09	60 55	0.38	1	p
OT542	17 25 04	54 32	0.30	1	p,c
OT441	17 25 06	44 13	0.42	1	p
OT442	17 25 27	46 48	0.24	1	p,c
OT443	17 25 55	45 39	1.01	1	p,c,4C46.35
OT543	17 26 11	5 <b>2 3</b> 2	0.83	1	u,c,4C52.40,4CP52.40
OT544	17 <b>26</b> . 45	58 42	0.20	1	p
OT445	17 26 53	47 05	0.36	1	u,c
OT545	17 26 53	53 54	0.57	1	p,4C53.40,4CP53.40,LHE429
OT546 OT547	17 26 59 17 27 03	50 19 51 54	0.38 0.28	1	u,c
01347 0T446	17 27 03	44 31	0.23	1	p,c p,c
OT447	17 28 25	45 02	0.47	1	p,c,4C45.35
OT448	17 28 25 17 29 03	43 30	0.47	1	p,4C43.45,VRO43.17.03
OT449	17 29 08	40 59	0.61	1	p,n,4C41.34,VRO41.17.01
OT449.2	17 29 30	49 05	0.53	1	p,c,4C49.29,4CP49.29
OT550	17 29 41	51 <b>5</b> 5	0.36	1	p,c
OT450	17 29 51	49 57	1.35	1	p,c,4C50.43,4CP50.43,LHE430
OT551	17 30 20	51 28	0.46	1	p,c
OT651	17 30 40	61 07	0.61	1	u

Table III (continued)

	Celestial co		C		
Source	$\alpha$ (1950)	δ δ	$S_{1415}$ (f.u.)	Part	Remarks
OT552	17 <sup>h</sup> 31 <sup>m</sup> 27 <sup>s</sup>	+55°56'	0.25	1	n - 3
OT453	17 31 27	43 36	0.23	1	p p,4C43.46,VRO43.17.04
OT453.9	17 32 20	42 30	0.18	1	D
OT454	17 32 47	47 20	0.25	1	p,c,4C47.47
OT455	17 32 58	44 36	0.24	1	p
OT554	17 33 06	58 <b>5</b> 0	0.19	1	p
OT555	17 33 47	52 <b>1</b> 6	0.18	1	b h
OT456	17 33 56	47 48	0.30	1	p,c
OT457	17 33 59	40 23	0.20	1	p,3C361
OT657	17 34 17	60 21	0.28	1	p
OT556	17 34 30	51 17	0.40	1	u,c
OT458	17 34 34	43 02	0.24	1	p,n,NRA0534
OT557	17 34 39	56 51	0.43	1	p
OT558	17 35 00	50 43	0.55	1	p,c
OT560	17 35 45	52 31	0.38	1 1	p,n,4C52.41
OT462	17 37 16	42 47	0.39	1	p,4C42.44,NRA0535,LHE431,VRO42.17.02
OT563	17 37 41	50 33	0.18	ī	p,c
O <b>T463</b>	17 38 16	49 <b>5</b> 5	0.41	1	p,c
OT464	17 38 23	45 10	0.24	1	p
OT564	17 38 30	53 10	0.41	1	p,c,4CP53.41A
O <b>T46</b> 5	17 38 36	47 37	1.16	1	u
OT464.4	17 38 37	41 32	1.01	1	p,c,4C41.35,VRO41.17.02
OT465.1	17 38 56	43 51	0.20	1	p,n
OT466	17 39 19	42 29	0.24	1	p,c,VR042.17.021
O <b>T56</b> 6	17 39 34	52 11	1.15	1	p,c,4C51.37(LS)
OT466.5	17 39 52	44 50	0.38	1	n.
OT466.9	17 40 07	42 04	0.18	1	p p,c
OT467	17 40 17	49 44	0.34	ī	p,c
OT568	17 40 38	54 51	0.43	1	p,c,4C54.37,4CP54.37
OT468	17 41 13	45 58	0.41	1	p
OT469	17 41 26	48 59	0.75	1	p,c,4C48.42,4CP48.42
OT569	17 41 28	54 03	0.28	1	p,c,4C54.38,4CP54.38
OT469.3	17 41 33	48 12	0.26	1	p,c
OT470	17 41 48	42 16	0.19	1	P
OT570	17 42 03	59 <b>1</b> 8	1.14	1	p,4C59.27,4CP59.27,LHE432
OT671	17 42 34	61 46	1.40	1	u,c,4C61.34,4CP61.34
OT471.3	17 42 48	40 19	(0.8)	1	m,p,c,VRO40.17.02
OT471	17 43 09	42 00	0.21	1	p
OT472	17 43 46	48 56	0.35	1	<b>p</b>
OT572	17 43 49	56 33	0.19	1	p,c
OT473	17 43 58	43 57	0.27	1	p,c,VR043.17.05
OT573	17 43 58	55 42	0.77	1	p,c,4C55.33A
OT474	17 44 11	43 03	0.23	1	p,c
O <b>T47</b> 5	17 44 59	46 21	0.18	1	p
O <b>T574</b>	17 45 01	58 <b>2</b> 2	0.27	1	p,n
OT575	17 45 15	52 37	0.41	1	p,c,4C52.42(LS),4CP52.42
OT476	17 45 15	40 50	0.30	1	p,c,4632.42(16),46132.42
OT676	17 45 49	62 31	(0.5)	1	m,p,4C62.29
OT477	17 46 12	47 07	0.66	1	p
O <b>T57</b> 8	17 46 57	51 28	0.30	1	p,n
от478	17 47 23	42 20	0.46	1	u, VRO41.17.03
OT478	17 47 23	48 57	0.40	1	p
OT479.1	17 47 26	44 20	0.31	ī	p,c
OT480	17 47 28	43 24	0.36	1	p,c
OT579	17 47 34	59 43	1.36	1	p,3C363,4C59.28,4CP59.28,NRAO538,DA440
<b>በ</b> ሞ5 ዩ ሰ	17 48 05	55 38	0.18	1	n
OT580 OT581	17 48 05 17 48 19	55 38 54 40	0.18	1	p p,n
OT481	17 48 19	43 41	0.23	1	p,4C43.47,VRO43.17.06
OT483	17 50 02	46 13	0.23	1	p,c
от583	17 50 24	51 12	0.24	1	p,c,n
			0.25	1	
0					p,c
OT584 OT483.9	17 50 26 17 50 43	50 31 43 30	0.25 0.18	1	P

Table III (continued)

		IABLE	LII (commune	*)
Source	Celestial coordina (1950.0) α	ttes $S_{1415}$ $\delta$ $(f.u.)$	Part	Remarks
0T485 0T486 0T486.4 0T488 0T588	17 <sup>h</sup> 51 <sup>m</sup> 16 <sup>s</sup> +45 17 51 42 48 17 51 51 44 17 52 42 45	5°44' 0.22 3 58 0.22 4 09 0.44 5 00 0.77 3 45 1.01	1 1 1 1 1	p,4C45.36 p,c p,c p,c,4C45.37 u,4C58.34,4CP58.34,DA442,LHE434
OT590 OT690 OT490 OT491 OT592	17 54 01 53 17 54 01 60 17 54 01 43 17 54 28 48	3 05 1.23 0 55 0.21 3 59 0.33 8 57 0.33 7 45 0.77	1 1 1 1 1	p,4C53.42,4CP53.42,NRAO540,DA443 p p p
0T492 0T594 0T595 0T495 0T496	17 56 21 53 17 56 49 51 17 57 42 42	5     38     0.39       3     52     0.20       1     12     0.32       2     29     0.34       1     10     0.23	1 1 1 1 1	p,c p,c p p
OT497 OT498 OT499 OT599.5 OT599.7	17 59 00 44 17 59 36 48 17 59 43 53	6 45 0.33 4 37 0.35 8 38 1.08 1 32 0.23 5 10 0.48	1 1 1 1	p,c u,c p,c,4C48.43,4CP48.43,NRAO542 p p,4C55.34,4CP55.34
0U401 0U500 . 4 0U402 0U502 0U503	18 00 12 51 18 00 51 45 18 01 46 51	3 59 (1.0) 7 19 0.20 5 46 0.41 7 21 0.23 8 59 0.28	1 1 1 1	m,p,c u,c p,4C45.11(LS) p,c
0U404 0U504 0U405 0U407 0U408	18 02 29 50 18 02 43 48 18 04 26 40	2 51 0.19 0 43 0.53 8 52 0.59 6 02 0.26 3 21 0.21	1 1 1 1	p p,c,4CP50.43A u,4C49.44,LHE440 p,c
0U408.6 0U609 0U409 0U510 0U511	18 05 22 66 18 05 32 45 18 06 11 55	6 36 0.18 1 40 0.28 2 26 0.24 5 51 0.23 4 21 0.20	1 1 1 1	p,c p,4C61.35 u,c p,c p,c
0U410 0U411 0U512 0U412 0U512.1	18 06 56 41 18 06 56 56 18 07 03 41	8 30 0.94 7 09 0.33 6 29 0.37 5 31 0.34 7 20 0.60	1 1 1 1	p,c,4C48.45,4CP48.45 p,c,4C46.36,4CP47.48 p,c p,c p,c,4C57.31,4CP57.31
0U413 0U513 0U415 0U515 0U516	18 07 49 54 18 09 07 40 18 09 19 50	4 59 0.19 4 28 0.36 0 43 0.47 6 52 0.22 0 00 0.49	1 1 1 1	p,c p,c p,c,4C40.36,4CP40.36,VRO40.18.01 p,c
0U517 0U619 0U419 0U420 0U521	18 11 14 66 18 11 39 47 18 11 42 47	6 22 0.28 0 12 0.28 1 01 0.62 2 59 0.87 5 53 0.31	1 1 1 1	p,c,4CP56.26A u,c p,c,4C41.37,NRAO551,LHE442,VRO41.18.01 p,4C43.48,NRAO550,VRO43.18.01 p,c
0U421 0U522 0U622 0U423 0U524	18 13 04 55 18 13 26 66 18 14 14 45	1 12 0.53 5 13 0.32 0 32 0.57 2 48 0.39 8 23 0.49	1 1 1 1	p,c,4C41.37,NRA0551,LHE442,VRO41.18.01 p,c u,c,4C60.25 p,c,4C42.45,NRA0553,VRO43.18.11 p,c,4C58.35
0U424 0U423.9 0U425 0U525 0U526	18 14 37 4: 18 15 06 4: 18 15 16 5:	4 34 0.54 2 09 0.21 6 01 0.29 6 06 0.29 9 13 0.53	1 1 1 1	p,4C44.29,NRAO554 p,c p,c p p,c,4C59.29,4CP59.29
0U626 0U627 0U426	18 15 46 6	1 31 0.87 0 20 0.26 6 53 0.37	1 1 1	p,c,4CP61.35A,DGVW102 p u,c

Table III (continued)

Celestial coordinates				1.	TABLE 11	(continued	)	=
00427 18 16 43 4 7 28 0 .62 1 1		Source	(1956	0.0)		Part	Remarks	
00428	,						Komuns	
001530 18 17 51 50 29 0.77 1 p, c.c. 505, 44, c.c. 50, 44								
000531 18 18 37								
### Page 18								
00433 18 20 38 41 07 0.33 1 p.c 00434 18 20 38 41 07 0.33 1 p.c 00435 18 21 10 48 29 0.28 1 u 00436 18 21 10 44 26 0.18 1 p.c 00437 18 22 16 43 12 0.23 1 p.n 00437 18 22 16 43 12 0.23 1 p.n 00437 18 22 16 43 12 0.23 1 p.n 00437 18 22 16 43 12 0.23 1 p.n 00437 18 22 16 43 12 0.23 1 p.n 00437 18 22 16 43 12 0.23 1 p.n 00437 18 22 16 43 12 0.23 1 p.n 00438 18 22 24 53 42 0.18 1 p.c 00537 18 22 15 14 12 12 12 12 12 12 12 12 12 12 12 12 12								
00433 18 20 38 41 07 0.33 1 p,c 00436 18 21 10 48 29 0.28 1 u 00436 18 21 10 48 22 0.28 1 u 00437 18 22 16 43 12 0.23 1 p,c 00437 18 22 16 43 12 0.23 1 p,c 00437 18 22 16 43 12 0.23 1 p,c 00437 18 22 16 43 12 0.23 1 p,c 00437 18 22 16 43 12 0.23 1 p,c 00437 18 22 16 43 12 0.23 1 p,c 00437 18 22 16 43 12 0.23 1 p,c 00437 18 22 16 43 12 0.23 1 p,c 00439 18 22 18 49 50 0.19 1 p,c 00439 18 23 13 64 1 0.25 1 p,c 00439 18 23 13 64 1 0.25 1 p,c 00439 18 23 13 64 1 0.25 1 p,c 00430 18 23 13 65 42 1.62 1 p,c 00440 18 24 00 66 39 0.36 1 u,4C46.378,4C57.32,4CF57.32,NRA0563 00541 18 24 00 53 40 0.19 1 p,c 00440 18 20 00 66 39 0.36 1 u,4C46.37 0.00 1 p,c 00441 18 25 51 45 00 0.28 1 p,c,VRO40.18.03 00442 18 25 51 45 00 0.28 1 p,c,VRO40.18.03 00444 18 26 30 40 20 0.45 1 p,c,VRO40.18.03 00444 18 26 30 40 20 0.45 1 p,c,VRO40.18.03 00444 18 28 12 48 41 14.06 1 u,1C380,4C48.46,ACP48.46,NRA0565,AMW45,CT479,DA852,DGWU106,LHEA46 00547 18 28 12 48 41 14.06 1 u,1C380,4C48.46,ACP48.46,NRA0565,AMW45,CT479,DA852,DGWU106,LHEA46 00548 18 23 05 7 30 0.29 1 p,c 00550 18 29 44 58 33 0.21 1 p,c 00551 18 30 35 5 62 33 (0.7) 1 p,c 00551 18 30 35 5 62 33 (0.7) 1 p,c 00551 18 30 45 22 47 24 3.53 1 p,G331,4C47.49,4CP47.49,NRA0568,DA455, 00546 18 23 22 47 24 3.53 1 p,G331,4C47.49,4CP47.49,NRA0568,DA455, 00551 18 30 44 40 35 80 0.29 1 p,c 00551 18 30 44 40 35 80 0.29 1 p,c 00551 18 30 44 40 35 80 0.29 1 p,c 00551 18 30 44 40 35 80 0.29 1 p,c 00551 18 30 44 40 35 80 0.29 1 p,c 00551 18 30 40 40 50 0.25 1 p,c 00551 18 30 40 40 50 0.25 1 p,c 00551 18 30 40 40 50 0.25 1 p,c 00551 18 30 40 40 50 0.25 1 p,c 00551 18 30 40 40 50 0.25 1 p,c 00551 18 30 40 40 50 0.25 1 p,c 00551 18 30 40 40 50 0.25 1 p,c 00551 18 30 40 40 50 0.25 1 p,c 00551 18 30 40 40 50 0.25 1 p,c 00551 18 30 40 40 50 0.25 1 p,c 00551 18 30 40 40 50 0.25 1 p,c 00551 18 30 40 40 50 0.25 1 p,c 00551 18 30 40 40 50 0.25 1 p,c 00551 18 30 40 40 50 0.25 1 p,c 00551 18 30 40 40 50 0.25 1 p,c 00551 18 30 40 40 50 0.25 1 p,c 00551 18 30 40 40 50 0.25 1 p,c 00551 18 30 40 40 50 0.25 1 p,c 00551 18		<b>D</b> U633	18 19 41	61 00	0.33	1	p	
00436 18 21 10 48 29 0.28 1 0 1 0 1 0 1 1 0 1 0 1 1 0 1 0 1 0 1								
00436 18 21 10 44 26 0.18 1 p,c  00437 18 22 16 61 22 0.21 1 p  00437 18 22 16 43 12 0.23 1 p,n  00437 18 22 16 43 12 0.23 1 p,n  00437 18 22 16 43 12 0.23 1 p,n  00437 18 22 17 44 29 0.18 1 p,c  00438 18 22 18 49 50 0.19 1 p,c  00439 18 22 13 49 11 0.25 1 p,c  00439 18 22 13 56 42 1.62 1 p,c,4c56.27,4cP56.27,LHE445  00540 18 23 43 57 41 1.37 1 u,c,3c378,4c57.32,4cF57,32,NRAO563  00540 18 23 43 57 41 1.37 1 u,c,3c378,4c57.32,4cF57,32,NRAO563  00540 18 22 40 53 40 0.19 1 p  00541 18 24 40 53 40 0.19 1 p  00542 18 25 51 45 00 0.28 1 p,c  00542 18 25 51 45 00 0.28 1 p,c  005441 18 26 30 40 20 0.55 1 p,c  005442 18 26 30 40 20 0.55 1 p,c  005441 18 26 30 40 20 0.55 1 p,c  005441 18 28 16 56 46 0.39 1 p,c  00547 18 28 16 56 46 0.39 1 p,c  00548 18 28 30 7 7 30 0.29 1 p,c  00550 18 29 44 38 33 0 0.21 1 p,c  00551 18 30 55 62 33 (0.7) 1 p,c  00551 18 30 55 62 33 (0.7) 1 p,c  00551 18 30 55 62 33 (0.7) 1 p,c  00551 18 30 55 62 33 (0.7) 1 p,c  00551 18 30 55 62 33 (0.7) 1 p,c  00551 18 30 55 62 33 (0.7) 1 p,c  00551 18 30 55 62 33 (0.7) 1 p,c  00551 18 30 55 62 33 (0.7) 1 p,c  00551 18 30 44 45 1 0.62 1 p,c,c  00551 18 30 44 51 0.62 1 p,c  00551 18 30 44 51 0.62 1 p,c  00551 18 30 45 40 51 51 53 0.21 1 p,c  00551 18 30 44 51 0.62 1 p,c  00551 18 30 55 62 33 (0.7) 1 p,c  00551 18 30 44 51 0.62 1 p,c  00551 18 30 55 62 33 (0.7) 1 p,c  00551 18 30 44 51 0.62 1 p,c  00551 18 30 44 51 0.62 1 p,c  00551 18 30 44 45 10 0.20 1 p  00551 18 30 44 45 11 0.62 1 p,c  00551 18 30 44 45 11 0.62 1 p,c  00551 18 30 44 45 11 0.62 1 p,c  00551 18 30 44 45 11 0.62 1 p,c  00551 18 30 40 40 51 51 51 50 0.63 1 p,c  00551 18 30 40 40 51 51 51 51 51 51 51 51 51 51 51 51 51								
00637 18 21 56 61 22 0.21 1 p, 1 00437.2 18 22 16 43 12 0.23 1 p, 1 00437.2 18 22 17 44 29 0.18 1 p, 1 00437.2 18 22 17 44 29 0.18 1 p, 6 00537 18 22 24 53 42 0.45 1 p, 6 00539 18 23 13 49 11 0.25 1 p, 6 00399 18 23 13 49 11 0.25 1 p, 6 00399 18 23 18 56 42 1.62 1 p, 6, 6C56.27, 4CP56.27, 1HE445 0U540 18 23 43 57 41 1.37 1 u, 6, 3O378, 4C67.32, 4CP57.32, NRAO563 0U540 18 24 40 53 40 0.19 1 p 00440 18 24 40 53 40 0.19 1 p 00441 18 25 51 45 00 0.28 1 p, 6 00442 18 25 51 45 00 0.28 1 p, 6 00444 18 26 30 40 20 0.45 1 p, 6, VRAO5.84 1 p, 6, VRAO5.85								
ON437.2 18 22 16				(1.22				
OU437.2 18 22 17								
OU537 18 22 24 53 42 0.45 1 p,4c53.43,4cP53.43 OU438 18 22 58 49 50 0.19 1 p,c OU439 18 23 13 49 11 0.25 1 p,c OU539 18 23 18 56 42 1.62 1 p,c,4c56.27,4cP56.27,LHE445 OU540 18 23 43 00 46 39 0.36 1 u,4c46.37 OU541 18 24 40 0.53 40 0.19 1 p OU643 18 25 54 60 01 0.30 1 p,n,4cF59.29A OU442 18 25 51 45 00 0.28 1 p,c OU442 18 25 59 45 00 0.28 1 p,c OU443 18 26 30 40 20 0.45 1 p,c,vRO40.18.03 OU444 18 26 37 42 00 0.28 1 p,c OU444 18 26 37 42 00 0.28 1 p,c OU547 18 28 12 48 41 14.06 1 CTATP, DAS52,DCWU06,LHE446 OU547 18 28 16 56 46 0.59 1 p,c OU547 18 28 16 56 46 0.59 1 p,c OU548 18 28 30 57 30 0.29 1 p,c,NRA0566 OU550 18 29 44 58 33 0.21 1 p,c OU551 18 30 35 56 23 33 0.21 1 p,c OU551 18 30 35 56 23 33 0.21 1 p,c OU552 18 30 51 51 53 0.21 1 p,c OU553 18 31 18 51 34 9 0.22 1 p,c OU554 18 32 22 47 24 72 3.53 1 p,3CB214,4c47.49,4cP47.49,NRA0568,DA455,DU454 18 22 22 47 24 3.53 1 p,3CB214,4c47.49,4cP47.49,NRA0568,DA455,DU457 18 34 12 47 03 0.25 1 p,c OU557 18 34 12 47 03 0.25 1 p,c OU557 18 34 12 47 03 0.25 1 p,c OU458 18 34 44 43 58 0.29 1 p,c,4c61.36,4cP61.36 OU557 18 34 40 0 41 55 0.43 1 p,c OU457 18 34 13 0.59 84 9 0.22 1 p,c OU557 18 34 29 0.25 1 p,c OU557 18 34 40 0 41 55 0.43 1 p,c OU557 18 34 11 61 20 0.76 1 p,c OU557 18 34 29 0.25 1 p,c OU558 18 33 13 13 13 13 13 13 13 13 13 13 13 13								
OU439 18 23 13 49 11 0.25 1 p,c  OU539 18 23 13 49 11 0.25 1 p,c  OU539 18 23 18 56 42 1.62 1 p,c,4c56.27,4CP56.27,LHE445  OU540 18 23 43 57 41 1.37 1 u,c,3c378,4c57.32,4cP57.32,NRAO563  OU541 18 24 00 66 39 0.36 1 u,4c66.37  OU541 18 25 34 60 01 0.30 1 p,n,4CP59.29A  OU442 18 25 31 45 00 0.28 1 p  OU442 18 25 59 41 06 0.21 1 p,c  OU443 18 26 30 40 20 0.45 1 p,c,VRO40.18.03  OU444 18 26 50 40 20 0.28 1 p,c  OU444 18 26 50 40 20 0.28 1 p,c  OU444 18 26 50 7 42 00 0.28 1 p,c  OU551 18 30 33 56 64 67 0.59 1 0.50 1 p,c  OU550 18 20 48 41 14.06 1 u,3c380,4c48.46,4cP48.46,NRAO565,AMWM45,CTA79,DA52,DGWM106,LHE446  OU550 18 20 40 88 33 0.21 1 p,c  OU551 18 30 55 66 66 0.59 1 p,c  OU552 18 30 51 51 53 0.21 1 p,c  OU553 18 30 51 51 53 0.21 1 p,c  OU553 18 30 11 41 01 0.20 1 p  OU553 18 31 18 53 49 0.22 1 p,c  OU455 18 32 22 47 24 3.53 1 p,c,4c62.30,4cP62.30  OU457 18 34 13 00 41 55 0.43 1 p,c,4c62.30,4cP62.30  OU457 18 34 13 40 59 0.22 1 p,c  OU457 18 34 13 40 59 0.22 1 p,c  OU457 18 34 13 40 59 0.29 1 p,c  OU457 18 34 13 40 59 0.29 1 p,c  OU457 18 34 13 40 59 0.29 1 p,c  OU457 18 34 13 40 59 0.29 1 p,c  OU458 18 34 44 43 58 0.29 1 p,c  OU459 18 34 14 40 10 0.20 1 p  OU559 18 34 13 40 59 0.29 1 p,c  OU457 18 34 13 40 59 0.29 1 p,c  OU458 18 34 14 40 43 58 0.29 1 p,c  OU459 18 34 13 40 59 0.29 1 p,c  OU459 18 34 13 40 59 0.29 1 p,c  OU559 18 34 13 40 59 0.29 1 p,c  OU559 18 34 13 40 59 0.29 1 p,c  OU559 18 34 13 60 10 0.43 1 p,c,4c61.36,4cP61.36  OU559 18 35 11 53 12 0.35 1 p  OU559 18 34 54 66 60 10 0.43 1 p,c,4c61.36,4cP61.36  OU559 18 35 31 35 31 0.31 0.19 1 p  OU559 18 34 51 61 20 0.76 1 u,c  OU559 18 37 50 50 14 0.38 1 p,c,4c61.36,4cP61.36  OU551 18 37 63 60 00 0.28 1 p,c,nc,nc  OU552 18 37 60 50 12 0.29 1 p,c,4c62.38,NRAO575  OU5561 18 37 63 66 67 0.22 1 p,c  OU5561 18 37 63 66 67 0.22 1 p,c  OU5561 18 37 63 66 67 0.22 1 p,c  OU5561 18 37 63 66 67 0.22 1 p,c  OU5561 18 37 63 66 67 0.22 1 p,c  OU5561 18 37 63 66 67 0.22 1 p,c  OU5561 18 37 63 66 67 0.22 1 p,c  OU5561 18 37 60 67 0.22 1 p,c  OU5561 18 37 60 67 0.22 1								
00590		o <b>u438</b>	18 22 58	49 50	0.19	1		
001540 18 24 40 53 40 0.19 1 1 u, c. 10378, 4.057.32, 4.0757.32, NRAO563 001541 18 24 40 53 40 0.19 1 p 1 p 4.646.37   001643 18 25 34 60 01 0.30 1 p, 4.646.37   001642 18 25 59 41 06 0.21 1 p, c. 001642 18 26 37 42 00 0.28 1 p p 4.0642.18 26 37 42 00 0.28 1 p, c. 001644 18 26 37 42 00 0.28 1 p, c. 001644 18 26 37 42 00 0.28 1 p, c. 001644 18 26 37 42 00 0.28 1 p, c. 001644 18 26 37 42 00 0.28 1 p, c. 001644 18 26 37 42 00 0.28 1 p, c. 00164 18 28 10 0.00 0.28 1 p, c. 00164 18 28 10 0.00 0.28 1 p, c. 00164 18 28 10 0.00 0.28 1 p, c. 00164 18 28 10 0.00 0.29 1 p, c. 00165 18 29 44 58 33 0.21 1 p, c. 00165 18 29 44 58 33 0.21 1 p, c. 00165 18 29 44 58 33 0.21 1 p, c. 00165 18 29 44 58 33 0.21 1 p, c. 00165 18 29 44 58 33 0.21 1 p, c. 00165 18 29 44 58 33 0.21 1 p, 00165 18 29 44 58 33 0.21 1 p, 00165 18 29 44 58 33 0.21 1 p, 00165 18 29 44 58 33 0.21 1 p, 00165 18 29 44 58 33 0.21 1 p, 00165 18 29 44 58 33 0.21 1 p, 00165 18 30 33 54 27 0.18 1 p, 00165 18 30 35 62 33 (0.7) 1 m, 0016 18 18 30 55 62 33 (0.7) 1 m, 0016 18 18 30 55 62 33 (0.7) 1 m, 0016 18 20 47 24 3.53 1 p, 3038 1, 4047.49, 407		OU439	18 23 13	49 11	0.25	1	p,c	
OUMAN 18 24 00								
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OU456 18 34 02 41 55 0.43 1 p,c,4C41.38,VRO42.18.02,LHE453 OU457 18 34 13 40 59 0.29 1 p,c OU457.3 18 34 21 47 03 0.25 1 p,c OU557 18 34 29 58 49 0.25 1 p OU458 18 34 44 43 58 0.29 1 p,n OU459 18 34 46 48 31 0.19 1 p,n OU658 18 34 48 62 01 0.43 1 p,c,4C61.36,4CP61.36 OU659 18 34 51 61 20 0.76 1 u,c OU557.9 18 34 54 51 31 0.19 1 p OU558 18 35 31 53 12 0.35 1 p OU559 18 35 31 53 12 0.35 1 p OU661 18 36 44 60 06 0.24 1 u,4C60.26 OU561 18 37 23 56 00 0.28 1 p,c,n OU460 18 37 43 40 45 0.20 1 p OU462 18 37 44 45 37 0.56 1 p,c,n OU463 18 37 58 46 57 0.22 1 p,c OU563 18 38 01 57 41 0.21 1 p,c OU465 18 39 06 40 36 0.38 1 p,c,4C40.38,VRO40.18.04							p,3C381,4C47.49,4CP47.49,NRAO568,DA455,	
OU456 18 34 02 41 55 0.43 1 p,c,4C41.38,VRO42.18.02,LHE453 OU457 18 34 13 40 59 0.29 1 p,c OU457.3 18 34 21 47 03 0.25 1 p,c OU557 18 34 29 58 49 0.25 1 p OU458 18 34 44 43 58 0.29 1 p,n OU459 18 34 46 48 31 0.19 1 p,n OU658 18 34 48 62 01 0.43 1 p,c,4C61.36,4CP61.36 OU659 18 34 51 61 20 0.76 1 u,c OU557.9 18 34 54 51 31 0.19 1 p OU558 18 35 31 53 12 0.35 1 p OU559 18 35 31 53 12 0.35 1 p OU661 18 36 44 60 06 0.24 1 u,4C60.26 OU561 18 37 23 56 00 0.28 1 p,c,n OU460 18 37 43 40 45 0.20 1 p OU462 18 37 44 45 37 0.56 1 p,c,n OU463 18 37 58 46 57 0.22 1 p,c OU563 18 38 01 57 41 0.21 1 p,c OU465 18 39 06 40 36 0.38 1 p,c,4C40.38,VRO40.18.04		011/ 55	10 22 27	// 51	0.62	,	_	
0U457       18       34       13       40       59       0.29       1       p,c         0U457.3       18       34       21       47       03       0.25       1       p,c         0U557       18       34       29       58       49       0.25       1       p,c         0U458       18       34       44       43       58       0.29       1       p,n         0U659       18       34       46       48       31       0.19       1       p,n         0U559       18       34       51       61       20       0.76       1       u,c         0U557.9       18       34       54       51       31       0.19       1       p         0U558       18       35       22       50       14       0.38       1       p         0U559       18       35       31       53       12       0.35       1       p         0U661       18       36       44       60       06       0.24       1       u,4c60.26         0U561       18       37       43       40       45       37       0.56       1<								
0U457.3       18 34 21       47 03       0.25       1       p,c         0U557       18 34 29       58 49       0.25       1       p         0U458       18 34 44       43 58       0.29       1       p         0U459       18 34 46       48 31       0.19       1       p,n         0U658       18 34 48       62 01       0.43       1       p,c,4c61.36,4cP61.36         0U559       18 34 51       61 20       0.76       1       u,c         0U557.9       18 34 54       51 31       0.19       1       p         0U558       18 35 31       53 12       0.35       1       p         0U559       18 35 31       53 12       0.35       1       p         0U559       18 35 31       53 12       0.35       1       p         0U561       18 36 44       60 06       0.24       1       u,4c60.26         0U561       18 37 43       40 45       0.20       1       p         0U460       18 37 43       40 45       0.20       1       p         0U562       18 37 50       52 12       0.29       1       p,4c52.43,4cP52.43         0U463							•	
OU458 18 34 44 43 58 0.29 1 p,n OU459 18 34 46 48 31 0.19 1 p,n OU658 18 34 48 62 01 0.43 1 p,c,4C61.36,4CP61.36 OU659 18 34 51 61 20 0.76 1 u,c OU557.9 18 34 54 51 31 0.19 1 p  OU558 18 35 22 50 14 0.38 1 p OU559 18 35 31 53 12 0.35 1 p OU661 18 36 44 60 06 0.24 1 u,4C60.26 OU561 18 37 23 56 00 0.28 1 p,c,n OU460 18 37 43 40 45 0.20 1 p  OU462 18 37 44 45 37 0.56 1 p,c,n OU462 18 37 50 52 12 0.29 1 p,4C52.43,4CP52.43 OU463 18 37 58 46 57 0.22 1 p,c OU563 18 38 01 57 41 0.21 1 p,c OU465 18 39 06 40 36 0.38 1 p,c,4C40.38,VR040.18:04				47 03				
0U459       18       34       46       48       31       0.19       1       p,n         0U658       18       34       48       62       01       0.43       1       p,c,4c61.36,4cP61.36         0U559       18       34       51       61       20       0.76       1       u,c         0U557.9       18       34       54       51       31       0.19       1       p         0U558       18       35       22       50       14       0.38       1       p         0U559       18       35       31       53       12       0.35       1       p         0U661       18       36       64       60       66       0.24       1       u,4c60.26         0U561       18       37       23       56       00       0.28       1       p,c,n         0U460       18       37       43       40       45       0.20       1       p         0U562       18       37       50       52       12       0.29       1       p,4c52.43,4cP52.43         0U463       18       37       58       46       57       0.22		OU557	18 34 29	58 49	0.25	1	p '	
0U459       18       34       46       48       31       0.19       1       p,n         0U658       18       34       48       62       01       0.43       1       p,c,4c61.36,4cP61.36         0U559       18       34       51       61       20       0.76       1       u,c         0U557.9       18       34       54       51       31       0.19       1       p         0U558       18       35       22       50       14       0.38       1       p         0U559       18       35       31       53       12       0.35       1       p         0U661       18       36       64       60       66       0.24       1       u,4c60.26         0U561       18       37       23       56       00       0.28       1       p,c,n         0U460       18       37       43       40       45       0.20       1       p         0U562       18       37       50       52       12       0.29       1       p,4c52.43,4cP52.43         0U463       18       37       58       46       57       0.22		011458	18 34 44	43 58	0.29	1	<b>p</b>	
0U659       18       34       51       61       20       0.76       1       u,c         0U557.9       18       34       54       51       31       0.19       1       p         0U558       18       35       22       50       14       0.38       1       p         0U559       18       35       31       53       12       0.35       1       p         0U661       18       36       44       60       06       0.24       1       u,4C60.26         0U561       18       37       23       56       00       0.28       1       p,c,n         0U460       18       37       43       40       45       0.20       1       p         0U562       18       37       54       45       37       0.56       1       p,c,4C45.38,NRA0575         0U562       18       37       58       46       57       0.22       1       p,c         0U563       18       38       01       57       41       0.21       1       p,c         0U465       18       39       06       40       36       0.38       1							p,n	
OU557.9       18 34 54       51 31       0.19       1       p         OU558       18 35 22       50 14       0.38       1       p         OU559       18 35 31       53 12       0.35       1       p         OU661       18 36 44       60 06       0.24       1       u,4C60.26         OU561       18 37 23       56 00       0.28       1       p,c,n         OU460       18 37 43       40 45       0.20       1       p         OU462       18 37 44       45 37       0.56       1       p,c,4C45.38,NRA0575         OU562       18 37 50       52 12       0.29       1       p,4C52.43,4CP52.43         OU463       18 37 58       46 57       0.22       1       p,c         OU563       18 38 01       57 41       0.21       1       p,c         OU465       18 39 06       40 36       0.38       1       p,c,4C40.38,VR040.18:04								
OU558 18 35 22 50 14 0.38 1 p OU559 18 35 31 53 12 0.35 1 p OU661 18 36 44 60 06 0.24 1 u,4C60.26 OU561 18 37 23 56 00 0.28 1 p,c,n OU460 18 37 43 40 45 0.20 1 p  OU462 18 37 44 45 37 0.56 1 p,c,4C45.38,NRA0575 OU562 18 37 50 52 12 0.29 1 p,4C52.43,4CP52.43 OU463 18 37 58 46 57 0.22 1 p,c OU563 18 38 01 57 41 0.21 1 p,c OU465 18 39 06 40 36 0.38 1 p,c,4C40.38,VRO40.18.04								
0U559       18 35 31       53 12       0.35       1       p         0U661       18 36 44       60 06       0.24       1       u,4c60.26         0U561       18 37 23       56 00       0.28       1       p,c,n         0U460       18 37 43       40 45       0.20       1       p         0U462       18 37 44       45 37       0.56       1       p,c,4c45.38,NRA0575         0U562       18 37 50       52 12       0.29       1       p,4c52.43,4cP52.43         0U463       18 37 58       46 57       0.22       1       p,c         0U563       18 38 01       57 41       0.21       1       p,c         0U465       18 39 06       40 36       0.38       1       p,c,4C40.38,VR040.18.04							P	
0U661       18       36       44       60       06       0.24       1       u,4C60.26         0U561       18       37       23       56       00       0.28       1       p,c,n         0U460       18       37       43       40       45       0.20       1       p         0U462       18       37       44       45       37       0.56       1       p,c,4C45.38,NRA0575         0U562       18       37       50       52       12       0.29       1       p,4C52.43,4CP52.43         0U463       18       37       58       46       57       0.22       1       p,c         0U563       18       38       01       57       41       0.21       1       p,c         0U465       18       39       06       40       36       0.38       1       p,c,4C40.38,VR040.18.04								
0U561       18       37       23       56       00       0.28       1       p,c,n         0U460       18       37       43       40       45       0.20       1       p         0U462       18       37       44       45       37       0.56       1       p,c,4C45.38,NRA0575         0U562       18       37       50       52       12       0.29       1       p,4C52.43,4CF52.43         0U463       18       37       58       46       57       0.22       1       p,c         0U563       18       38       01       57       41       0.21       1       p,c         0U465       18       39       06       40       36       0.38       1       p,c,4C40.38,VR040.18.04								
OU460     18     37     43     40     45     0.20     1     p       OU462     18     37     44     45     37     0.56     1     p,c,4C45.38,NRA0575       OU562     18     37     50     52     12     0.29     1     p,4C52.43,4CP52.43       OU463     18     37     58     46     57     0.22     1     p,c       OU563     18     38     01     57     41     0.21     1     p,c       OU465     18     39     06     40     36     0.38     1     p,c,4C40.38,VR040.18.04							·	
0U562     18 37 50     52 12     0.29     1     p,4C52.43,4CP52.43       0U463     18 37 58     46 57     0.22     1     p,c       0U563     18 38 01     57 41     0.21     1     p,c       0U465     18 39 06     40 36     0.38     1     p,c,4C40.38,VR040.18.04								
0U562     18 37 50     52 12     0.29     1     p,4C52.43,4CP52.43       0U463     18 37 58     46 57     0.22     1     p,c       0U563     18 38 01     57 41     0.21     1     p,c       0U465     18 39 06     40 36     0.38     1     p,c,4C40.38,VR040.18.04		011/462	18 37 //	45 37	0.56	7	n c 4C45.38 NRAO575	
0U463     18 37 58     46 57     0.22     1     p,c       0U563     18 38 01     57 41     0.21     1     p,c       0U465     18 39 06     40 36     0.38     1     p,c,4C40.38,VR040.18.04								
0U563       18 38 01       57 41       0.21       1       p,c         0U465       18 39 06       40 36       0.38       1       p,c,4C40.38,VR040.18.04				46 57	0.22	1		
		ou <b>563</b>						
01466 18 39 33 41 38 0.67 1 p.c. VR042.18.04		00403						
		00466	18 39 33	41 38	0.67	1	p,c,VR042.18.04	
0U565     18 39 52     58 49     0.37     1     p,n       0U566     18 39 59     54 45     0.72     1     p,c,4C54.39,4CP54.39							p, n p, c, 4054, 39, 40P54, 39	
00366 18 39 39 34 43 0.72 1 p,c,4034.33,40134.33								
0U567.4 18 40 26 53 51 0.26 1 p,c								
0U468 18 40 56 42 58 0.49 1 u,c		оц468	18 40 56	42 58	0.49	1	u,c	
OU568 18 41 02 50 18 0.25 1 p,c								

Table III (continued)

Celestial coordinates			e e		
Source	$\alpha$ (1950)	δ	$S_{1415}$ (f.u.)	Part	Remarks
0U569 0U669 0U470 0U471	18 <sup>h</sup> 41 <sup>m</sup> 21 <sup>s</sup> 18 41 36 18 42 02 18 42 34	+53°15' 60 50 43 18 45 28	0.34 0.18 0.75 5.80	1 1 1	p,c p u,c,VRO43.18.03 p,3C388,4C45.39,4CP45.39,NRAO577,
00471	18 43 05	52 12	0.18	1	CTA82,DA462,LHE458 u,n
OU673	18 43 43	61 11	0.34	1	
0U573 0U574 0U474 0U675	18 44 03 18 44 17 18 44 40 18 44 56	54 37 58 02 45 59 62 06	0.20 0.27 0.27 0.34	1 1 1 1	p,c p p,n u u,c
0U575 0U475 0U576 0U478 0U479	18 45 10 18 45 14 18 45 24 18 46 50 18 47 44	56 05 42 48 50 38 47 27 46 52	0.21 0.25 0.37 0.20 0.18	1 1 1 1	p,n e p,4C50.45 p,c,n p,c
0U480 0U580 0U481 0U581 0U482	18 48 01 18 48 07 18 48 18 18 48 37 18 48 43	42 24 58 57 43 12 57 46 48 28	0.23 0.23 0.24 0.65 0.18	1 1 1 1	p,c p p,c p,4C57.33,4CP57.33 p,4C48.47
0U484 0U485 0U486 0U586 0U687	18 50 26 18 50 33 18 51 18 18 51 35 18 52 04	41 51 41 08 47 17 51 50 61 07	0.23 0.22 0.24 0.33 0.62	1 1 1	p,c p,c p p
0U487 0U488 0U588 0U588.1 0U589	18 52 06 18 52 33 18 52 37 18 52 42 18 53 11	45 19 41 06 53 49 58 45 54 34	0.75 0.18 0.40 0.21 0.23	1 1 1 1	p,4C45.40 p p,c p,4CP58.35A p,c
0U489 0U590 0U590.2 0U491 0U592	18 53 14 18 53 59 18 54 05 18 54 44 18 54 58	43 41 50 30 52 29 42 46 53 34	0.26 0.66 0.23 0.90 1.18	1 1 1 1	p p,n,4C50.46 p,c u,4C42.46 p,c,4C53.44,4CP53.44
0U492 0U593 0U493 0U693 0U494	18 55 00 18 55 45 18 55 50 18 55 51 18 55 58	48 35 52 51 49 10 60 32 46 03	0.22 0.87 0.30 0.24 0.39	1 1 1 1	u,c p,c,3C393,4C52.44,4CP52.44,NRAO586. p,c p,4C60.27,4CP60.27 p,c,4C46.38
0U594 0U595 0U596 0U497 0U498	18 56 56 18 57 32 18 57 37 18 58 17 18 58 32	51 42 56 46 51 15 44 16 48 06	0.20 1.31 0.39 0.23 0.24	1 1 1 1	p,c p,4C56.28,4CP56.28,LHE462 p,c p
OU598 OU499 OU499.3 OU599 OV401	18 58 48 18 59 18 18 59 34 18 59 59 19 00 28	58 39 46 58 44 32 59 51 45 20	1.14 0.23 0.35 0.50 0.24	1 1 1 1	p,c,4C58.36,4CP58.36 p p,c p,c,4C59.30,4CP59.30 p,c
0V402 0V402.7 0V403 0V503 0V505	19 00 51 19 01 38 19 01 51 19 01 54 19 02 12	42 53 42 00 44 26 55 15 52 26	0.27 0.18 0.23 0.54 0.21	1 1 1 1	p p,c p,4C44.30 p,4C55.35,4CP55.35 p,c
0V504 0V404 0V405 0V608 0V407	19 02 12 19 02 41 19 03 04 19 04 32 19 04 37	56 53 42 22 49 39 60 13 47 52	0.27 0.30 0.78 0.38 0.23	1 1 1 1	p,4C56.29(LS) p,c p,c,4C49.30,4CP49.30 p,n p
0V408 0V510 0V511	19 04 44 19 06 48 19 06 55	44 59 52 48 56 39	0.68 0.26 0.28	1 1 1	p,4C44.30 p,c p

Table III (continued)

			TABLE III	(continuea)	
	Celestial co		Q		
 Source	α (1930	δ	$S_{1415}$ (f.u.)	Part	Remarks
0V512 0V514 0V414 0V515 0V416	19 <sup>h</sup> 07 <sup>m</sup> 23 <sup>s</sup> 19 08 03 19 08 26 19 09 16 19 09 25	+53°44' 55 31 48 34 51 43 46 58	0.24 0.21 0.25 1.22 0.27	1 1 1 1	p,c p,n p p,4C51.39,4CP51.39 p,n
0V417 0V418 0V518 0V419 0V619	19 09 52 19 10 50 19 10 52 19 11 17 19 11 23	42 10 44 11 50 50 45 19 60 30	0.20 0.45 0.23 0.21 0.29	1 1 1 1	p p,4C44.32 p,c,n u p,4C60.28,4CP60.28
0V519 0V520 0V419.8 0V420 0V420.1	19 11 26 19 11 43 19 11 51 19 11 54 19 12 03	56 54 50 18 47 57 41 53 47 17	0.40 0.23 0.36 0.78 0.25	1 1 1 1	u p,c p,c p p,c
0V521 0V521.1 0V421 0V522 0V622	19 12 24 19 12 25 19 12 48 19 13 02 19 13 18	54 49 51 29 43 49 53 02 62 03	0.20 0.20 1.22 0.32 0.54	1 1 1 1	p p,n u,4C43.49,LHE469 p,c,4C52.45,4CP52.45 p,4C62.31,4CP62.31
0V423 0V524 0V524.1 0V525 0V423.9	19 13 47 19 14 19 19 14 26 19 14 33 19 14 40	47 51 53 19 53 50 54 42 42 13	0.18 0.42 0.22 0.28 0.18	1 1 1 1	p,c u,c,4C53.45,NRAO604 p,c p p,c
0V424 0V425 0V526 0V427 0V527	19 14 48 19 15 07 19 15 43 19 15 56 19 16 45	45 33 40 57 55 40 42 07 59 18	0.27 0.22 0.93 0.35 0.20	1 1 1 1	p,c,4C45.41 p p,c,4C55.36,4CP55.36,NRAO606,DA478 p,c
0V528 0V429 0V530 0V430 0V531	19 16 58 19 17 21 19 17 57 19 18 10 19 18 51	55 11 44 43 51 42 45 34 57 12	0.24 0.25 0.42 0.28 0.25	1 1 1 1	p,c p,c,4C44.33 p p,c p,c
0V532 0V431 0V532.6 0V432 0V433	19 18 54 19 18 56 19 19 34 19 19 39 19 19 44	54 27 48 40 56 46 43 37 47 54	0.25 0.22 0.21 0.65 0.64	1 1 1 1	p,c p,c p,c u p,c,4C47.51,4CP47.51
OV533 OV634 OV535 OV435 OV535.3	19 19 45 19 20 39 19 20 42 19 20 54 19 21 11	53 57 60 12 52 59 46 36 53 52	0.33 0.26 0.47 0.18 0.19	1 1 1 1	p,c u p,c,4C52.46,4CP52.46 p p,c
OV536 OV437 OV536.9 OV438 OV537	19 21 26 19 22 00 19 22 12 19 22 47 19 22 49	55 55 47 37 56 41 47 05 53 10	0.66 0.21 0.19 0.30 0.30	1 1 1 1	p,c,4C55.37,4CP55.37,NRAO609 p,c p,c u,c p,c
OV439 OV539 OV540 OV541 OV441	19 23 22 19 23 46 19 23 48 19 24 26 19 24 48	49 17 53 49 58 58 55 01 48 56	0.24 0.43 0.39 0.31 0.22	1 1 1 1 1	p,c p,c p,n,4C59.31 u p,c,4C49.31
OV541.5 OV442 OV442.2 OV443 OV444	19 24 52 19 25 06 19 25 18 19 26 35 19 26 36	50 49 43 17 46 07 42 00 44 15	0.80 0.20 0.21 0.58 0.32	1 1 1 1	p,4C50.47,4CP50.47 p,c u,c p,n p,c
OV445 OV645 OV446 OV546	19 26 52 19 27 09 19 27 22 19 27 30	43 40 60 53 40 15 55 58	0.30 0.31 0.18 0.19	1 1 1	p,c u p,c p

Table III (continued)

	Celestial co-	ordinates	$S_{1415}$		
Source	α (1700	δ	(f.u.)	Part	Remarks
0V447 0V448 0V449 0V549 0V549.4	19 <sup>h</sup> 28 <sup>m</sup> 36 <sup>s</sup> 19 29 13 19 29 26 19 29 35 19 29 37	+46°19' 47 47 42 58 57 52 56 10	0.38 0.39 0.24 0.29 0.19	1 1 1 1	p p p p
0V550 0V550.3 0V451 0V551 0V453	19 29 52 19 30 12 19 30 37 19 30 50 19 31 34	59 31 52 35 44 47 54 24 48 04	0.38 0.19 (1.2) 0.62 0.22	1 1 1 1	p,n p,n m p,4C54.40(LS) p,c,4C48.48,LHE475
0V454 0V456 0V657 0V558 0V559	19 32 26 19 33 42 19 34 25 19 34 50 19 35 10	46 57 43 17 61 21 55 39 52 29	(0.5) (0.6) 0.19 0.26 0.26	1 1 1 1 1	m,c m p,n p
0V560 0V561 0V465 0V566 0V666	19 36 14 19 36 47 19 39 02 19 39 38 19 39 41	52 50 52 10 45 57 51 37 60 35	0.23 0.45 0.34 0.45 5.31	1 1 1 1	p,c p,c,n p p,c p,c,3C401,4C60.29,4CP60.29,NRA0612,CTA85, DA489,LHE477
0V568 0V471 0V572 0V573 0V472	19 41 05 19 42 54 19 42 55 19 43 18 19 43 25	52 45 47 56 55 57 54 40 46 40	0.35 0.26 0.25 (1.8) 0.29	1 1 1 1	p,c,4CP42.46A p p,c,n m,p,c p
0V574 0V479 0V581 0V580 0V681	19 44 19 19 47 42 19 48 24 19 48 25 19 48 46	57 27 48 37 51 18 55 42 61 03	0.34 (1.3) (0.5) 0.32 0.55	1 1 1 1	p m m,u p u
0V582 0V583 0V583.3 0V483 0V586	19 49 15 19 49 54 19 49 58 19 49 58 19 51 52	53 01 57 12 51 50 47 43 58 09	0.50 0.67 0.33 0.36 0.46	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	p p,c p,c p,c p
0V587 0V588 0V591 0V691 0V493	19 52 24 19 52 40 19 54 19 19 54 25 19 55 28	53 36 54 38 51 29 60 11 47 48	0.31 0.27 (1.5) 0.23 0.23	1 1 1 1	p,c p,c m,p,c,LHE479 p p,c
0V593 0V594 0V497 0V598 0W600	19 56 59 19 57 06 19 58 13 19 58 36 20 00 04	54 38 51 47 48 12 55 04 61 15	0.41 1.25 0.31 0.18 0.19	1 1 1 1	p,c p,4C51.40,4CP51.40 p p,c p
0W503 0W505 0W506 0W507 0W608	20 02 01 20 02 38 20 04 17 20 04 28 20 04 45	51 06 52 09 57 47 58 38 62 03	1.16 0.24 0.28 0.43 0.26	2 2 2 2 1	p,4C50.50 p p,c p,n,4C58.37,4CP58.37
OW508 OW509.7 OW509 OW511 OW513	20 05 33 20 05 48 20 06 16 20 06 20 20 07 34	53 35 54 38 52 22 51 07 52 04	0.19 0.26 0.22 0.25 0.83	2 2 2 2 2	p p,n p,c p p,c,3C408,4C52.47,4CP52.47,NRA0624
OW514 OW516 OW618 OW517 OW518	20 07 55 20 09 37 20 10 39 20 10 46 20 10 50	50 11 53 44 61 13 53 16 54 13	0.49 0.19 0.61 0.22 0.27	2 2 1 2 2	p,n,4C50.51,4CP50.51 p p,c p,n p
OW621 OW521 OW522	20 12 40 20 13 02 20 13 45	61 09 50 38 58 35	0.45 0.35 0.54	1 2 2	u,c u p

Table III (continued)

	Celestial co		$S_{1415}$		
Source	α (1930	δ	(f.u.)	Part	Remarks
OW523	20h13m57s	+52°50'	0.45	2	p
OW523.8 OW524.4	20 14 15 20 14 18	54 48 55 59	0.22 0.35	2 2	p,c
OW624	20 14 18	60 17	0.20	1	p,c u,c
OW625	20 14 34	62 07	(0.4)	1	m,p
OW525	20 14 37	5 <b>6 5</b> 0	0.21	2	_
OW626	20 14 41	61 10	0.56	1	p u,c
OW524	20 14 46	55 36	0.35	2	p,c,4C55.38(LS)
OW526 OW428	20 16 10 20 16 44	53 20 49 11	0.27 0.31	2 2	p p
0W530 0W532	20 18 06	54 23	0.23	2	p,c,4C54.41
OW532	20 18 59 20 20 03	54 50 51 12	0.20 0.24	2 2	p,c p
OW634	20 20 29	60 43	0.22	1	p,c
OW534	20 21 00	57 00	0.20	2	P
OW637	20 21 18	61 32	(2.2)	1	m,p,c
ow535.5	20 21 18	54 21	0.29	2	- p,c
OW535 OW536	20 21 18	53 16 55 55	0.40 0.39	2 2	p,c
OW536	20 21 48 20 22 26	51 07	0.19	2	P P
OW538 OW638	20 22 34 20 22 54	54 22 60 00	1.41 0.26	2 1	p,c
OW540	20 22 34	5 <b>7</b> 48	0.20	2	р р,с
OW642	20 25 11	61 06	0.18	1	p
OW548	20 28 47	51 57	0.47	2	p,c
O <b>W550</b>	20 29 15	55 39	0.60	2	u,c
ow549	20 30 12	51 53	1.10	2	p,c,4C51.41,4CP51.41
OW551	20 30 28	54 54	1.36	2	p,c,4C54.42
OW652 OW653	20 31 03 20 31 15	60 26 61 17	0.39 0.20	1	p,c p,c
0W552	20 31 21	58 55	0.49	2	p
OW552.3	20 31 23	53 29	1.37	2	p,c,3C415.2,4C53.46,4CP53.46,NRA0633, LHE488
OW553	20 31 39	52 43	0.24	2	p,c
OW554	20 32 12	5 <b>7</b> 26	0.20	2	e
ow555	20 33 22	57 37	1.21	2	e,4C57.34,4CP57.34,LHE489
OW557	20 33 33	53 15	0.18	2	p,n,3C416
OW555.9	20 33 33	55 12	0.23	2	p / (CD50, 314
ow556 ow558	20 33 48 20 34 25	59 57 58 10	1.66 0.62	2 2	p,4CP59.31A e
OW558.4	20 35 09	57 26	0.51	2	<b>e</b>
ow559	20 35 52	54 07	0.40	2	p,4C54.43,4CP54.43
0W560	20 36 02	58 28	0.70	2	e,4C58.38,4CP58.38
OW565	20 39 27	55 17	0.53	2	e
OW567 OW566	20 39 52 20 40 13	59 18 53 07	0.47 0.25	2 2	p,n,4C59.32,4CP59.32 P
04300	20 40 15	33 0,	0.23	-	· P
OW567.5	20 40 25	54 29	0.28	2	p,c
OW567.4 OW568	20 40 26 20 40 26	52 17 57 54	0.19 0.22	2 2	p,n p
OW568	20 40 52	61 06	0.31	1	p
OW569	20 41 30	56 28	0.29	2	p,c
ow570	20 41 42	58 31	0.19	2	p
OW570	20 41 42	55 27	1.81	2	e
OW572	20 43 28	56 11	0.35	2	p,c
OW674	20 44 <b>27</b> 20 44 58	61 49 54 13	0.26 0.34	1 2	p,c
O <b>W575</b>	20 44 30	24 T2	0.34	4	p
OW675	20 45 04	60 11	0.23	1	p,c
OW574	20 45 49	55 26 57 31	0.45 0.71	2 2	e p,c,4C57.35,4CP57.35,DA527
OW576 OW577	20 45 49 20 46 43	53 14	0.71	2	p,c,4031,33,40031,33,58341
OW578	20 47 10	56 45	0.27	2	p,c
	20 48 10	61 26	0.23	1.	n.
	/U 40 10	01 40	0.43	4	<b>p</b>
ow680 ow585	20 50 56	55 09	7.21	2	e,4CP55.38A,DA530

Table III (continued)

	Celestial co		$S_{1415}$		
Source	α	δ	(f.u.)	Part	Remarks
OW586	20 <sup>h</sup> 51 <sup>m</sup> 51 <sup>s</sup>	+58°48'	0.22	2	p
OW588	20 53 14	57 49	0.34	2	P
ow589	<b>20 54</b> 08	59 37	0.23	2	. <b>p</b>
OW691	20 54 32	60 59	0.29	1	p,c
OW591	20 54 36	56 57	0.81	2	p,4C57.36,4CP57.36,LHE492
ow697	20 57 59	61 17	0.27	1	p,c
ow698	20 58 47	60 23	0.45	1	u,c,4CP60.29A
OW598	20 59 16	<b>54 3</b> 0	0.50	2	p,n
OW599	20 59 21	55 57	0.51	2	p,n,LHE494
0X501	21 00 46	56 50	0.55	2	P
0X507	21 04 07	57 00	0.90	2	p,4C56.30,4CP56.30
ox <b>50</b> 9	21 05 36	57 59	0.21	2	p
0X <b>511</b>	21 06 40	54 43	0.60	2	p,4CP54.43A
0X516	21 09 40	56 32	0.29	2	p,c
OX517.5	21 10 32	54 06	0.39	2	u
OX518	21 10 56	56 42	0.92	2	p,c,4C56.31,4CP56.31
0X <b>619</b>	21 11 39	62 02	2.53	2	p,3C429,4C62.33,4CP62.33,NRAO651,DA536
ox625	21 14 56	60 50	1.31	2	p,c
0X525	21 15 09	56 <b>1</b> 5	0.70	2	p
OX528	21 16 27	57 55	0.63	2	u
OX628	21 16 59	60 34	(10.4)	2	m,p,c,3C430,4C60.30,4CP60.30,NRAO653,CTA94, DA539,LHE501
OX629	21 17 31	62 32	0.25	2	p,n
0X631	21 18 49	60 59	0.26	2	p,c
0X532	21 19 08	55 46	0.19	2	p,c,4CP55.38B
0X534	21 20 21	56 10	0.34	2	p,4CP55.38B
0X536	21 21 29	54 <b>5</b> 1	1.35	2	<b>e</b>
OX539	21 22 30	5 <b>6</b> 16	0.20	2	p
0X541	21 24 45	55 09	2.79	2	e,4CP55.38C,DA548
0X641	21 24 48	60 56	0.31	2	p
0X544	21 27 13	54 <b>2</b> 7	1.61	2	ė
0X448	21 28 59	40 48	0.26	1	p,n
0X552	21 31 16	54 26	0.50	2	u
0X557	21 33 59	53 34	0.42	2	p,c
ox658	21 34 44	6 <b>2</b> 02	0.23	2	p
0X558	21 34 52	52 14	1.73	2	p,c
0 <b>x660</b>	21 36 05	60 40	0.21	2	p,n
0X562	21 37 16	5 <b>4 3</b> 5	3.37	2	e
0X463	21 37 37	40 23	0.51	1	· p
0X664	21 38 41	61 33	0.18	2	p · · · · · ·
0X <b>566</b>	21 39 35	52 27	(1.6)	2	8
0 <b>x56</b> 8	21 40 59	54 43	17.85	2	e,4CP54.44A,DA558,DW2141+54
OX571	21 42 21	52 30	0.66	2	p
0 <b>X67</b> 2	21 43 26	60 57	0.46	2	p,4C60.31,4CP60.31
0X578	21 46 46	52 40	0.33	2	p,c
0X677	21 46 48	60 53	1.89	2	p,4C60.32
0X579	21 47 07	53 27	(0.5)	2	g,4C53.49,4CP53.49
0X682	21 49 16	61 <b>5</b> 5	0.23	2	p
0X484	21 50 21	49 46	(0.9)	2	m,p,4C49.42,4CP49.42,DA566,LHE508
0X584	21 50 25	54 <b>27</b>	0.26	2	p
0X487	21 52 04	40 51	0.19	1	p,n
0X588	21 52 44	54 41	0.18	2	p
0X688	21 52 52	62 30	0.21	2	p,n
0 <b>x492</b>	21 55 21	40 44	0.34	1	p
ox592	21 55 23	54 <b>3</b> 6	0.41	2	p
0X594	21 56 31	50 46	0.18	2	p
o <b>x59</b> 5	21 57 06	52 29	7.29	2	ė
0X596	21 57 50	56 42	0.77	2	p,c,4C56.32,4CP56.32
0X <b>597</b>	21 58 11	58 01	0.68	2	u,c
0X499	21 59 44	40 24	0.38	1	p,4C40.44
0X598	21 59 51	58 09	0.36	2	p,c
0 <b>x599</b>	21 59 59	50 37	1.14	2	p,c,NRAO676
OY401	22 00 38	42 02	(3.6)	1	m,DA571,VRO42.22.01
OY500	22 01 06	55 53	0.26	2	p
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Table III (continued)

	Celestial co		 C'		
Source	$\alpha$ (1950)	δ	$S_{1415}$ (f.u.)	Part	Remarks
 0Y501	22 <sup>h</sup> 01 <sup>m</sup> 16 <sup>s</sup>	+50°42'	0.19	2	D 0
OY502.9	22 02 14	51 26	0.18	2	p,c
0Y405	22 02 36	48 50	0.69	1	p,c
OY503	22 02 44	53 35	0.18	2	p,n p,c
OY504	22 03 10	56 29	0.22	2	p,c
0 <b>Y505</b>	22 03 45	55 55	0.24	2	p,c,4C55.40
OY506	22 03 53	53 10	0.21	2	p,c
0 <b>Y507</b>	22 04 20	54 47	0.33	2	p
0 <b>Y408</b>	22 04 57	43 14	0.34	1	p,c
OY510	22 06 33	50 24	0.22	2	p
OY412	22 07 19	41 31	0.64	1	u
OY511	22 07 26	51 56	0.38	2	p,n
0Y512	22 07 28	56 57	0.19	2	p
0 <b>Y41</b> 5	22 09 03	42 54	0.21	1	p,c,4C42.52
OY516	22 10 09	57 13	0.20	2	p
0Y516.9	22 10 14	52 58	0.21	2	p
OY517	22 10 27	52 07	0.20	2	p
OY418	22 11 17	40 38	0.25	1	p,c
OY419	22 11 26	48 54	0.21	1	u
OY520	22 11 52	51 16	0.26	2	p.
04421	22 12 46	44 24	0.23	1	p,n
OY422	22 13 08	43 24	0.23	1	p
OY426	22 15 35	49 03	0.28	1	p,c
OY427	22 16 14	41 34	0.54	1.	u u
OY529	22 16 37	51 49	0.48	2	p,c,4C51.47
0 <b>Y42</b> 9	22 17 16	42 24	0.26	1	p,c
0Y430	22 17 52	49 09	0.48	î	p,4C49.44,4CP49.44
0Y531	22 18 27	57 18	(0.7)	2	m,g
OY430.9	22 18 47	46 47	0.18	ī	p,4C46.45
OY431	22 19 24	43 14	0.23	1	u
0 <b>Y432</b>	22 19 39	45 51	0.39	1	n.
OY433	22 19 49	41 18	0.83	1	p u,4C41.43,VRO41.22.02
OY433.4	22 20 01	40 23	0.19	î	p,c
0 <b>Y434</b>	22 20 43	49 21	0.27	î	p,c,4C49.46,4CP49.46
OY535	22 20 59	51 32	0.19	2	p
0Y435	22 21 14	43 23	0.63	1	p,c,4C43.54,VRO43.22.01
0Y537	22 22 23	54 14	0.38	2	
0Y438	22 22 31	40 37	0.43	1	p,c p,4C40.45,VRO40.22.001
0 <b>Y538</b>	22 23 31	51 03	0.18	2	p
0Y540	22 23 34	53 21	0.25	2	p,c
04/30	22 24 12	۸1 30	0.70	1	
0Y439 0Y440	22 24 12 22 24 15	41 .39 46 .15	0.79 0.34	1	u,4C41.44,NRAO689,VRO41.22.03
0 <b>Y441</b>	22 24 13	47 23	0.19	1	p,c u,c
0 <b>Y443</b>	22 25 47	49 12	0.26	1	p,c,4C49.47,(LS?)
0Y543	22 26 00	54 54	1.09	2	e
0 <b>Y</b> 544	22 27 05	52 27	0.23	2	n
0Y445	22 27 06	44 21	1.12	1	p u,3C448,4C44.41,NRAO691
0 <b>Y446</b>	22 27 26	40 44	0.29	1	p
0Y545	22 27 28	50 26	0.18	2	p
OY546	22 27 43	51 16	0.29	2	p
0Y546.2	22 27 44	55 05	0.95	2	<b>e</b>
01546.2 0Y547	22 27 44 22 27 55	56 <b>3</b> 8	0.93	2	p
0Y447	22 28 29	41 51	0.23	- 1	p p
0Y549	22 29 30	53 51	2.03	2	p,c,4C53.50,4CP53.50,LHE521
0Y448	22 29 37	48 15	0.22	1	p,c
04440	22 20 27	40 12	0.21	,	
0 <b>Y44</b> 9 0 <b>Y551</b>	22 29 37 22 30 40	49 12 53 52	0.21 0.32	1 2	u,c
0Y551 0Y452	22 30 40	40 58	0.32	1	p,c p,VRO41.22.031
0Y452 0Y453	22 31 16 22 31 34	46 28	1.07	1	p, vk041.22.031 u,c, 4C46.46, LHE524
01453 0Y454	22 32 30	46 58	1.38	1	u,c,4C47.59,DA583
0 <b>Y45</b> 5 0 <b>Y556</b>	22 33 05 22 33 48	45 36 54 56	0.26 0.28	1 2	p,c,4C45.47 u
		J-7 J-0	0.20	-	
01336 0 <b>Y456</b>	22 33 52	40 53	0.26	1	p,c,4C40.46

Table III (continued)

	Celestial co (1950		$S_{1415}$		
 Source	α (1930	δ	(f.u.)	Part	Remarks
UY456.9	$22^{h}34^{m}14^{s}$	+46°47'	0.18	1	p,c
OY457	22 34 18	42 53	0.50	1	p
0 <b>Y658</b>	22 34 53	61 25	0.19	2	p
0 <b>Y559</b>	22 34 56	54 55	0.37	2	u -
0Y558	22 35 14	51 09	0.59	2	p,c,4C51.48
0Y460	22 35 49	40 46	0.76	1	p,c,4C40.47,VRO40.22.01
0Y461 0Y462	22 36 56 22 36 57	41 53 40 32	0.29 0.25	1	u,c
0Y463	22 30 57	43 16	0.70	1	p,c p,4C43.55,NRAO693,VRO43.22.011
0Y564	22 38 17	51 16	0.31	2	p
0 <b>Y664</b>	22 38 32	61 00	0.52	2	p
0 <b>Y46</b> 5	22 38 52	41 01	0.58	1	p,c,3C450
0 <b>Y565</b>	22 38 59	54 09	0.20	2	p,c
O <b>Y466</b>	22 39 36	47 12	0.22	1	p
0 <b>Y567</b>	22 40 20	52 07	0.28	2	p,c
OY568	22 40 28	52 46	0.32	2	p,c
0Y468	22 40 59	43 45	1.29	1	u, NRAO694, LHE525, VRO43.22.02, VRO43.22.03
0Y470	22 41 50	40 42 45 56	0.23	1	p,c
0 <b>Y471</b> 0 <b>Y472</b>	22 42 45 22 43 17	45 56 47 49	0.51 0.24	1 1	p p,4C47.60
0 <b>Y572</b>	22 43 38	56 23	0.23	2	p,c
01372 0Y472.7	22 43 39	43 42	0.23	1	p,c
0Y473	22 43 48	41 58	0.38	ī	p,c
OY474	22 44 04	42 49	0.46	ī	p,c,4C42.53,VRO42.22.02
OY573.4	22 44 04	54 41	0.73	2	p,4C54.46,4CP54.46
0Y574	22 44 25	55 54	0.20	2	p,c
OY475	22 44 55	43 57	0.57	1	u,c
0Y476	22 46 13	44 50	1.05	1	p,c
0Y477	22 46 22	46 30 53 00	0.33	1	p,c
0 <b>Y577</b>	22 46 22	53 00	0.47	2	p,c,4C53.51(LS)
OY578	22 46 38	51 06	0.18	2	p
0 <b>Y479</b>	22 48 06	46 33	0.65	1	p,c
OY479.9	22 48 31	49 46	0.18	1	p
0Y480 0Y581	22 48 32 22 48 32	45 37 51 56	0.47 0.39	1 2	p,c u
0 <b>Y481</b>	22 48 34	48 33	0.24	1	u,c
0Y582	22 49 33	52 38	0.19	2	p
0Y583	22 49 39	54 15	0.21	2	p
0Y482	22 49 41	42 28	0.41	1	u,c
0Y483	22 49 47	43 39	0.36	1	p,c,4C43.57,VRO43.22.04
04483.1	22 49 51	48 57	0.33	1	p,c,4CP49.34
OY484	22 50 28	41 42	0.24	1	p,c
0Y584	22 50 40	50 16	1.07	2	p,c,4C50.56,LHE529
0Y485	22 51 34	43 00	0.20	1	p,c
0Y585	22 51 34	50 38	0.72	2	p,c
0Y486	22 52 21	45 17	0.35	1	p,c
0Y487	22 52 59	46 4?	∂.36 0.50	1	p p c
07488	22 53 04 22 53 21	44 39 41 43	0.50 1.54	1 1	p,c p,c,LHE531
0Y489 0Y588	22 53 21 22 53 24	54 44	0.21	2	p
0 <b>Y490</b>	22 53 26	44 05	0.29	1	p,c
0Y589	22 53 34	53 55	0.20	2	p
0Y492	22 55 02	41 36	2.36	1	p,c,4C41.45,DA589,LHE531,VRO41.22.04
04491	22 55 03	40 27	0.20	1	p,c
OY593	22 56 09	54 05	0.26	2	p,c
0Y594	22 56 26	52 56	0.42	2	p,c,4C52.51
0Y594.9	22 56 59	52 05 51 16	0.19 0.25	2 2	p,c
0Y595	22 57 14 22 57 45	51 <b>1</b> 6 48 44	0.25	1	p,c p,4C48.58
0¥496 0¥497	22 58 04	43 47	0.24	1	p,c
04/06	22 58 42	43 03	0.24	1	p,c
01490					
0 <b>Y498</b> 0Y <b>597</b>	22 59 14	55 46	0.26	2	u ·
	22 59 14 22 59 18 22 59 23	55 46 54 35 48 06	0.26 0.86 0.51	2 2 1	u p,c,4C54.47(LS) p,4C48.59,LHE533

Table III (continued)

	Celestial co		C			
Source	$\alpha$ (1950)	δ	$S_{1415}$ (f.u.)	Part	Remarks	
 OY499	22h59m23s	+40°21'	0.47	1	p,c	
0 <b>Z501</b>	23 00 02	51 16	0.28	2	p -	
0 <b>Z50</b> 0	23 00 42	56 47	(1.8)	2	m,e	
OZ401	23 01 19	42 05	0.22	1	p,c	
OZ402	23 01 27	42 45	0.25	1	p,c,4C42.54,VR042.23.001	
0Z403	23 01 32	44 22	1.02	1	p,4C44.42	
0Z404	23 02 34	40 12	(1.1)	1	m, VRO40.23.01	
0Z505 0Z506	23 02 42	56 53	(0.5)	2	m,p,c	
02300 02407	23 03 30 23 04 16	52 45 42 57	0.26 0.20	2 1	p p,VR042.23.002	
0 <b>Z40</b> 8	23 04 49	46 43	0.40	1		
0 <b>Z40</b> 9	23 05 16	41 01	0.34	1	u ,,, c	
0 <b>Z509</b>	23 05 16	51 25	0.23	2	p, c	
0Z410	23 05 47	44 47	0.50	1	u e	
0 <b>Z510</b>	23 06 12	50 14	0.36	2	p,4C50.57	
02411	23 06 38	46 12	0.23	1	p	
0Z412	23 06 59	43 45	0.25	1	p,VRO43.23.001	
0 <b>Z413</b>	23 07 11	41 46	0.26	1	p	
0Z513	23 07 33	54 46	0.39	2	p,n	
0 <b>Z414</b>	23 09 27	48 18	(0.5)	1	m,4C48.60	
O <b>Z41</b> 5	23 09 30	42 32	0.48	1	p,c	
0 <b>Z416</b>	23 09 35	45 28	0.25	1	p	
0 <b>Z516</b>	23 09 55	55 45	0.30	2	p,n	
0 <b>Z51</b> 7	23 10 17	53 29	0.20	2	p	
0 <b>Z419</b>	23 11 27	46 57	1.68	1	p,c,4C46.47,DA596	
0Z420	23 11 51	44 52	0.23	1	P	
0 <b>Z521</b>	23 12 57	54 35	0.20	2	p	
0Z522	23 13 06	51 15	0.43	2	p	
0Z423 0Z <b>5</b> 24	23 13 50 23 14 19	40 35 53 39	0.28 0.98	1 2	p p,n,4C53.52	
0Z424 0Z525	23 14 44 23 14 46	44 05 52 21	0.23 0.27	1 2	p,c,n p	
0Z425	23 14 47	47 05	0.32	1	p,c	
OZ526	23 14 57	50 18	0.49	2	p	
OZ426	23 15 32	44 35	0.18	1	p,c,4C44.43	
0 <b>Z428</b>	23 16 29	<b>47 1</b> 2	0.29	1	u,c	
0Z429	23 16 39	43 24	0.20	1	u	
0 <b>Z</b> 531	23 18 41	51 44	0.71	2	p,c	
0Z532 0Z432	23 19 08 23 19 16	54 48 45 59	0.44	2 1	с р <b>,</b> с	
0Z433 0Z533	23 19 46 23 20 11	45 14 50 40	0.39 2.76	1 2	p,c p,c,DA600	
0Z534	23 20 14	41 36	0.33	1	p,c,bA000	
0Z533.8	23 20 16	51 47	7.85	2	p,c,Possible Cas A Side Lobe	
OZ534.2	23 20 31	52 33	5.03	2	p,c,Possible Cas A Side Lobe	
0 <b>Z</b> 534.3	23 20 36	54 38	8.93	2	p,c,Possible Cas A Side Lobe	
0Z436	23 21 31	42 16	0.78	1	p,c,LHE539	
0 <b>Z43</b> 7	23 21 57	46 18	0.36	1	p	
oz536	23 21 57	54 25	0.26	2	p,c	
o <b>z43</b> 8	23 23 19	43 31	2.12	1	p,c	
0Z439	23 23 28	42 16	0.40	1	p,c	
0Z541	23 23 48	50 22	0.25	2	P	
0Z440	23 24 11	44 53	0.30	1	u,c	00. ******
0 <b>Z440.</b> 9	23 24 30	40 30	2.36	1	p,c,3C462,4C40.50,NRAO712,DA60	03,LHE540,
O <b>Z441</b>	23 24 33	45 55	0.41	1	vR040.23.02 p,c,4C45.48	
O <b>Z441.</b> 5	23 24 53	47 37	0.33	1	n.	
0Z441.5 0Z442	23 24 53	47 37	0.33	1	p n.c	
0Z442 0Z443	23 25 27	41 19	0.23	1	p,c p,c	
0Z544	23 26 28	54 46	0.19	2	p	
OZ445	23 26 44	42 18	0.41	1	u,c	
OZ447	23 28 06	40 56	0.20	1	p 4	
OZ547	23 28 06	51 34	0.52	2	p,c,n	
0Z548			0.26	2		

Table III (continued)

Source			Celestial co (1950		$S_{1415}$		
02449		Source	α	δ		Part	Remarks
02450		0Z448	$23^{h}28^{m}51^{s}$	+47°16'	0.19	1	p
02451 23 30 29 40 13 (0.7) 1 m,0A001,7RA04,23,03 p,c,4C43,58,VR042,23,01   02552 23 13 27 54 51 0.18 2 p,c,4C43,58,VR042,23,01   02553 23 13 27 54 51 0.18 2 p,c   02553 23 13 28 52 22 0.22 2 p   02453,7 23 12 11 48 58 (0.5) 1 m   02554 23 12 11 51 60 0.21 1 p,c   02555 23 12 30 54 40 10 0.20 1 p,c   02555 23 12 30 53 40 0.20 1 p,c   02555 23 12 30 53 40 0.20 1 p,c   02555 23 12 39 53 40 0.20 2 p   02456 23 13 23 42 05 0.18 1 p,c   02555 23 12 39 53 40 0.20 2 p   02459 23 15 58 44 43 0.31 1 p,n   02460 23 15 58 44 43 0.31 1 p,n   02560 23 15 58 44 43 0.31 1 p,n   02560 23 15 58 44 43 0.31 1 p,c   02661 23 36 46 47 50 0.55 1 u p,c   02664 23 39 01 45 45 0.19 1 p   02665 23 39 01 45 45 0.19 1 p   02666 23 39 01 45 45 0.19 1 p   02666 23 39 01 45 45 0.19 1 p   02666 23 39 01 45 45 0.19 1 p   02666 23 39 01 45 45 0.19 1 p   02666 12 39 29 44 43 55 0.19 1 p   02666 12 39 45 46 85 0 0.20 1 p   02666 12 39 45 46 85 0 0.20 1 p   02666 12 39 45 46 85 0 0.20 1 p   02666 12 39 45 46 85 0 0.20 1 p   02666 12 39 45 46 85 0 0.20 1 p   02666 12 39 45 46 85 0 0.20 1 p   02666 12 39 45 46 85 0 0.20 1 p   02666 12 39 45 46 85 0 0.20 1 p   02666 12 39 45 46 85 0 0.20 1 p   02666 12 39 45 46 85 0 0.20 1 p   02666 12 39 45 46 85 0 0.20 1 p   02666 12 39 45 46 85 0 0.20 1 p   02666 12 39 45 46 85 0 0.20 1 p   026770 23 41 20 46 31 0.27 1 u   027570 23 41 56 56 08 0.22 2 p   026773 23 41 36 65 56 08 0.22 2 p   026773 23 41 36 65 56 08 0.22 2 p   026773 23 41 36 65 57 40 0.19 2 p   025774 23 45 66 57 0.19 2 p   025774 23 45 66 57 0.00 1 p   025774 23 45 66 57 0.00 1 p   025775 23 44 35 60 7 0.00 1 p   025776 23 44 55 58 44 0.11 2 p   025776 23 44 56 56 08 0 0.22 2 p   026779 23 44 56 56 08 0 0.22 2 p   026779 23 44 56 56 08 0 0.22 2 p   026779 23 44 56 57 0.00 1 p   025779 23 44 56 57 0.00 1 p   025779 23 44 56 57 0.00 1 p   025779 23 44 56 58 08 0 0.20 2 p   026779 23 44 56 57 0.00 1 p   025779 23 44 56 57 0.00 1 p   025779 23 44 65 57 0.00 1 p   025779 23 44 65 57 0 p   025779 23 46 65 57 0 p   025779 23 46 65 57 0 p   025789 23 40 0							p,c
02452 23 30 54 43 24 00.39 1 p.c.,4c43.58, ymo42.23.01  02513 23 11 27 36 13 10 0.20 2 p. 0.252 2 p. 0.252 2 2 p. 0.2533 23 11 74 85 86 (0.5) 1 m.  02553 23 11 74 85 86 (0.5) 1 m.  02554 23 12 11 48 88 (0.5) 1 m.  02555 23 13 50 54 13 10 0.22 2 p. 0.22 2 p. 0.25 2 p							
02552 23 127 54 51 0.18 2 p 02633 23 13 34 46 16 0.23 1 p,c 02633.7 23 32 11 48 58 60 0.23 1 p,c 02634.7 23 32 11 48 58 60 0.53 1 m 02554 23 12 13 51 66 0.23 1 p,c 02645 23 12 33 34 26 50 0.30 1 p,0A001.1 02555 23 12 39 55 41 53 0.18 1 p,0A001.3 02655 23 12 39 55 41 53 0.18 1 p,0A001.3 02660 23 36 17 51 43 0.33 1 2 p,4C51.49 026464 23 18 07 47 50 0.53 1 u,c 026464 23 18 07 47 50 0.53 1 u,c 026464 23 18 07 47 50 0.53 1 u,c 026464 23 18 07 47 50 0.53 1 u,c 026464 23 18 07 47 50 0.53 1 p,c,0A001.5 026465 23 19 13 42 13 0.25 1 p,c,0A001.5 026466 23 39 29 44 35 0.19 1 p 026466 23 39 29 44 55 0.19 1 p 026466 23 39 20 44 55 0.29 1 p 026466 23 39 20 44 55 0.28 1 p,c,0A001.6,VR043.23.01 026466 23 40 01 42 45 0.28 1 p,c,0A001.6,VR043.23.01 026467 23 41 06 50 14 0.28 2 p 026469 23 41 22 53 32 2 2.93 2 2 p.c 02570 23 41 56 56 08 0.22 2 p 02571 23 41 56 56 08 0.22 2 p 02571 23 42 12 50 50 0.19 2 p 02573 23 43 36 0 46 47 7 0.46 1 0.27 1 u 02573 23 43 36 0 46 57 0.27 1 u 02573 23 43 36 0 46 57 0.27 1 u 02574 23 43 36 0 46 57 0.27 1 u 02575 23 43 36 0 46 57 0.27 1 u 02577 23 43 36 0 52 54 0.18 2 p 02577 23 43 46 5 56 08 0.22 2 p 02577 23 43 46 5 56 08 0.22 2 p 02577 23 43 46 5 56 08 0.22 2 p 02577 23 43 56 56 08 0.22 2 p 02577 23 43 46 5 56 08 0.22 2 p 02577 23 43 46 5 56 08 0.22 2 p 02577 23 43 46 5 56 08 0.22 2 p 02577 23 43 46 5 56 08 0.22 2 p 02577 23 43 46 5 56 08 0.22 2 p 02577 23 43 56 56 08 0.22 2 p 02577 23 44 56 56 08 0.22 2 p 02577 23 44 56 56 08 0.22 2 p 02577 23 44 56 56 08 0.22 2 p 02577 23 43 56 56 08 0.22 2 p 02577 23 43 56 56 08 0.22 2 p 02577 23 44 56 56 08 0.22 2 p 02577 23 44 56 56 08 0.22 2 p 02577 23 44 56 56 08 0.22 2 p 02577 23 44 50 5 51 0.00 0.19 2 p 02573 23 43 56 50 60 0.19 2 p 02573 23 43 56 50 60 0.19 2 p 02573 23 43 56 50 60 0.19 2 p 02573 23 44 50 5 51 0.00 0.19 2 p 02573 23 43 50 54 57 0.00 0.19 2 p 02573 23 45 50 46 57 0.00 0.19 2 p 02575 23 44 50 5 50 50 50 0.19 2 p 02577 23 44 50 5 50 50 50 0.19 2 p 02577 23 44 50 5 50 50 50 0.19 2 p 02577 23 44 50 5 50 50 50 50 0.19 2 p 02577 23 44 50 50 50							
02552 23 127 54 51 0.18 2 p 02633 23 13 34 46 16 0.23 1 p,c 02633.7 23 32 11 48 58 60 0.23 1 p,c 02634.7 23 32 11 48 58 60 0.53 1 m 02554 23 12 13 51 66 0.23 1 p,c 02645 23 12 33 34 26 50 0.30 1 p,0A001.1 02555 23 12 39 55 41 53 0.18 1 p,0A001.3 02655 23 12 39 55 41 53 0.18 1 p,0A001.3 02660 23 36 17 51 43 0.33 1 2 p,4C51.49 026464 23 18 07 47 50 0.53 1 u,c 026464 23 18 07 47 50 0.53 1 u,c 026464 23 18 07 47 50 0.53 1 u,c 026464 23 18 07 47 50 0.53 1 u,c 026464 23 18 07 47 50 0.53 1 p,c,0A001.5 026465 23 19 13 42 13 0.25 1 p,c,0A001.5 026466 23 39 29 44 35 0.19 1 p 026466 23 39 29 44 55 0.19 1 p 026466 23 39 20 44 55 0.29 1 p 026466 23 39 20 44 55 0.28 1 p,c,0A001.6,VR043.23.01 026466 23 40 01 42 45 0.28 1 p,c,0A001.6,VR043.23.01 026467 23 41 06 50 14 0.28 2 p 026469 23 41 22 53 32 2 2.93 2 2 p.c 02570 23 41 56 56 08 0.22 2 p 02571 23 41 56 56 08 0.22 2 p 02571 23 42 12 50 50 0.19 2 p 02573 23 43 36 0 46 47 7 0.46 1 0.27 1 u 02573 23 43 36 0 46 57 0.27 1 u 02573 23 43 36 0 46 57 0.27 1 u 02574 23 43 36 0 46 57 0.27 1 u 02575 23 43 36 0 46 57 0.27 1 u 02577 23 43 36 0 52 54 0.18 2 p 02577 23 43 46 5 56 08 0.22 2 p 02577 23 43 46 5 56 08 0.22 2 p 02577 23 43 46 5 56 08 0.22 2 p 02577 23 43 56 56 08 0.22 2 p 02577 23 43 46 5 56 08 0.22 2 p 02577 23 43 46 5 56 08 0.22 2 p 02577 23 43 46 5 56 08 0.22 2 p 02577 23 43 46 5 56 08 0.22 2 p 02577 23 43 46 5 56 08 0.22 2 p 02577 23 43 56 56 08 0.22 2 p 02577 23 44 56 56 08 0.22 2 p 02577 23 44 56 56 08 0.22 2 p 02577 23 44 56 56 08 0.22 2 p 02577 23 43 56 56 08 0.22 2 p 02577 23 43 56 56 08 0.22 2 p 02577 23 44 56 56 08 0.22 2 p 02577 23 44 56 56 08 0.22 2 p 02577 23 44 56 56 08 0.22 2 p 02577 23 44 50 5 51 0.00 0.19 2 p 02573 23 43 56 50 60 0.19 2 p 02573 23 43 56 50 60 0.19 2 p 02573 23 43 56 50 60 0.19 2 p 02573 23 44 50 5 51 0.00 0.19 2 p 02573 23 43 50 54 57 0.00 0.19 2 p 02573 23 45 50 46 57 0.00 0.19 2 p 02575 23 44 50 5 50 50 50 0.19 2 p 02577 23 44 50 5 50 50 50 0.19 2 p 02577 23 44 50 5 50 50 50 0.19 2 p 02577 23 44 50 5 50 50 50 50 0.19 2 p 02577 23 44 50 50 50		0 <b>Z</b> 551	23 31 22	50 24	0.20	2	D
02554 23 32 11 86 58 (0.5) 1 m  02554 23 32 11 66 58 (0.5) 1 m  02554 23 32 13 51 66 0.21 2 p p.0A601.1 02556 23 32 33 42 05 03 0.30 1.20 2 p p.0A601.1 02550 23 35 25 33 0.33 0.33 0.33 1 p.0A601.3 02560 23 36 17 51 43 0.33 2 p p.0A601.3 02560 23 36 17 51 43 0.33 0.33 1 p.0A601.3 02560 23 36 17 51 43 0.33 0.33 1 p.0A601.3 02646.1 23 36 46 47 50 0.35 1 u.c. 02646.9 23 39 01 45 45 0.13 1 p.c. 02646.9 23 39 01 45 45 0.13 1 p.c. 02646.1 23 39 45 48 53 0.22 1 p.c. 02646.1 23 39 45 48 53 0.22 1 p.c. 02646.1 23 39 45 48 53 0.30 1 p.c. 02669 23 41 20 46 31 0.27 1 u.d. 02560 23 41 20 6 31 0.27 1 u.d. 02569 23 41 20 6 31 0.27 1 u.d. 02569 23 41 20 6 31 0.27 1 u.d. 02569 23 41 20 6 31 0.27 1 u.d. 02570 23 41 56 56 08 0.22 2 p c.0A601.6, VR043.23.01 025770 23 41 56 56 08 0.22 2 p p.c. 025731 23 43 36 52 40 0.18 2 p p.c. 025731 23 43 50 44 57 0.42 1 p.c. 025732 23 43 56 44 57 0.42 1 p.c. 025732 24 43 86 60 57 0.42 1 p.c. 025732 24 43 86 60 57 0.42 1 p.c. 02573 23 43 86 05 44 57 0.42 1 p.c. 02573 23 43 86 05 44 57 0.42 1 p.c. 02573 23 43 86 05 44 57 0.42 1 p.c. 02573 23 43 86 05 67 0.42 1 p.c. 02573 23 43 86 05 67 0.42 1 p.c. 02573 23 43 86 05 67 0.42 1 p.c. 02573 23 43 86 05 67 0.42 1 p.c. 02573 23 43 86 05 67 0.42 1 p.c. 02573 23 43 86 05 67 0.42 1 p.c. 02573 23 43 86 05 67 0.42 1 p.c. 02573 23 43 86 05 67 0.42 1 p.c. 02573 23 43 86 05 67 0.42 1 p.c. 02574 23 45 86 65 55 66 0.21 2 p.c. 02575 23 44 44 42 42 0.48 1 p.c. 02577 23 45 14 65 66 08 0.32 2 p.c. 02577 23 47 14 68 57 0.42 1 p.c. 02578 23 47 14 68 57 0.42 1 p.c. 02579 23 47 14 68 57 0.42 1 p.c. 02579 23 47 14 68 57 0.42 1 p.c. 02579 23 47 10 68 0.30 1 1 p.c. 02579 23 47 10 68 0.30 1 1 p.c. 02579 23 47 10 68 0.30 1 1 p.c. 02579 23 47 10 68 0.30 1 1 p.c. 02579 23 47 10 68 0.30 1 1 p.c. 02579 23 47 10 68 0.30 1 1 p.c. 02579 23 47 10 68 0.30 1 1 p.c. 02579 23 47 10 68 0.30 1 1 p.c. 02579 23 47 10 68 0.30 1 p.c. 02579 23 47 10 68 0.30 1 p.c. 02579 23 47 10 68 0.30 1 p.c. 02579 23 47 11 68 57 0.42 1 p.c. 02579 23 47 10 68 0.50 1 p.c. 02579 23 47 11 68 57 0.60 1 p.c. 02578 2		02552	23 31 27	54 51	0.18	2	
02453.7 23 32 11 48 58 (0.5) 1 m  02554 23 32 13 51 06 0.21 2 p  02454 23 32 33 42 05 0.30 1 p  02459 23 35 08 41 53 0.18 1 p  02469 23 35 08 41 53 0.18 1 p  02469 23 35 08 41 53 0.18 1 p  02469 23 35 08 41 53 0.18 1 p  02460 23 36 17 51 43 0.33 2 p  02461 23 36 00 7 47 50 0.52 1 p  02464 23 38 07 47 50 0.32 1 p  02464 23 38 07 47 50 0.32 1 p  02466 23 39 13 42 13 0.25 1 p  02465 23 39 13 42 13 0.25 1 p  02466.1 23 39 45 48 53 0.30 1 p  02466.1 23 39 45 48 53 0.30 1 p  02466 23 38 00 47 50 0.22 1 p  02466.1 23 39 45 48 53 0.30 1 p  02466 23 40 10 42 45 0.28 1 p  02467 23 40 10 42 45 0.28 1 p  02469 23 41 20 46 31 0.27 1 u  02569 23 41 20 46 31 0.27 1 u  02569 23 41 20 30 46 31 0.27 1 u  02569 23 41 25 35 22 2.93 2 p  02570 23 41 36 50 88 0.22 2 p  02571 23 41 36 50 88 0.22 2 p  02571 23 42 31 56 50 88 0.22 2 p  02571 23 42 34 36 59 60 88 0.22 2 p  02572 23 43 34 56 50 88 0.22 2 p  02573 33 42 42 41 31 0.27 1 p  02573 33 43 45 58 24 0.18 2 p  02577 23 44 44 42 41 31 0.20 1 p  02577 23 44 44 42 41 31 0.20 1 p  02577 23 44 44 42 41 31 0.20 1 p  02577 23 44 44 42 41 31 0.20 1 p  02577 23 44 66 50 50 80 0.29 2 p  02577 23 44 66 50 50 80 0.29 2 p  02577 23 44 64 62 42 0.48 1 p  02577 23 44 65 50 68 0.51 1 p  02577 23 44 66 50 50 50 50 50 1 p  02577 23 44 64 62 42 4 41 31 0.20 1 p  02577 23 44 64 62 42 0.48 1 p  02577 23 46 69 50 55 60 0.19 2 p  02577 23 46 69 50 50 55 10 30 0.29 2 p  02577 23 46 69 50 50 55 10 30 0.29 2 p  02577 23 46 69 50 50 55 10 30 0.29 2 p  02577 23 46 69 50 50 55 10 0.30 2 p  02578 23 47 00 50 55 26 0.21 2 p  02579 23 47 00 50 55 26 0.21 2 p  02582 23 49 00 60 31 0.70 2 p  02582 23 49 00 60 31 0.70 2 p  02582 23 49 00 60 31 0.70 2 p  02588 23 52 70 70 50 50 0.31 2 p  02588 23 52 71 58 30 0.55 2 p  02588 23 52 71 58 30 0.55 2 p  02588 23 52 71 78 30 0.55 2 p  02588 23 52 71 78 30 0.55 2 p  02588 23 52 54 46 61 00 0.22 1 p  02598 23 54 58 49 33 0.55 2 p  02599 23 54 58 49 33 0.55 2 p  02599 23 54 58 49 33 0.55 2 p  02599 23 54 58 49 33 0.55 2 p  02599 23 54 58 49 33 0.55 2 p  02599 23 54 58 69 41							
02454 23 32 33 95 30 04 0.20 2 P P, AGODI.1 P, AGODI.1 P, AGODI.1 P, AGODI.1 P, AGODI.1 P, AGODI.3 P, AGODI.1 P, AGODI.3 P, AGODI.5							
02454 23 32 33 95 30 04 0.20 2 P P, AGODI.1 P, AGODI.1 P, AGODI.1 P, AGODI.1 P, AGODI.1 P, AGODI.3 P, AGODI.1 P, AGODI.3 P, AGODI.5		0 <b>Z</b> 554	23 32 13	51 06	0.21	2	n
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0Z481       23 48 56       44 58       0.63       1       p,0A006,4C45.50         0Z682       23 49 00       60 31       0.70       2       p,c         0Z582       23 49 09       50 45       0.49       2       p         0Z482       23 49 26       41 03       0.41       1       p,0A005,4C41.26,VR041.23.01         0Z684       23 50 29       60 06       1.44       2       p,c         0Z585       23 51 10       55 53       0.19       2       p         0Z486       23 51 45       45 37       2.06       1       u,4C45.51         0Z586       23 51 46       51 24       0.34       2       p         0Z587       23 52 07       57 05       0.31       2       p         0Z588       23 52 17       58 39       0.55       2       p         0Z488       23 52 36       49 33       (1.5)       1       m         0Z489       23 54 42       46 10       0.22       1       p,c       p,c,n,4C54.49         0Z591       23 54 42       50 26       0.20       2       p       p,c         0Z491       23 54 45       52 57       0.30       2       p,							
0Z582       23 49 09       50 45       0.49       2       p         0Z482       23 49 26       41 03       0.41       1       p,0A005,4C41.26,VR041.23.01         0Z684       23 50 29       60 06       1.44       2       p,c         0Z585       23 51 10       55 53       0.19       2       p         0Z486       23 51 45       45 37       2.06       1       u,4C45.51         0Z586       23 51 46       51 24       0.34       2       p         0Z587       23 52 07       57 05       0.31       2       p         0Z588       23 52 17       58 39       0.55       2       p         0Z488       23 52 36       49 33       (1.5)       1       m         0Z489       23 52 54       46 10       0.22       1       p,c         0Z590       23 54 19       53 55       0.87       2       p,c,n,4C54.49         0Z591       23 54 42       44 30       0.21       1       p,c         0Z592       23 54 45       52 57       0.30       2       p,c         0Z492       23 54 58       47 19       2.84       1       u,4C47.63,DA613							p,0A006,4C45.50
0Z582       23 49 09       50 45       0.49       2       p         0Z482       23 49 26       41 03       0.41       1       p,0A005,4C41.26,VR041.23.01         0Z684       23 50 29       60 06       1.44       2       p,c         0Z585       23 51 10       55 53       0.19       2       p         0Z486       23 51 45       45 37       2.06       1       u,4C45.51         0Z586       23 51 46       51 24       0.34       2       p         0Z587       23 52 07       57 05       0.31       2       p         0Z588       23 52 17       58 39       0.55       2       p         0Z488       23 52 36       49 33       (1.5)       1       m         0Z489       23 52 54       46 10       0.22       1       p,c         0Z590       23 54 19       53 55       0.87       2       p,c,n,4C54.49         0Z591       23 54 42       44 30       0.21       1       p,c         0Z592       23 54 45       52 57       0.30       2       p,c         0Z492       23 54 58       47 19       2.84       1       u,4C47.63,DA613		0Z682	23 49 00	60 31	0.70	2	p,c
02684       23 50 29       60 06       1.44       2       p,c         0Z585       23 51 10       55 53       0.19       2       p         0Z486       23 51 45       45 37       2.06       1       u,4C45.51         0Z586       23 51 46       51 24       0.34       2       p         0Z587       23 52 07       57 05       0.31       2       p         0Z588       23 52 17       58 39       0.55       2       p         0Z488       23 52 36       49 33       (1.5)       1       m         0Z489       23 52 54       46 10       0.22       1       p,c         0Z590       23 54 19       53 55       0.87       2       p,c,n,4C54.49         0Z591       23 54 26       50 26       0.20       2       p         0Z491       23 54 42       44 30       0.21       1       p,c         0Z592       23 54 45       52 57       0.30       2       p,c         0Z492       23 54 58       47 19       2.84       1       u,4C47.63,DA613		0 <b>Z582</b>	23 49 09	50 45	0.49	2	
0Z585       23 51 10       55 53       0.19       2       p         0Z486       23 51 45       45 37       2.06       1       u,4C45.51         0Z586       23 51 46       51 24       0.34       2       p         0Z587       23 52 07       57 05       0.31       2       p         0Z588       23 52 17       58 39       0.55       2       p         0Z488       23 52 36       49 33       (1.5)       1       m         0Z489       23 52 54       46 10       0.22       1       p,c         0Z590       23 54 19       53 55       0.87       2       p,c,n,4C54.49         0Z591       23 54 26       50 26       0.20       2       p         0Z491       23 54 42       44 30       0.21       1       p,c         0Z592       23 54 45       52 57       0.30       2       p,c         0Z492       23 54 58       47 19       2.84       1       u,4C47.63,DA613							
0Z486       23 51 45       45 37       2.06       1       u,4C45.51         0Z586       23 51 46       51 24       0.34       2       p         0Z587       23 52 07       57 05       0.31       2       p         0Z588       23 52 17       58 39       0.55       2       p         0Z488       23 52 36       49 33       (1.5)       1       m         0Z489       23 52 54       46 10       0.22       1       p,c         0Z590       23 54 19       53 55       0.87       2       p,c,n,4C54.49         0Z591       23 54 26       50 26       0.20       2       p         0Z491       23 54 42       44 30       0.21       1       p,c         0Z592       23 54 45       52 57       0.30       2       p,c         0Z492       23 54 58       47 19       2.84       1       u,4C47.63,DA613							
0Z586       23 51 46       51 24       0.34       2       p         0Z587       23 52 07       57 05       0.31       2       p         0Z588       23 52 17       58 39       0.55       2       p         0Z488       23 52 36       49 33       (1.5)       1       m         0Z489       23 52 54       46 10       0.22       1       p,c         0Z590       23 54 19       53 55       0.87       2       p,c,n,4C54.49         0Z591       23 54 26       50 26       0.20       2       p         0Z491       23 54 42       44 30       0.21       1       p,c         0Z592       23 54 45       52 57       0.30       2       p,c         0Z492       23 54 58       47 19       2.84       1       u,4C47.63,DA613							
0Z588       23 52 17       58 39       0.55       2 p         0Z488       23 52 36       49 33       (1.5)       1 m         0Z489       23 52 54       46 10       0.22 1 p,c       0.2590         0Z590       23 54 19       53 55 0.87 2 p,c,n,4C54.49       0.2591       23 54 26 50 26 0.20 2 p         0Z491       23 54 42 44 30 0.21 1 p,c       0.21 1 p,c       0.2592 23 54 45 52 57 0.30 2 p,c         0Z492       23 54 58 47 19 2.84 1 u,4C47.63,DA613			23 51 46	51 24	0.34	2	
0Z488     23 52 36     49 33     (1.5)     1     m       0Z489     23 52 54     46 10     0.22     1     p,c       0Z590     23 54 19     53 55     0.87     2     p,c,n,4C54.49       0Z591     23 54 26     50 26     0.20     2     p       0Z491     23 54 42     44 30     0.21     1     p,c       0Z592     23 54 45     52 57     0.30     2     p,c       0Z492     23 54 58     47 19     2.84     1     u,4C47.63,DA613							
02489							
0Z590     23 54 19     53 55     0.87     2     p,c,n,4C54.49       0Z591     23 54 26     50 26     0.20     2     p       0Z491     23 54 42     44 30     0.21     1     p,c       0Z592     23 54 45     52 57     0.30     2     p,c       0Z492     23 54 58     47 19     2.84     1     u,4C47.63,DA613				46 10			
02591     23 54 26     50 26     0.20     2     p       0Z491     23 54 42     44 30     0.21     1     p,c       0Z592     23 54 45     52 57     0.30     2     p,c       0Z492     23 54 58     47 19     2.84     1     u,4C47.63,DA613							
0Z491 23 54 42 44 30 0.21 1 p,c 0Z592 23 54 45 52 57 0.30 2 p,c 0Z492 23 54 58 47 19 2.84 1 u,4C47.63,DA613							
0Z492 23 54 58 47 19 2.84 1 u,4C47.63,DA613		02491	23 54 42		0.21	1	p,c
		02592	23 54 45	52 57	0.30	2	p,c
02492./ 23 55 36 49 03 (0.9) 1 m,u,4C49.48,4CP49.48							
		02492.7	23 55 36	49 03	(0.9)	1	m,u,4U49.48,4UF49.48

Table III (continued)

	Celestial co (1950		$S_{1415}$		
Source	α	δ	(f.u.)	Part	Remarks
0 <b>Z</b> 493	23 <sup>h</sup> 56 <sup>m</sup> 04 <sup>s</sup>	+43°45'	1.95	1	p,c,3C470,4C43.59,NRAO725,DA614,LHE546, VRO43.23.02
OZ494	23 57 05	40 41	0.19	1	p,c
02495	23 57 14	43 50	0.27	1	p,c
0 <b>Z59</b> 5	23 57 39	56 51	0.40	2	p,c
0Z596	23 57 54	55 22	1.56	2	p,c,n,4C55.42,4CP55.42
0 <b>Z</b> 597	23 58 15	51 38	0.39	2	p
0 <b>Z</b> 697	23 58 17	60 00	(0.6)	2	m,p,c
0 <b>Z496</b>	23 58 19	40 36	1.21	1	p,c,OA014,LHE547,VRO40.23.05
0Z698	23 58 32	60 56	0.56	2	p,c
0 <b>Z49</b> 7	23 58 40	41 38	0.61	ĩ	p,c,OA016,3C471,4C41.47,NRAO726,VRO41.23.02
0Z498	23 58 52	44 23	0.36	1	p
0 <b>Z59</b> 8	23 58 58	52 45	0.35	2	p,4C52.52
0 <b>Z599</b>	23 59 11	56 48	0.18	2	p,c
0 <b>Z599.</b> 8	23 59 53	51 24	0.18	2	p,c

densities. As such classification is subjective, the map contours of each source and the region nearby should be studied before drawing conclusions about the nature of the source

There are a considerable number of sources in Survey V with flux densities above 1 f.u. at 1415 MHz which have not been previously catalogued. Their absence from lower-frequency surveys of the region suggests that they may have unusual spectra. Some of these sources have been studied separately (Kraus and Andrew 1970; Andrew and Kraus 1970; Wills, Kraus, and Andrew (1971), and Conklin, Andrew, Wills, and Kraus (1971).

## III. COMPARISON WITH OTHER SURVEYS

Several earlier surveys have been made in regions of the sky covered by Survey V. Using completed Survey V contour maps, the positions of previously catalogued sources were examined for the presence of Ohio sources. A source was counted as "found" if its position was near a cross or was within or very near a closed contour on the map, regardless of whether or not that contour was interpreted as a source and assigned an Ohio name. Allowance was made for position errors and, in the case of the 4C survey, for lobe-shifted positions. If a source was not found it means that we detected nothing exceeding 0.1 f.u. at or near its position at 1415 MHz.

TABLE IV. Comparison with other surveys.

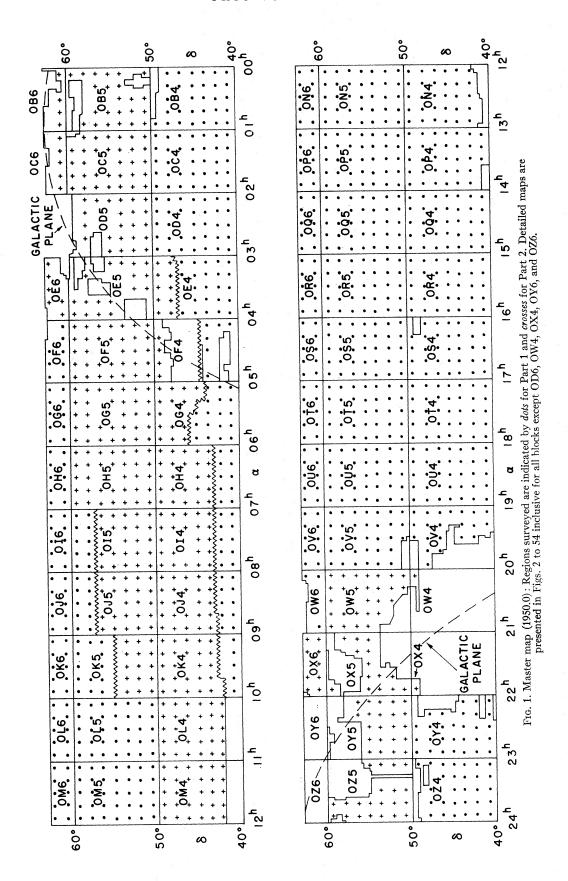
Survey	$egin{aligned} \operatorname{Freq}.\ (\operatorname{MHz}) \end{aligned}$	Number in Ohio Survey V	Percen found
OA	1415	105	91
NRAO	750; 1400	133	98
DA	1420	110	98
3C	159	97	95
4C	178	845	98
4CP	178	543	97
BP	408: 1407	195	67
LHE	408	275	82
VRO	610	222	96

Table IV gives the number of sources in the other surveys in the area of overlap with Survey V and the percentage of sources found. For an explanation of the abbreviations in the "Survey" column of Table IV, reference may be made to earlier installments or to Dixon (1970).

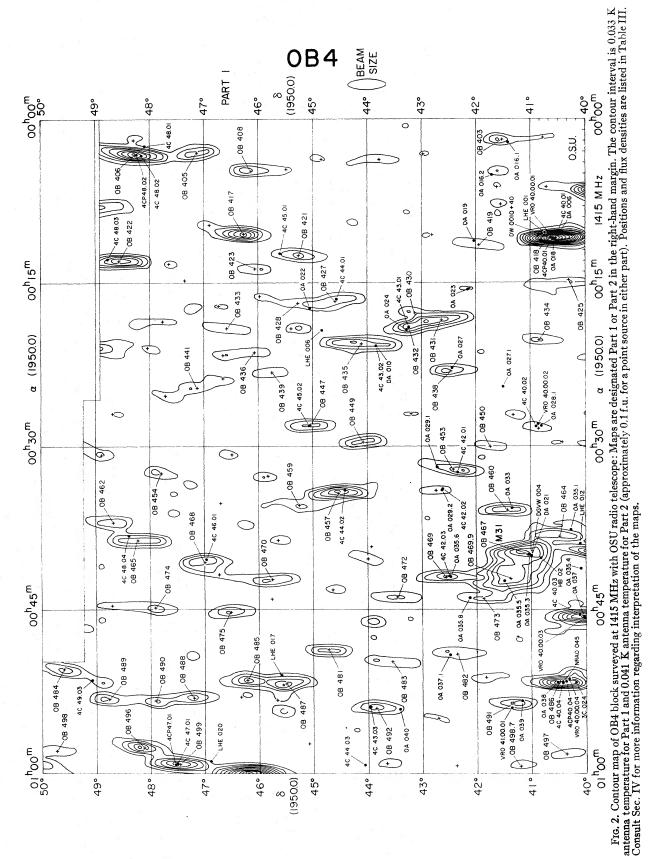
## IV. CONTOUR MAPS

As in Surveys III and IV, the sky is divided into blocks of one hour in right ascension by 10 deg in declination. Each block or portion thereof is identified by the appropriate Ohio Survey designation. Sources in the Ohio survey have designations such as OQ510. The first letter (O) stands for Ohio while the second letter indicates the hour of right ascension from B for 00 hours to Z for 23 hours. The letter O is omitted while A is reserved for the OA (first) Ohio list (Kraus 1966). The first number indicates the declination zone and the last numbers give the hundredths of the hour in right ascension. Thus, OQ510 indicates a source close to 14h10 right ascension and between +50° and +60° declination. The 1h by 10° block of sky containing OQ510 is designated OQ5 and covers 14h to 15h and +50° to +60° declination. An extra digit is employed in a few source designations such as OC513.8 where a number of sources cluster near the same right ascension. Thus OC513.8 indicates a source between 50° and 60° north declination and close to 1.138 right ascension.

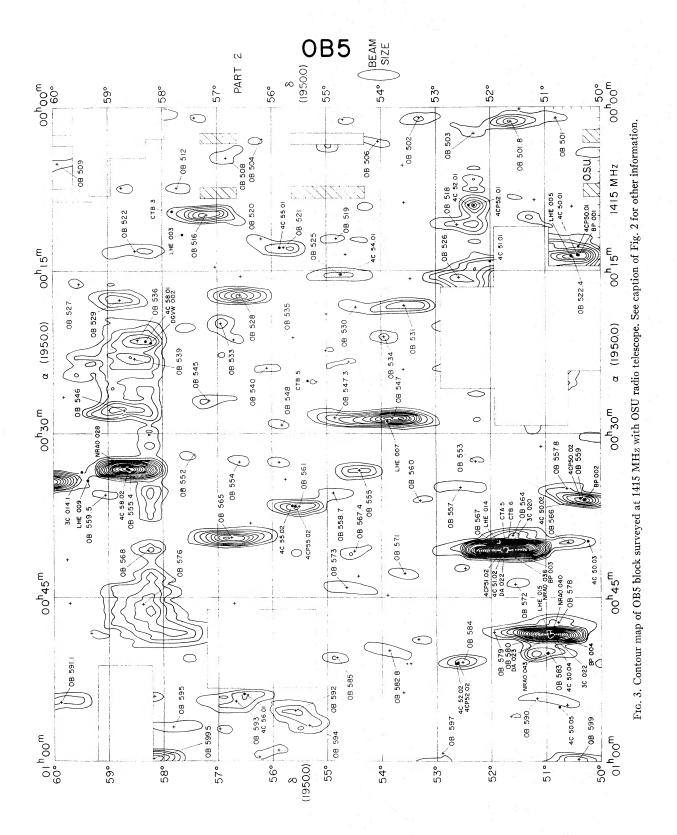
Figure 1 is a master map of the region observed in the present survey with designations for the 67 blocks of the sky in the regions covered. The areas covered in Parts 1 and 2 of the survey are also indicated. As shown in Fig. 1, the area covered in the present survey is about 86.3% of the area between 40° and 63° north declination. The regions omitted include the Galactic Plane and some areas lost by equipment malfunction. Detailed maps of each of the blocks (except OD6, OW4, OX4, OY6, OZ6) are presented in Figs. 2 to 54 inclusive. Because of the drift-removal procedure in



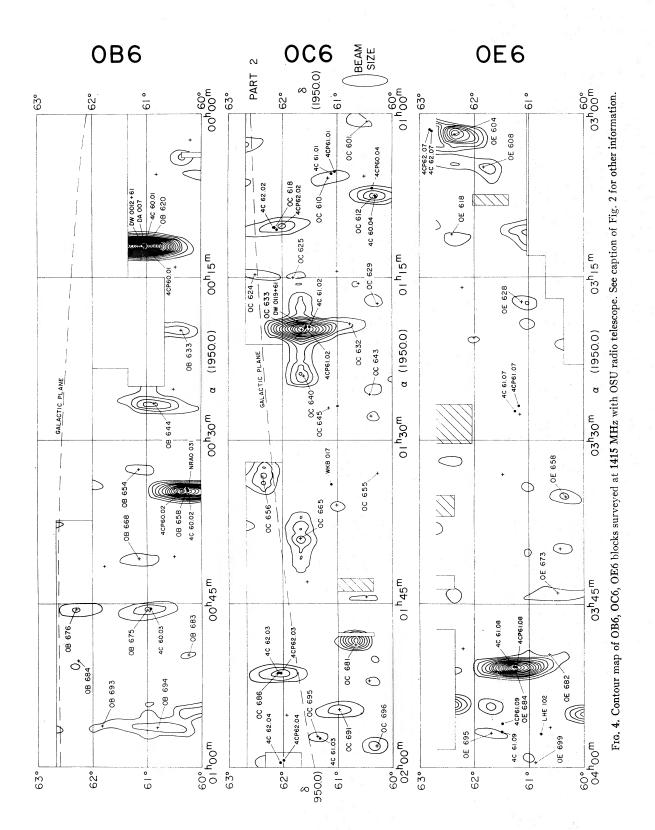
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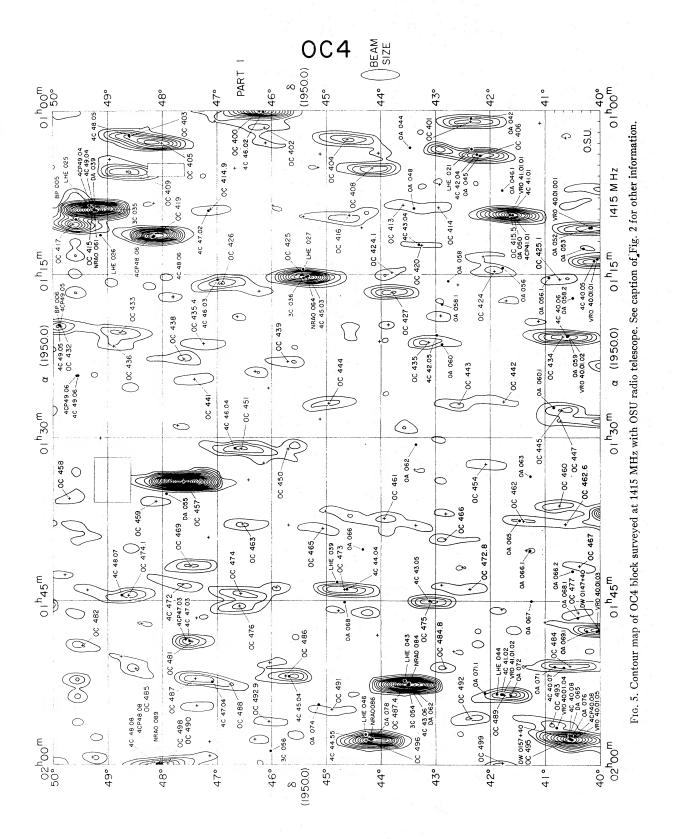
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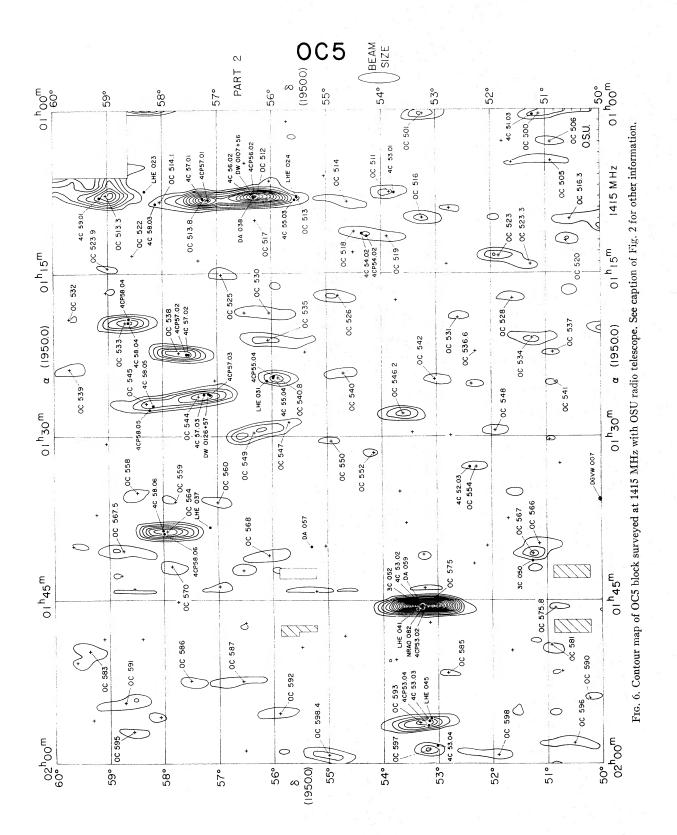
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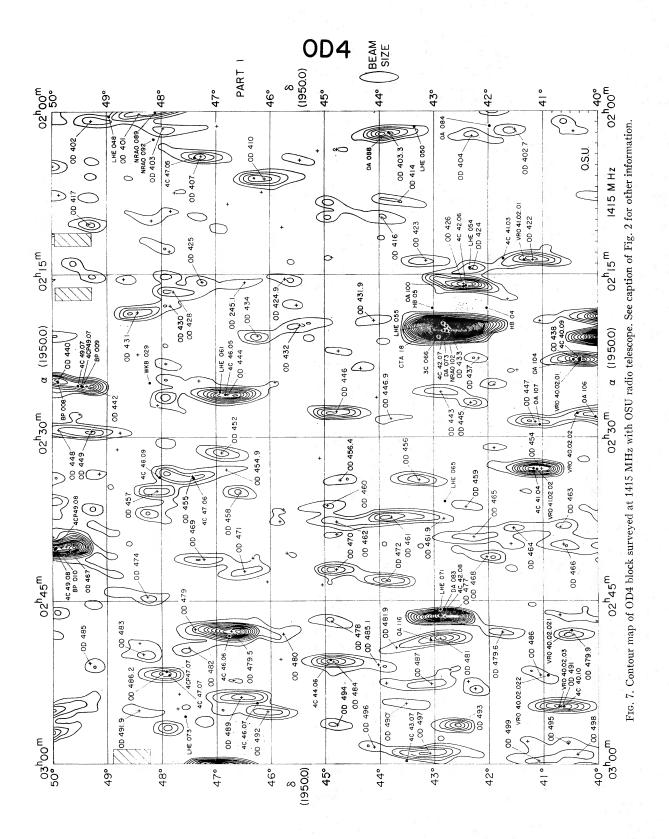
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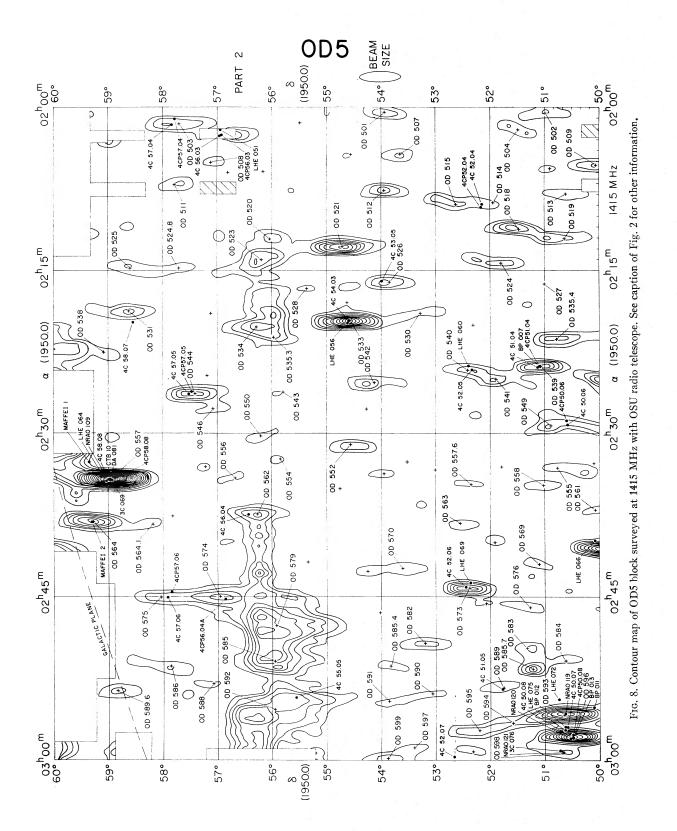
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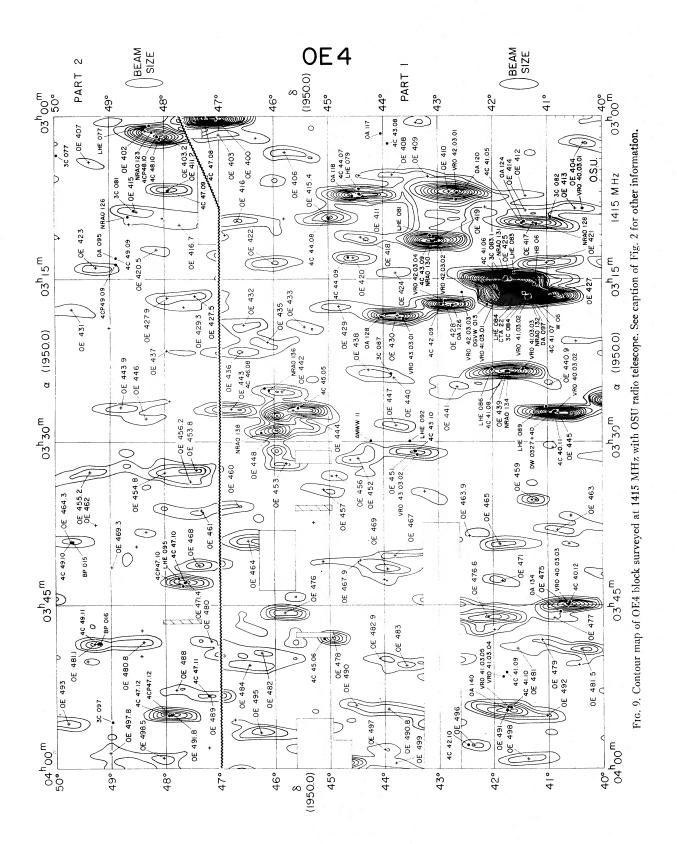
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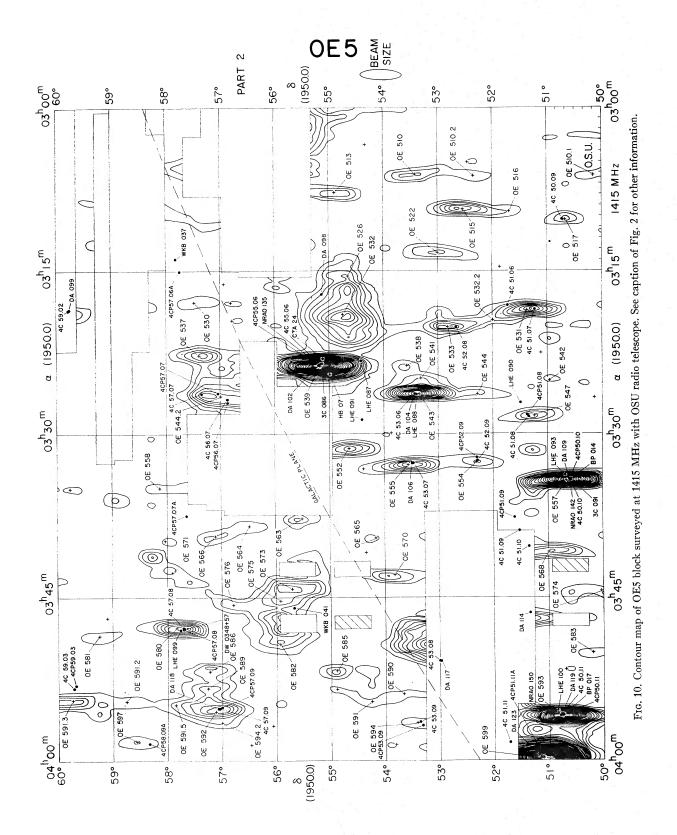
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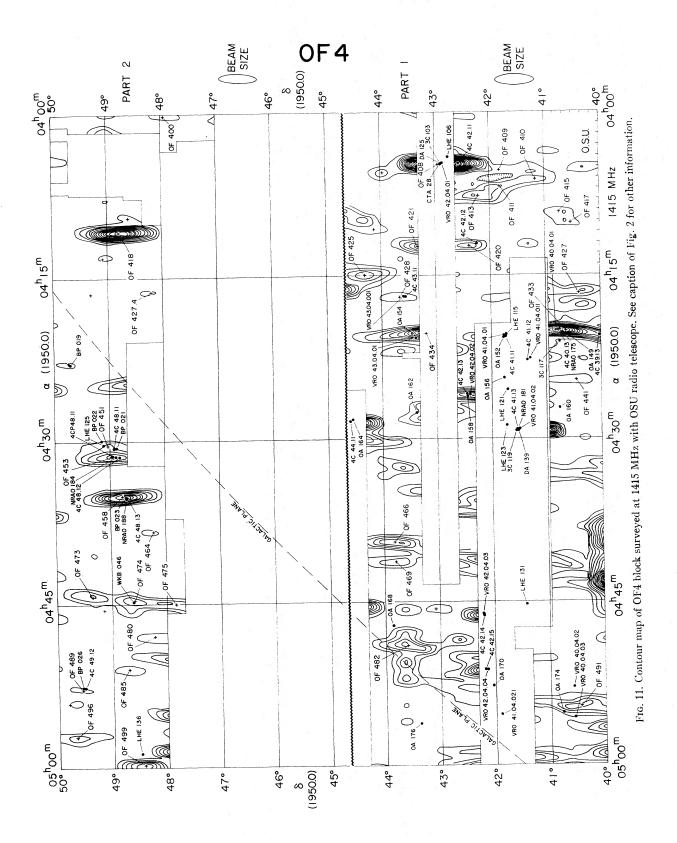
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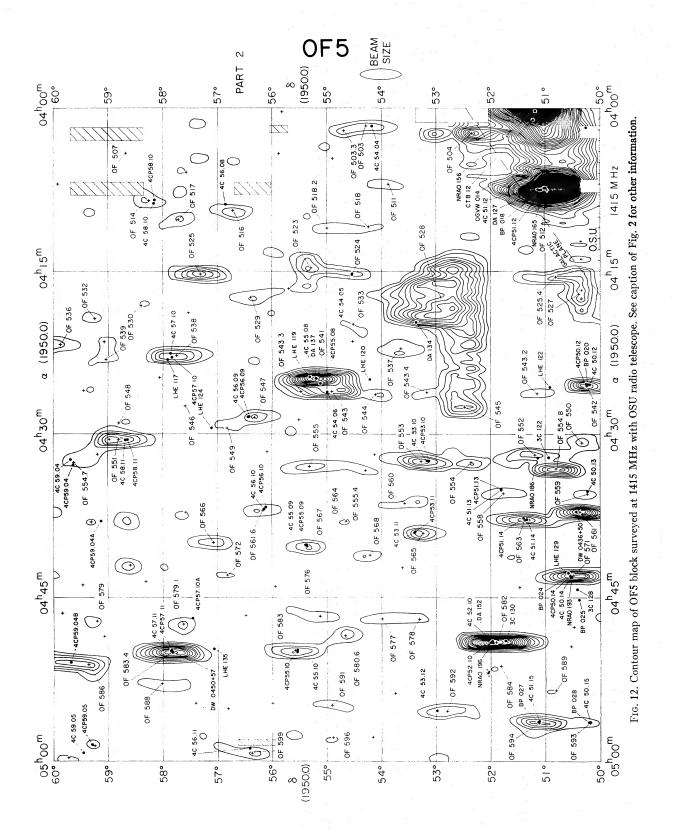
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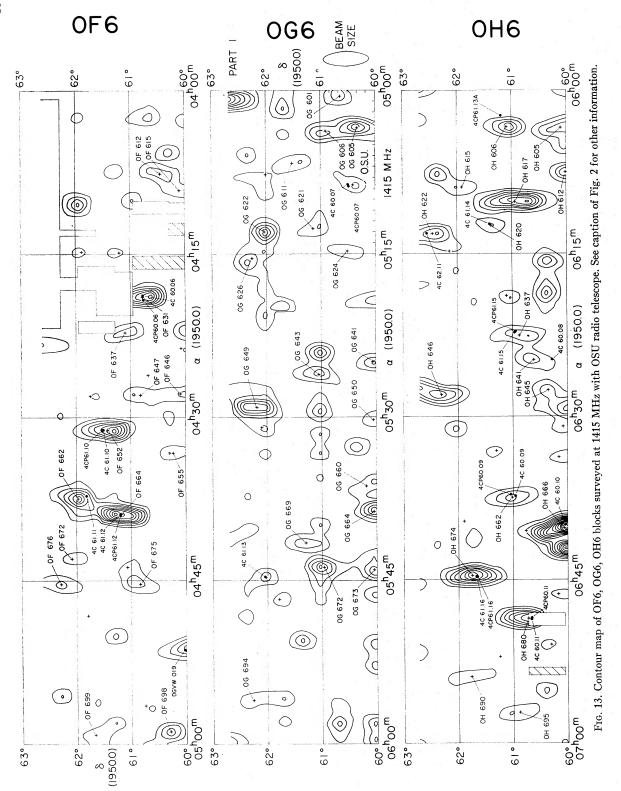
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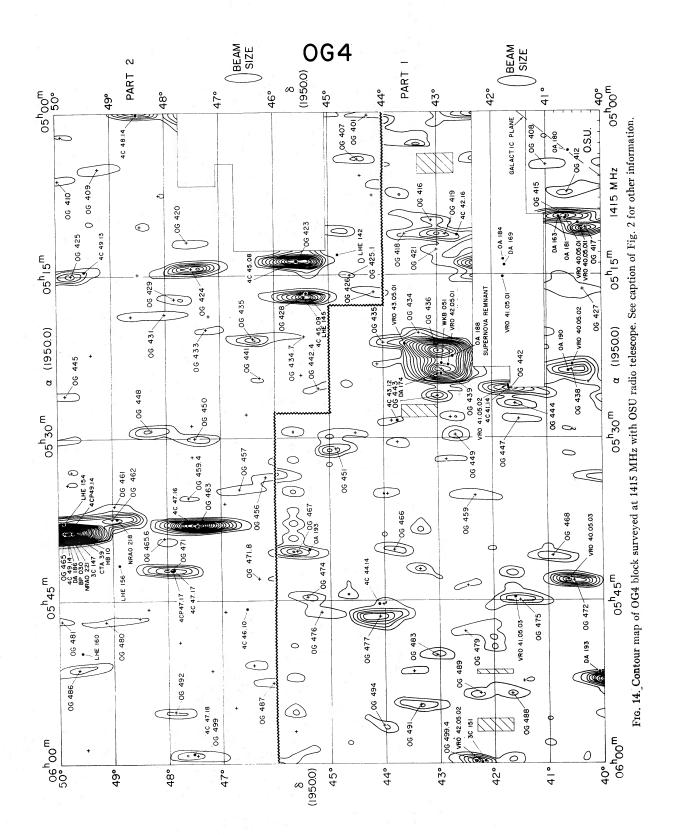
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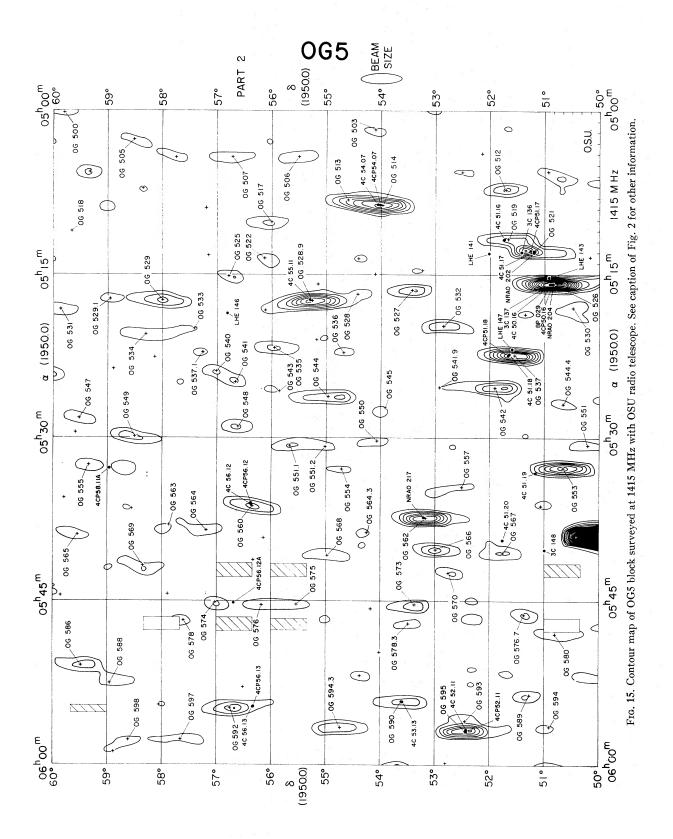
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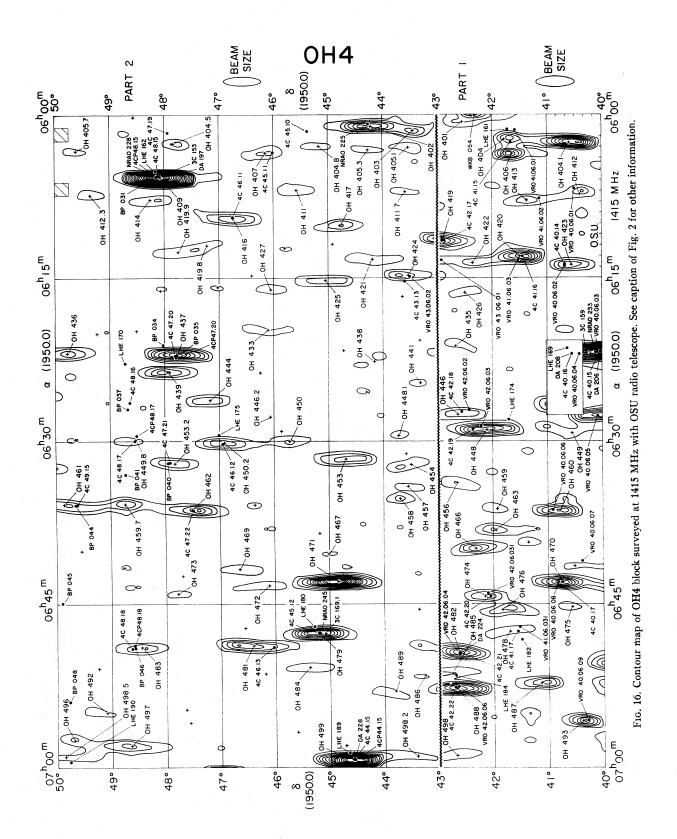
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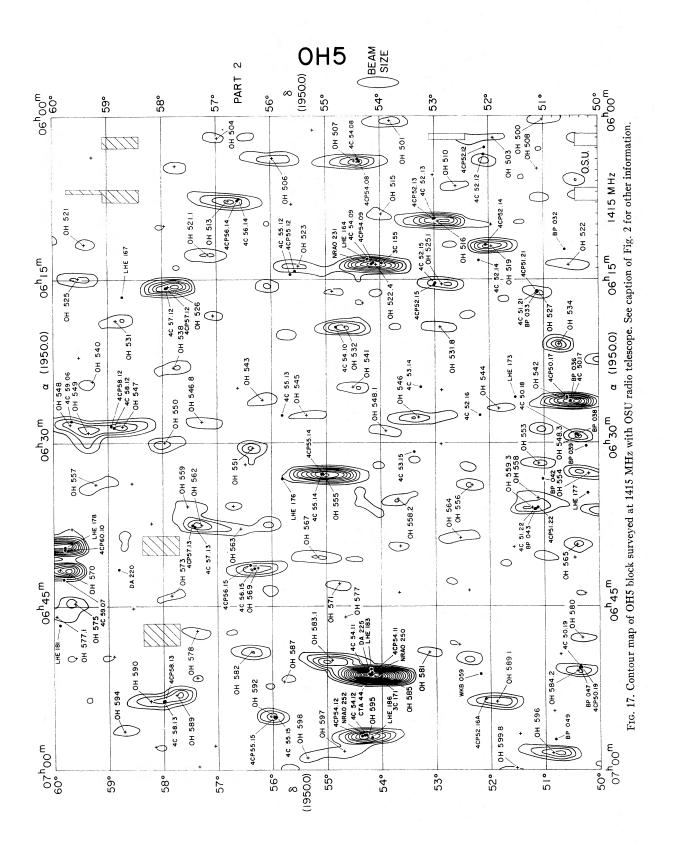
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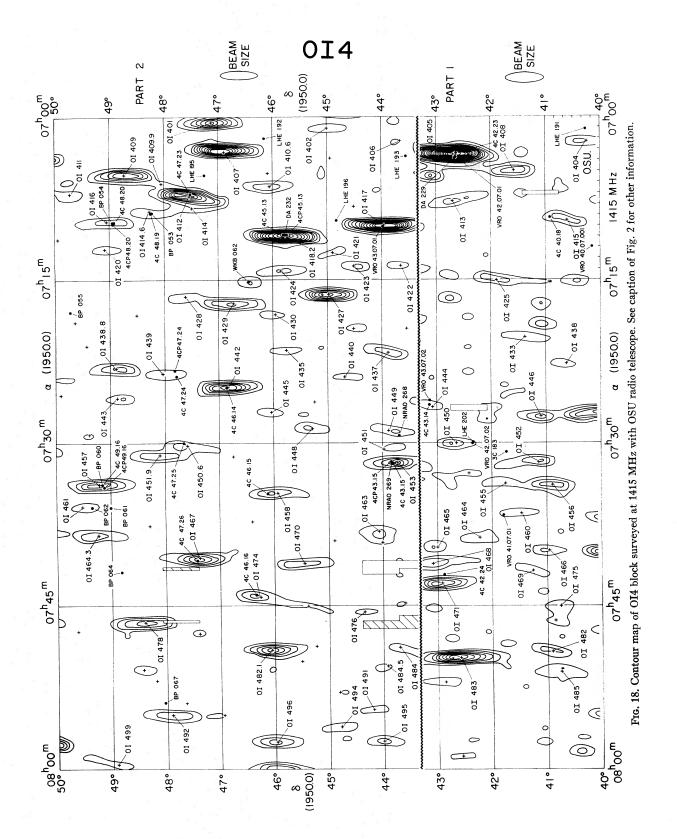


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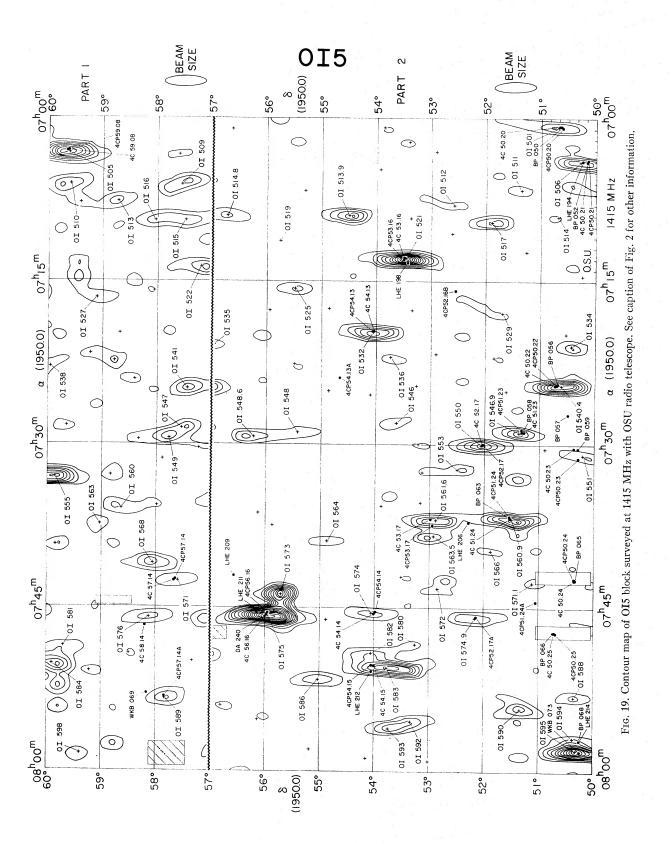


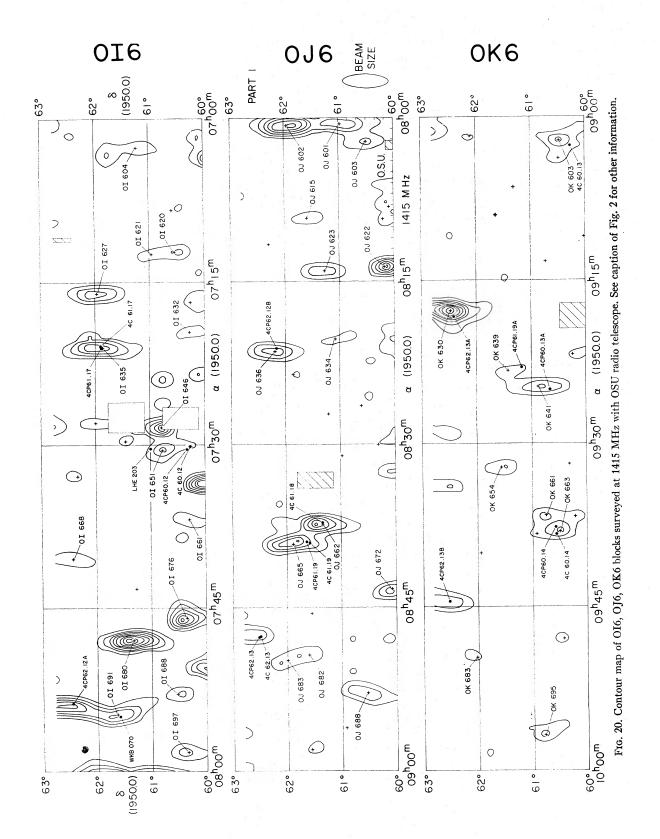
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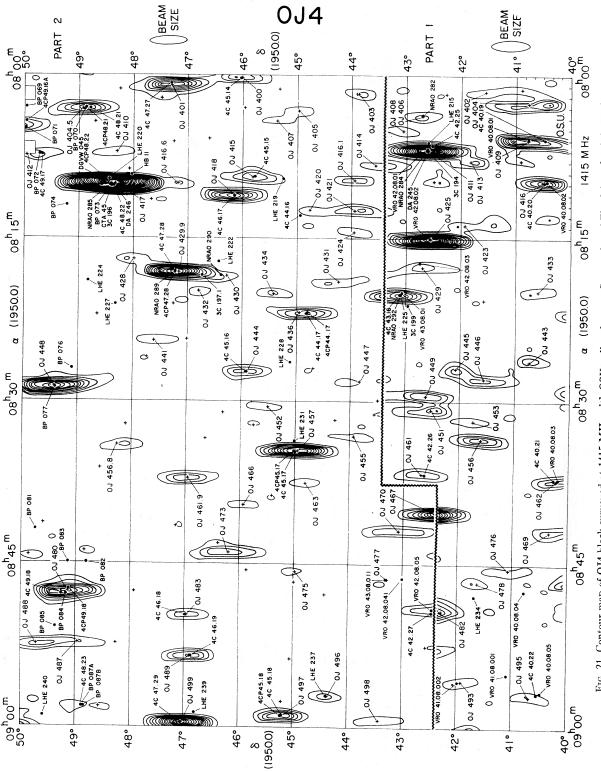
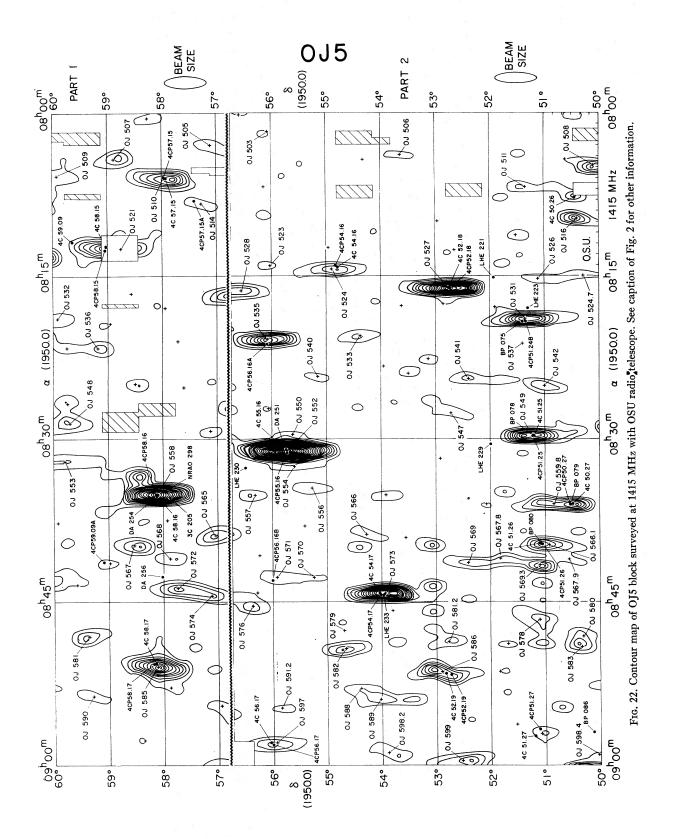
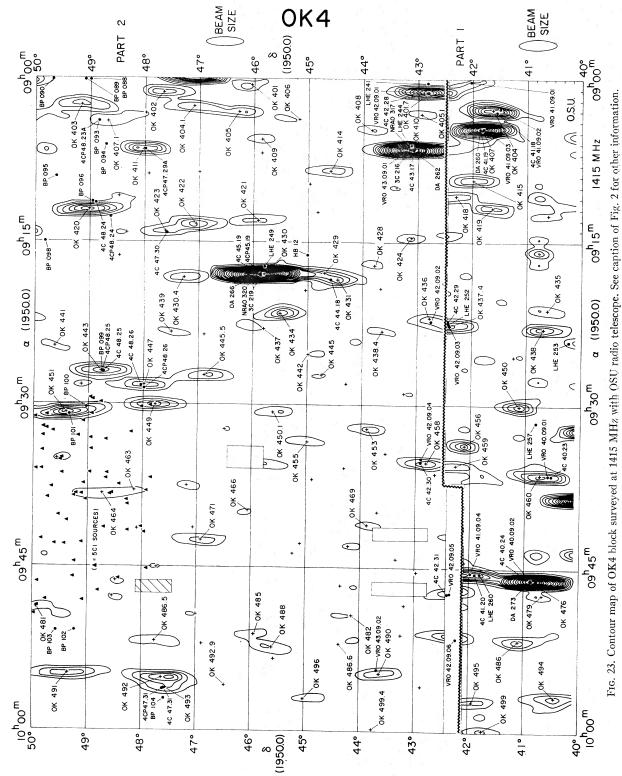
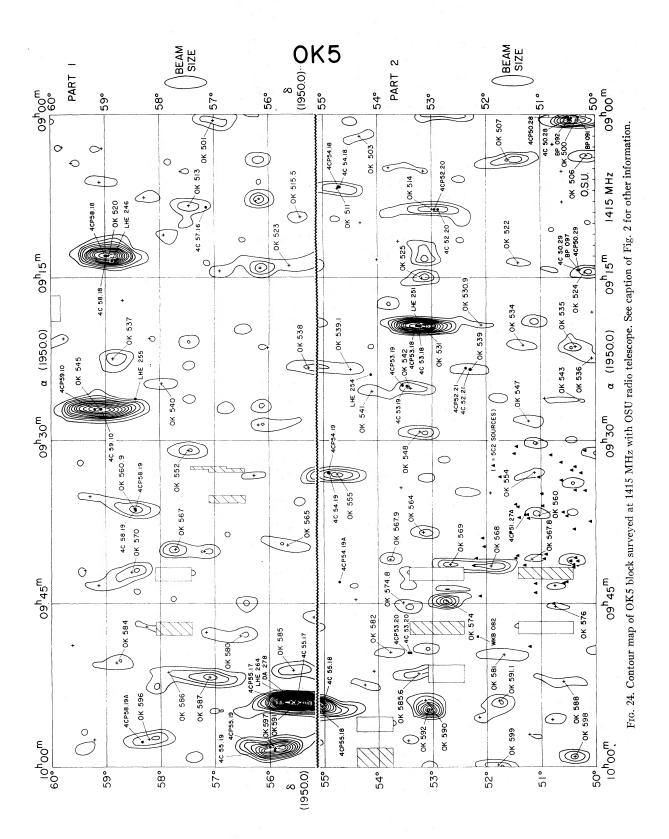


Fig. 21. Contour map of OJ4 block surveyed at 1415 MHz with OSU radio telescope. See caption of Fig. 2 for other information.

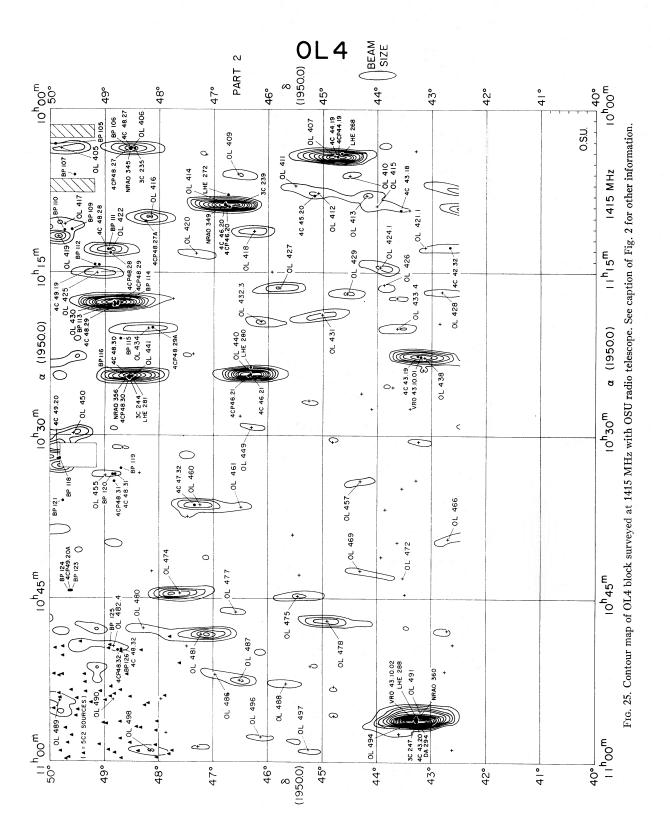


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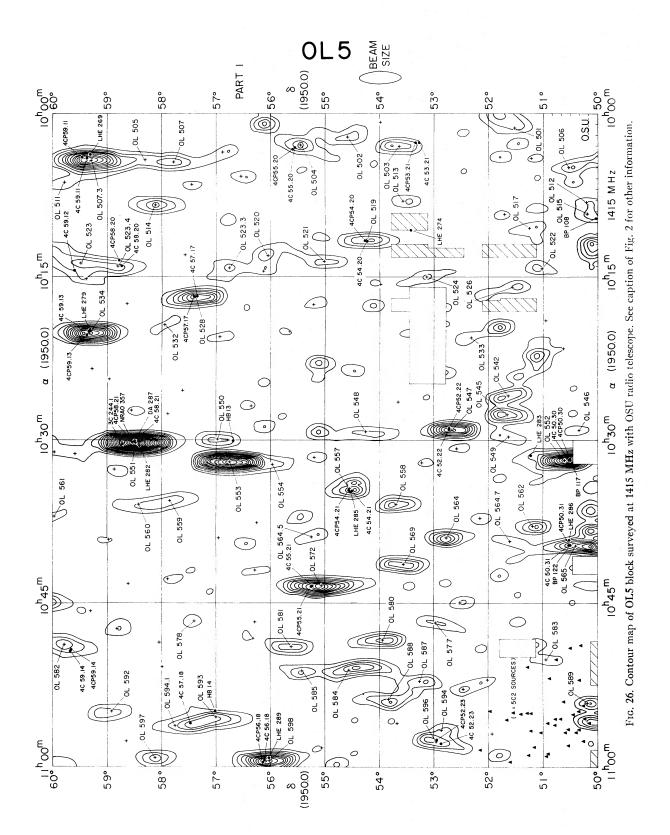




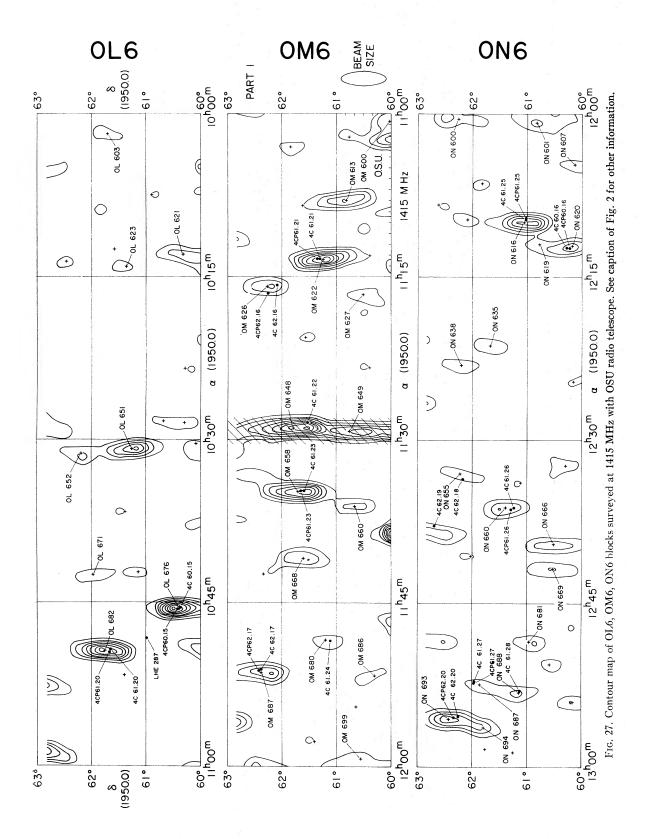
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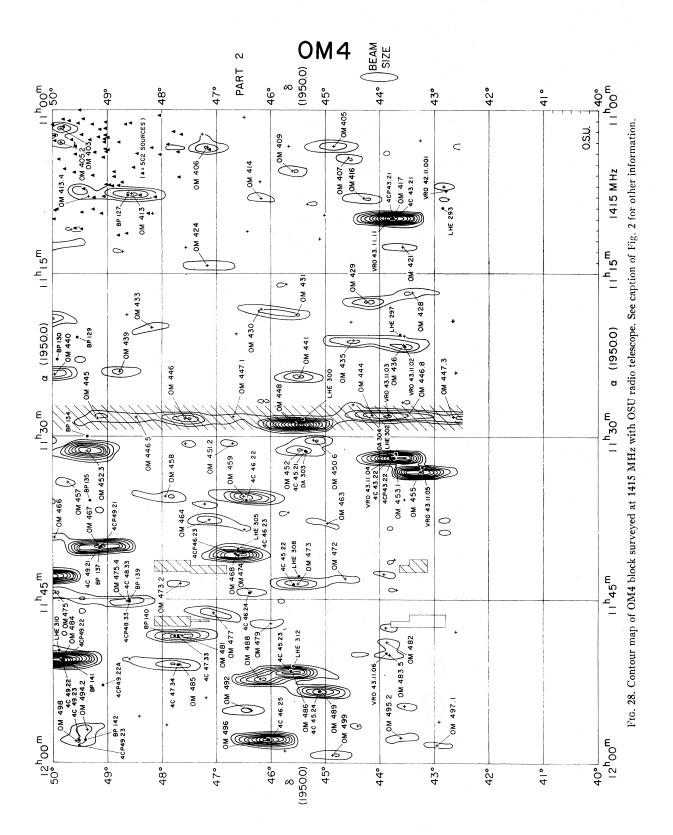


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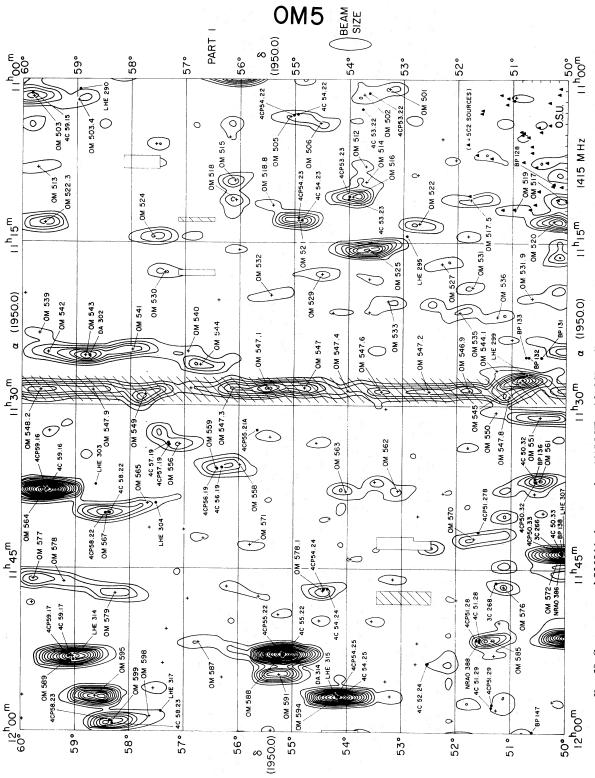


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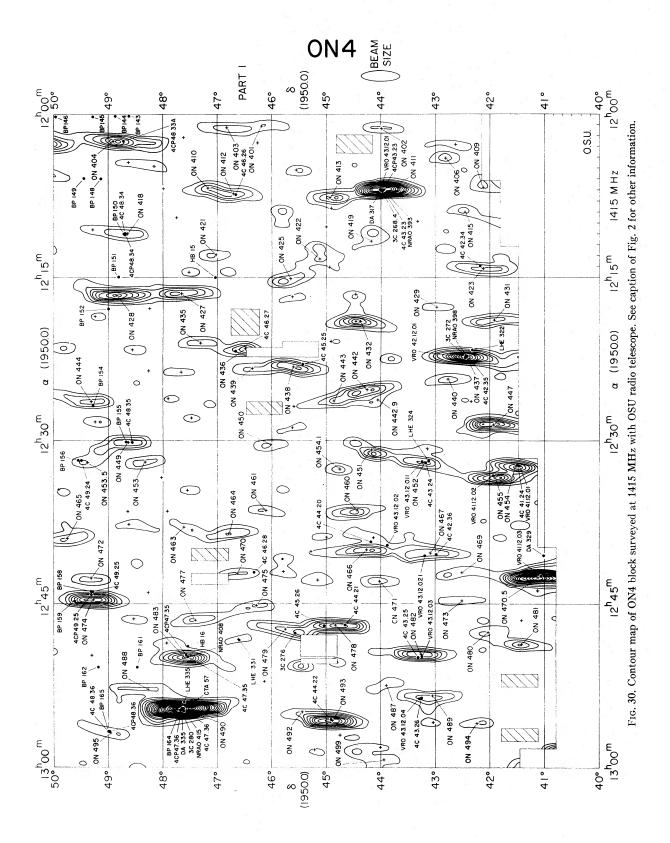




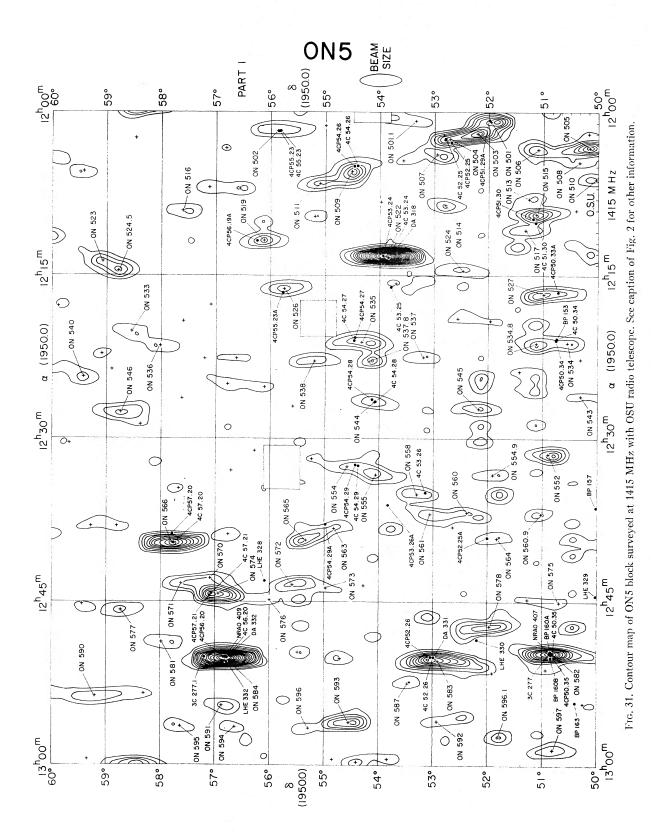
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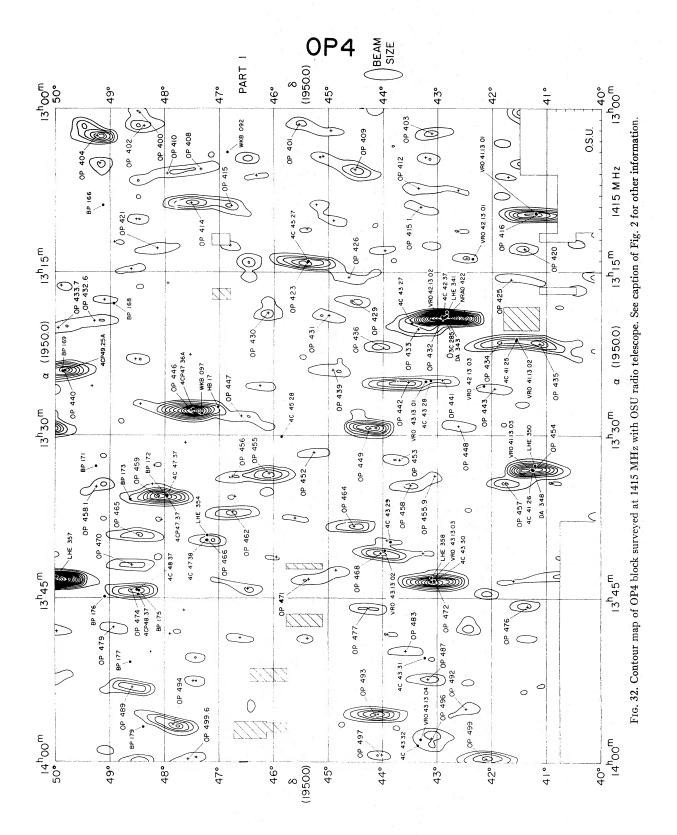
Fro. 29. Contour map of OM5 block surveyed at 1415 MHz with OSU radio telescope. See caption of Fig. 2 for other information.

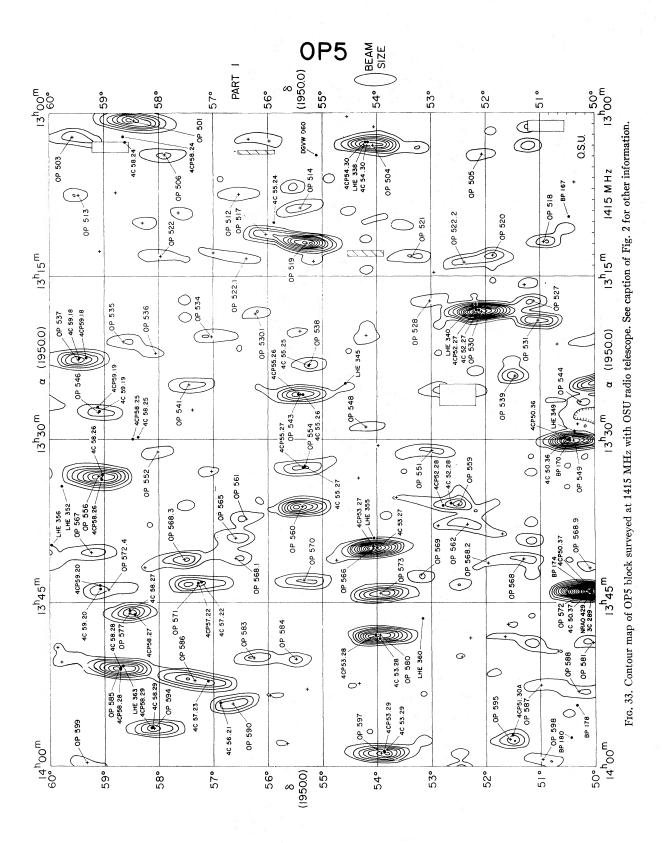


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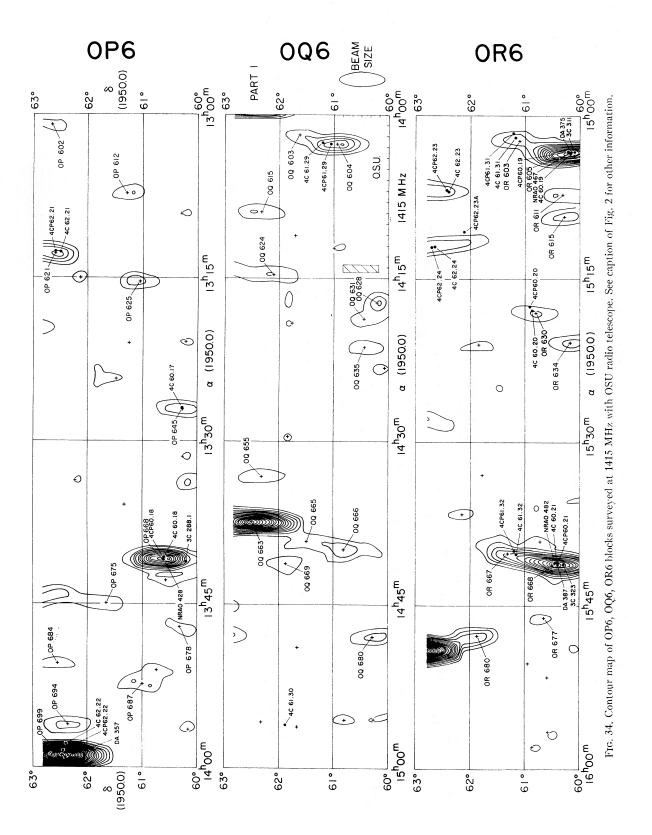


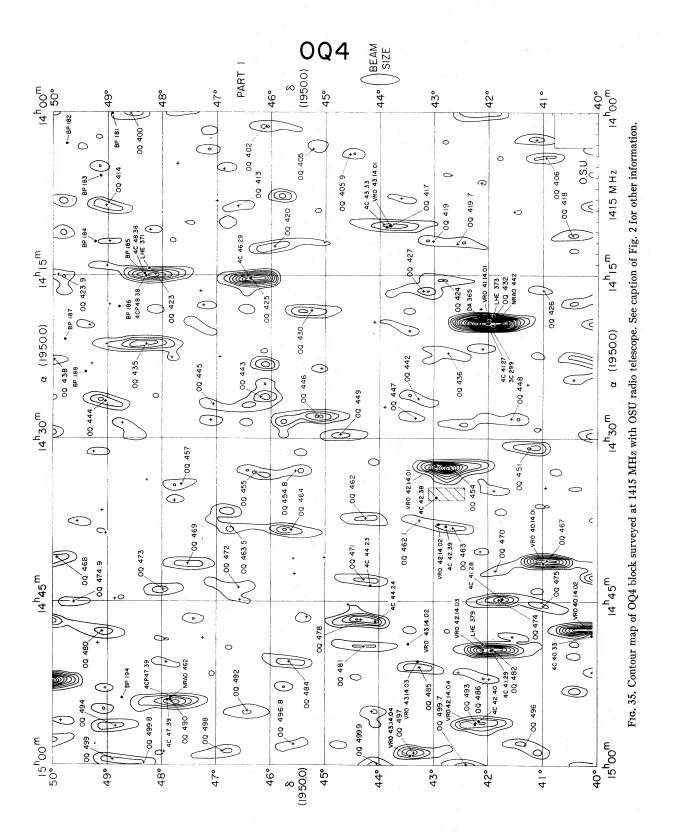
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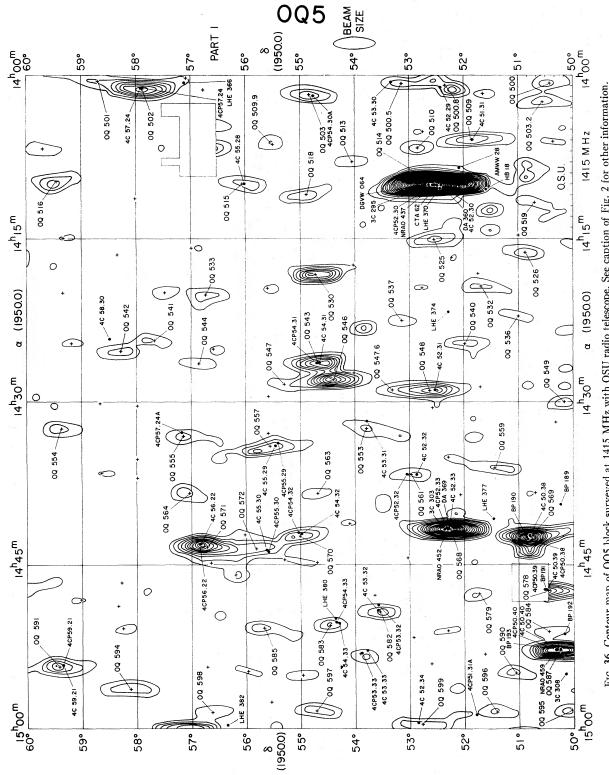


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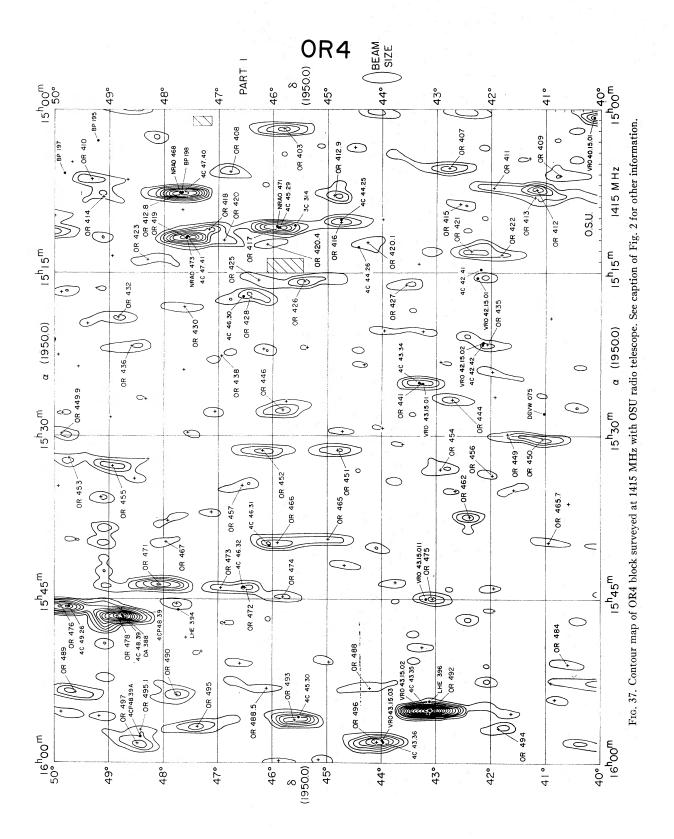




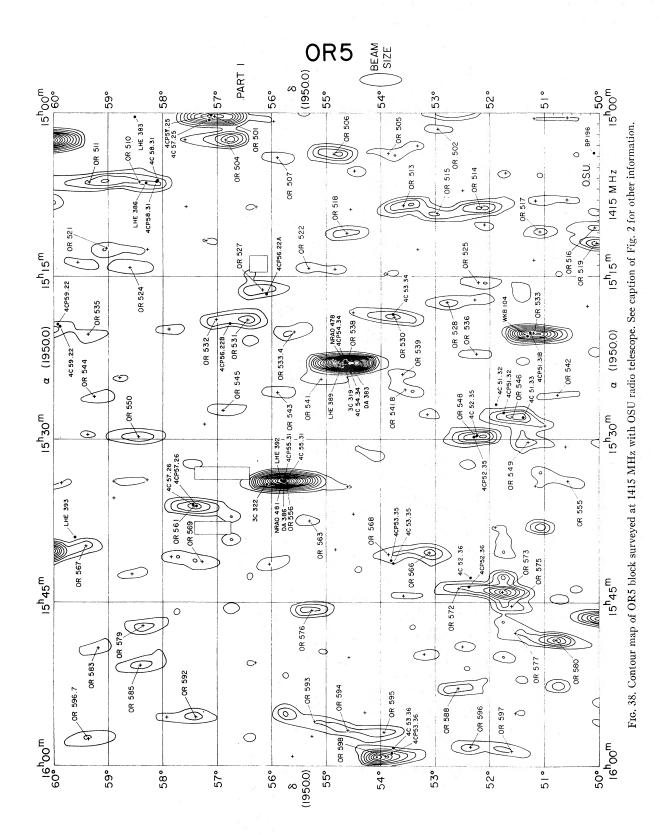
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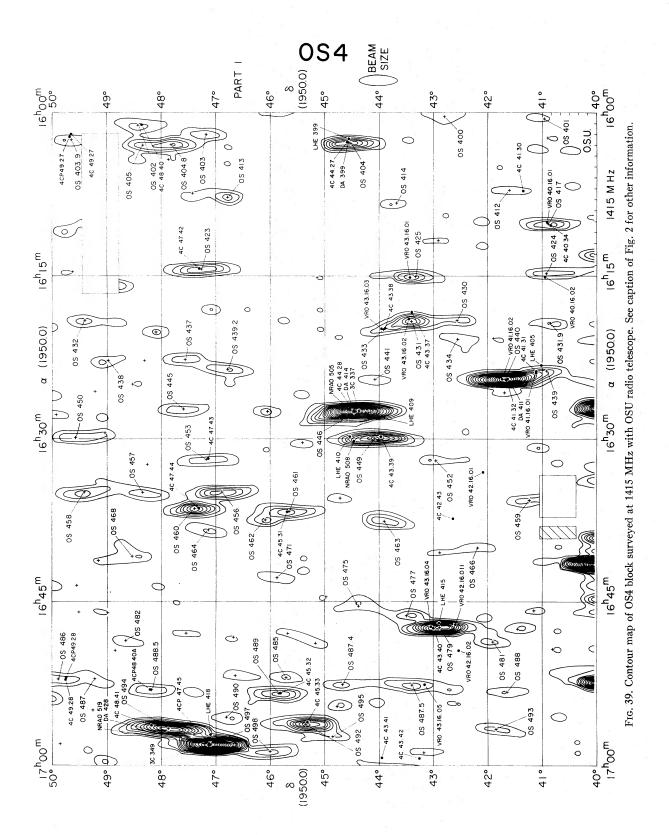
Fro. 36. Contour map of OQ5 block surveyed at 1415 MHz with OSU radio telescope. See caption of Fig. 2 for other information.

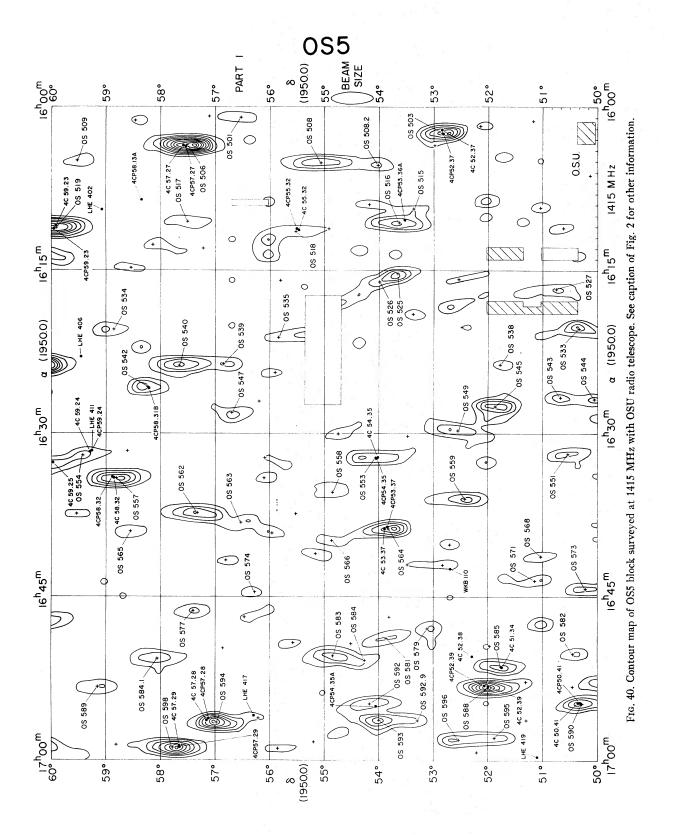


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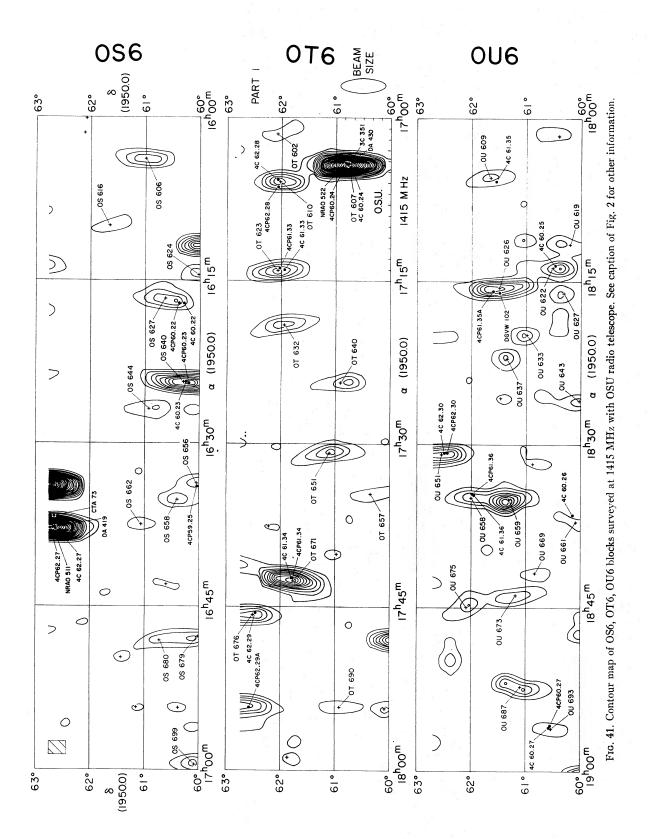


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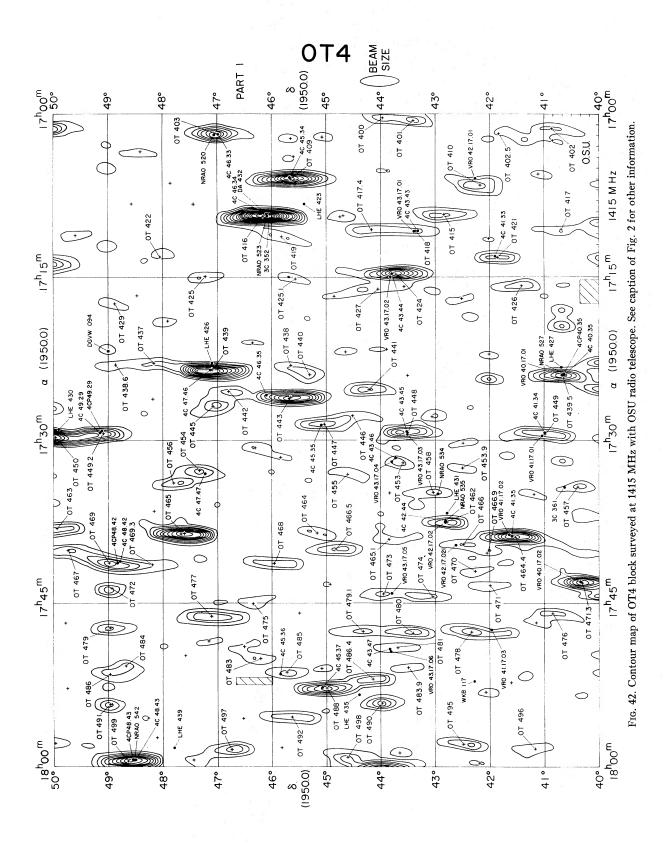




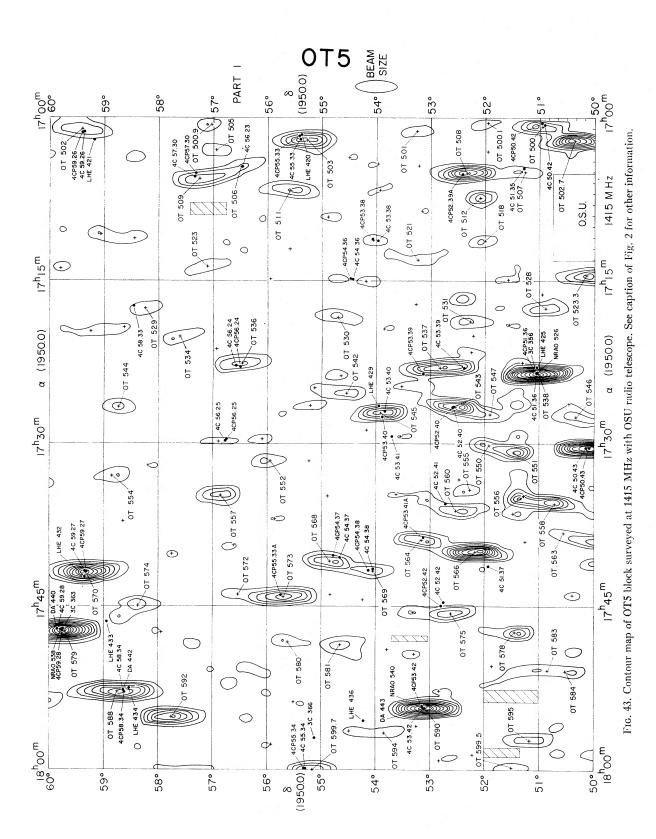
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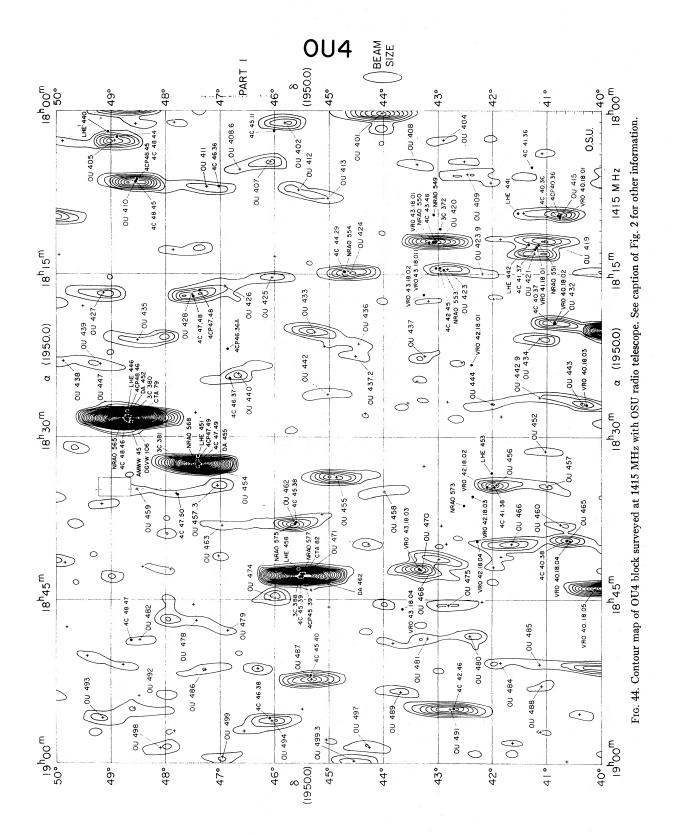
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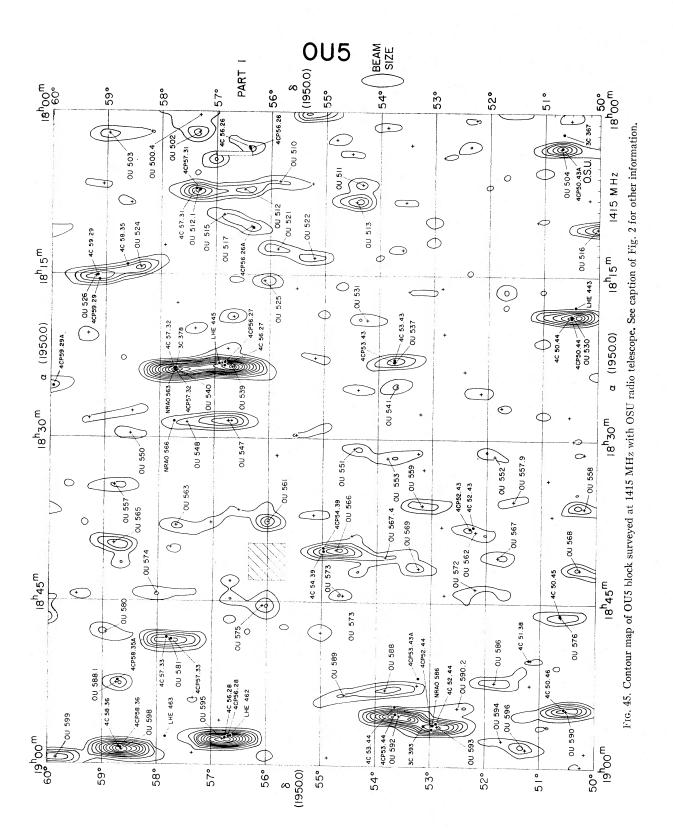
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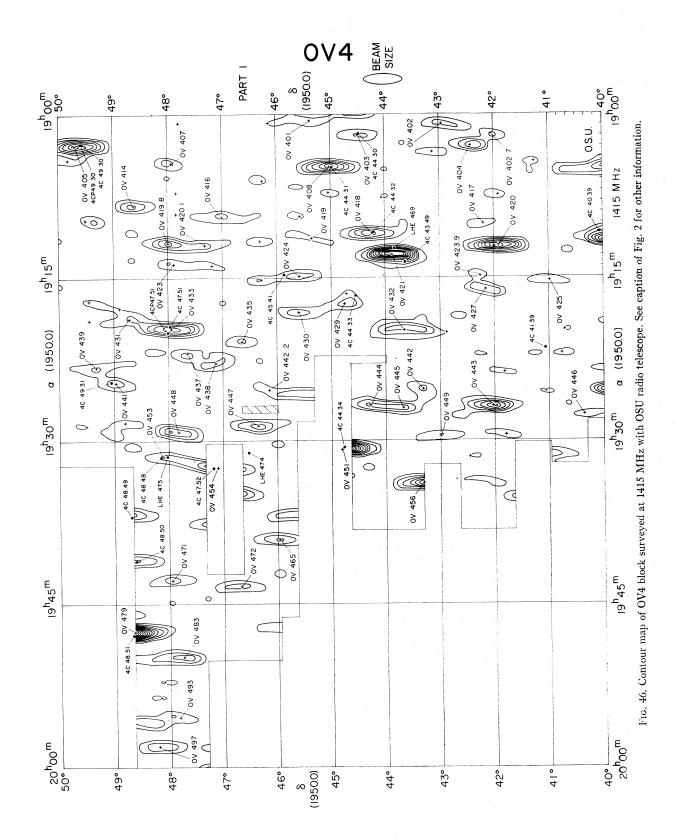


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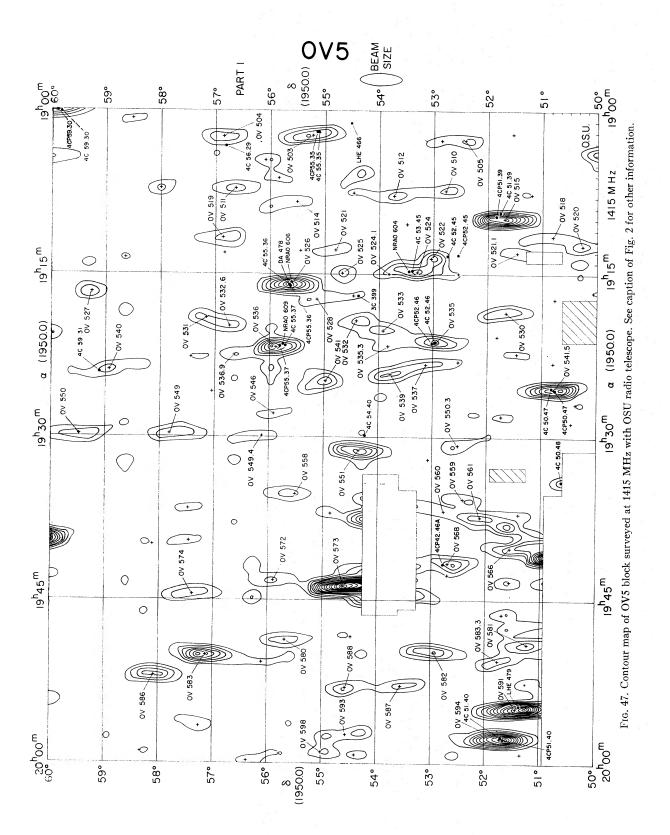


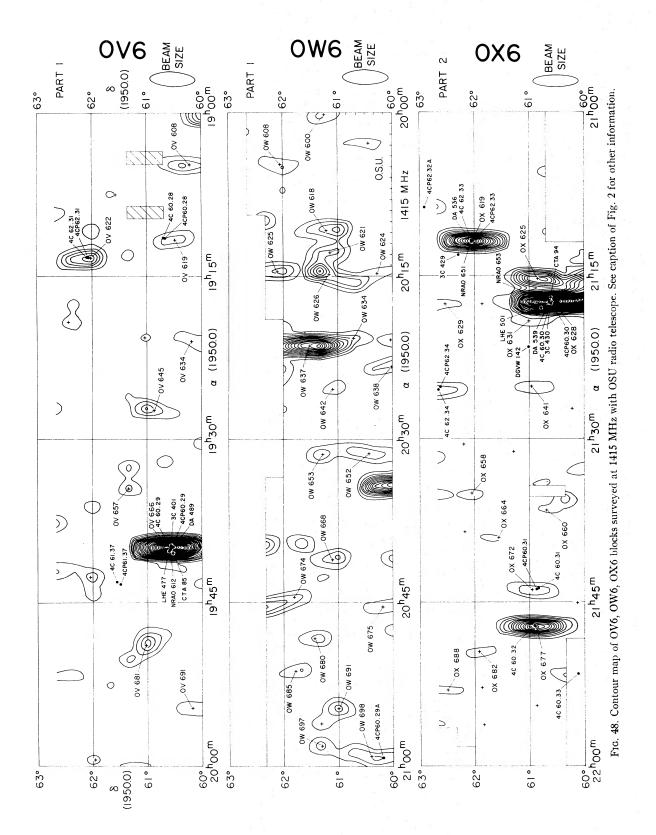
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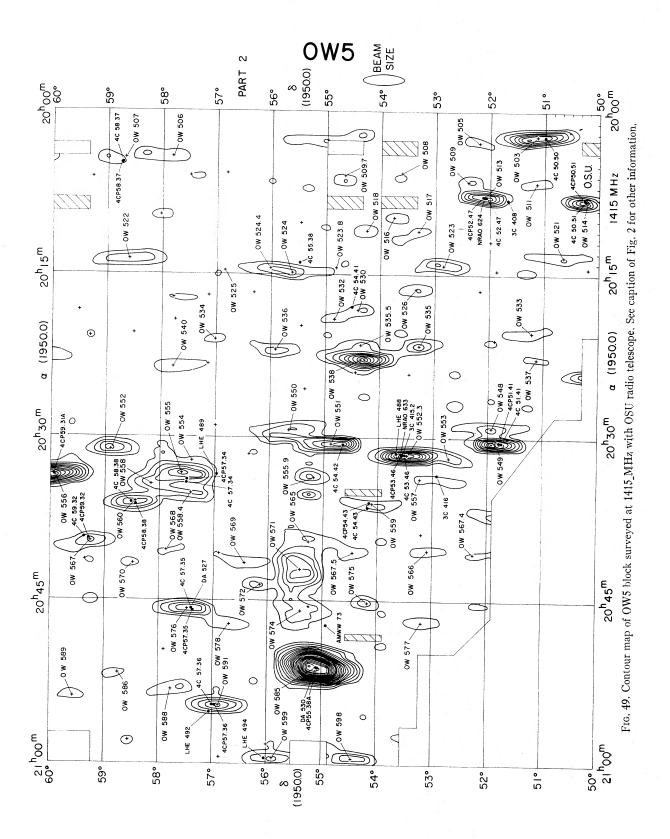




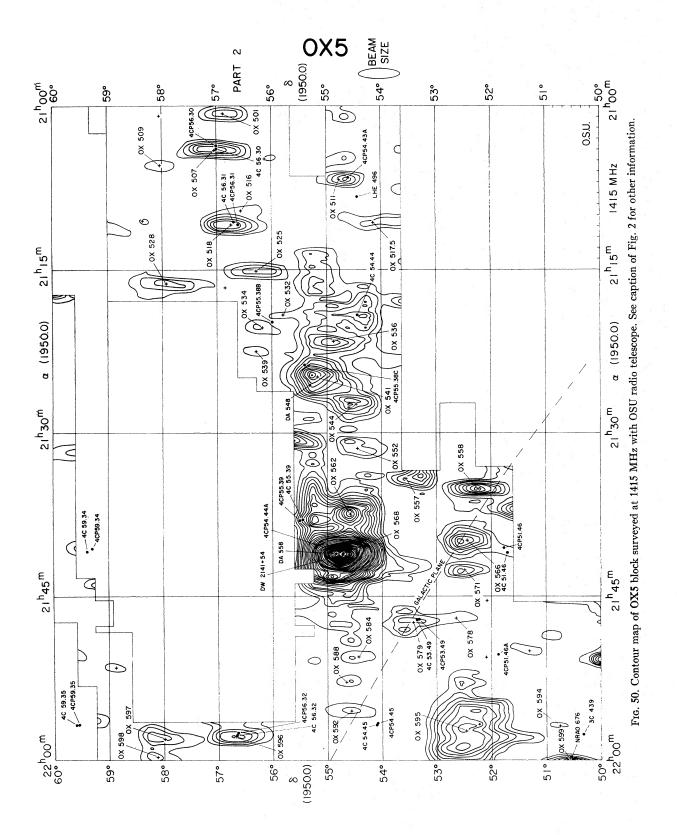
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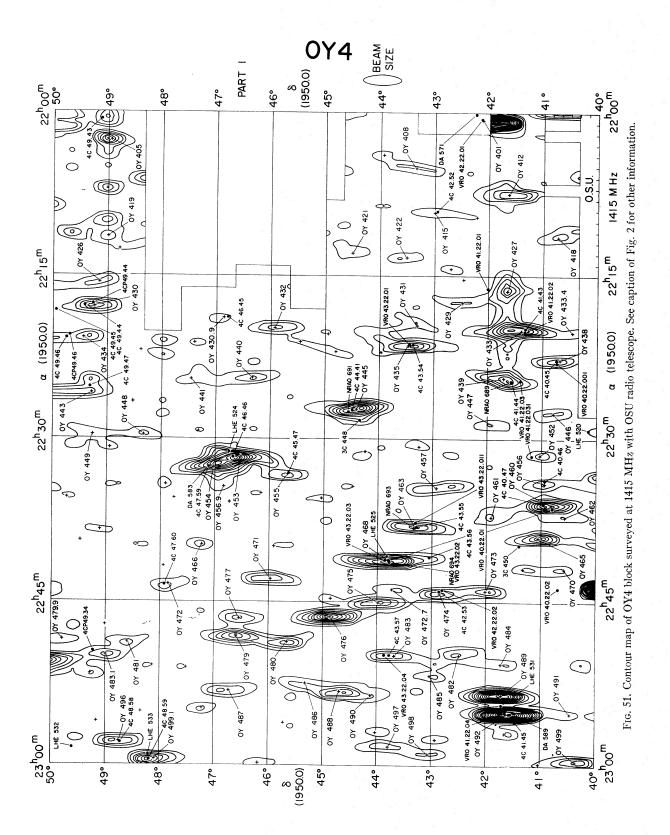


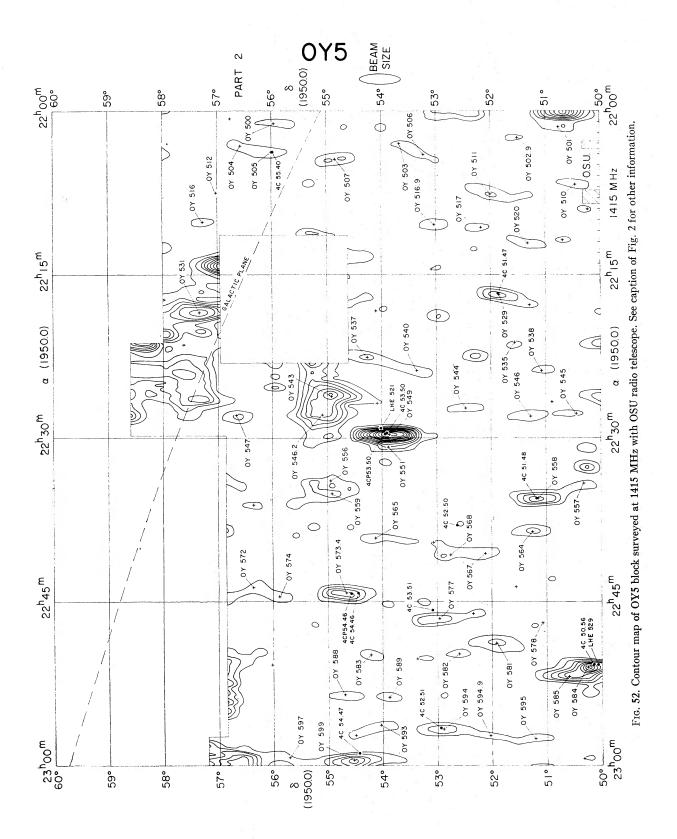


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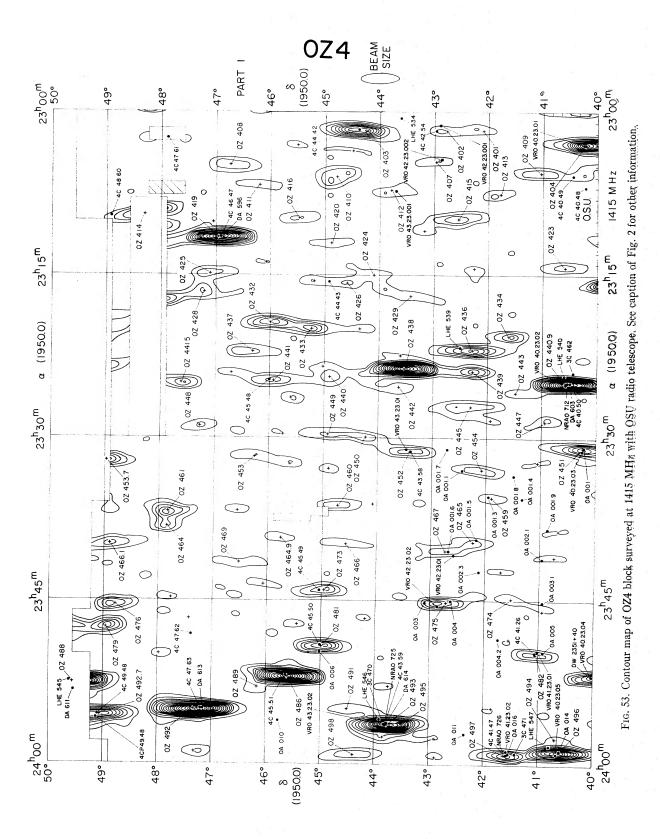


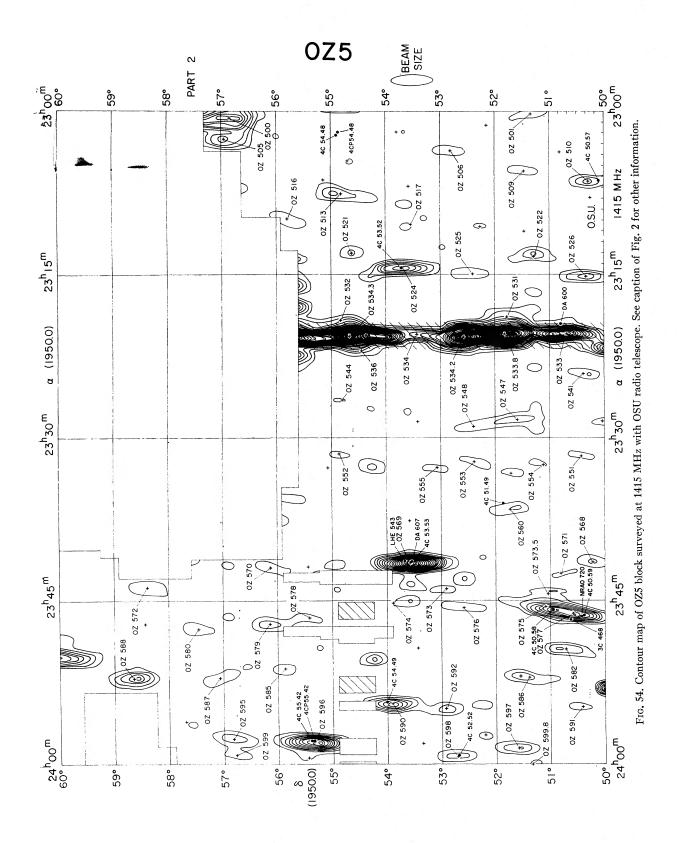
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the data reduction program, regions of large-scale structure should be interpreted with caution. The drift removal in the data reduction program removes largescale structure so that the lowest contour at one location does not necessarily represent the same absolute level as the lowest contour at another location. However, within any given source or complex region, the relative contours are consistent.

The contour interval for Part 1 contour maps is 0.033 °K and for Part 2 is 0.041 °K of antenna temperature which corresponds to about 0.1 f.u. for a point source. The flux density of a point source can be estimated from the maps by counting these contours.

The measured positions of all radio sources found in this survey are plotted with a cross on the maps and those sources listed in other catalogues are plotted with dots. Solid triangles show the positions of 5C1 and 5C2 sources. Unnumbered crosses correspond to sources we found below 0.18 f.u. Regions for which data are missing are left blank or shaded. Regions for which data are of poor quality or confused by Cassiopeia A are overlaid by shading. Where both Part 1 and Part 2 data appear on the same map, a zig-zig line is used as a divider. As in all unbiased contour mapping methods, the mapped peak intensity of a source always occurs at the position of the highest data point, whereas the centroidal position of the source (used to determine the source list position) may lie between the data points. Hence, for the most accurate position and flux density values, reference should be made to the source list (Table III) and not to the maps. The maps present a more fundamental and complete display of the information obtained during this survey and are the preferred means for investigation of confusion effects, reliability, and completeness.

By transcribing the tick marks in the lower right-hand corner of the maps onto a card, a convenient scale can be made for interpolating positions between the map grid lines.

All source measurements and early map preparations were made prior to any comparisons with other source lists so as to avoid introducing any bias in favor of previously catalogued sources. The introduction onto the maps of the positions of sources listed in other catalogues (indicated by dots and triangles) was a final step in the map preparation.

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