Table 20: Coordinates of 2197 ICRF2 VCS-only Sources at S/X-band

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J000020.3 − 322101	2357 − 326	00 00 20.39994757	−32 21 01.2335157	0.00003337	0.0009246	−0.004	52306.7	52306.7	52306.7	1	40
ICRF J000053.0 + 405401	2358 + 406	00 00 53.08156778	40 54 01.7930799	0.00015641	0.0020936	−0.164	50242.8	50242.8	50242.8	1	22
ICRF J000105.3 − 155107	2358 − 161	00 01 05.32876820	−15 51 07.0760497	0.00003183	0.0008911	−0.749	50632.3	50632.3	50632.3	1	58
ICRF J000107.0 + 605122	2358 + 605	00 01 07.09959766	60 51 22.8029987	0.00031887	0.0035918	−0.102	52306.7	52306.7	52306.7	1	11
ICRF J000315.9 − 194150	0000 − 199	00 03 15.94932322	−19 41 50.3978977	0.00032832	0.0136435	−0.943	54088.1	54088.1	54088.1	1	11
ICRF J000318.6 − 192722	0000 − 197	00 03 18.67502432	−19 27 22.3548546	0.00003436	0.0009446	−0.224	50650.0	50632.3	50688.3	2	76
ICRF J000319.3 + 212944	0000 + 212	00 03 19.35003510	21 29 44.5075377	0.00004271	0.0012525	−0.474	50123.1	50085.5	50156.3	2	66
ICRF J000404.9 − 114858	0001 − 120	00 04 04.91499899	−11 48 58.3857370	0.00000876	0.0002781	−0.072	51045.0	50576.2	53134.5	3	109
ICRF J000416.1 + 461517	0001 + 459	00 04 16.12765548	46 15 17.9699957	0.00003053	0.0006328	0.096	50306.3	50306.3	50306.3	1	75
ICRF J000504.3 + 542824	0002 + 541	00 05 04.36344925	54 28 24.9264790	0.00008595	0.0011305	0.452	49577.0	49577.0	49577.0	1	60
ICRF J000517.9 − 164804	0002 − 170	00 05 17.93380986	−16 48 04.6789988	0.00002731	0.0008697	−0.547	50632.3	50632.3	50632.3	1	64
ICRF J000520.2 + 052410	0002 + 051	00 05 20.21551394	05 24 10.8008742	0.00013788	0.0021965	−0.105	49914.7	49914.7	49914.7	1	26
ICRF J000601.1 − 295550	0003 − 302	00 06 01.12321682	−29 55 50.0977736	0.00019870	0.0055662	0.859	52409.7	52409.7	52409.7	1	16
ICRF J000623.0 + 123553	0003 + 123	00 06 23.05612254	12 35 53.0975671	0.00005871	0.0010812	0.275	54112.8	54112.8	54112.8	1	24
ICRF J000648.7 + 242236	0004 + 240	00 06 48.78942386	24 22 36.3930433	0.00009003	0.0017127	0.146	50132.3	50085.5	50156.3	2	59
ICRF J000748.4 + 570610	0005 + 568	00 07 48.46857138	57 06 10.4389368	0.00032221	0.0034085	0.436	49577.0	49577.0	49577.0	1	13
ICRF J000800.8 + 114400	0005 + 114	00 08 00.83831184	11 44 00.7743079	0.00006217	0.0011516	−0.149	52409.7	52409.7	52409.7	1	40
ICRF J000826.2 − 255911	0005 − 262	00 08 26.25252167	−25 59 11.5409502	0.00003569	0.0011737	0.389	50666.2	50632.3	50688.3	2	86
ICRF J000833.4 + 683722	0005 + 683	00 08 33.47285133	68 37 22.0478090	0.00031945	0.0012626	−0.117	52749.3	49827.5	54112.8	2	22
ICRF J000833.6 − 360125	0006 − 363	00 08 33.66140030	−36 01 25.0525148	0.00041773	0.0327983	0.693	53552.8	53552.8	53552.8	1	8
ICRF J000903.9 + 062821	0006 + 061	00 09 03.93185186	06 28 21.2397796	0.00001371	0.0004352	0.205	52409.7	52409.7	52409.7	1	72
ICRF J000904.1 + 400146	0006 + 397	00 09 04.17357336	40 01 46.7049948	0.00003162	0.0006552	−0.321	50242.8	50242.8	50242.8	1	73
ICRF J001030.0 + 441242	0007 + 439	00 10 30.04647965	44 12 42.5046631	0.00003251	0.0010122	0.256	54088.1	54088.1	54088.1	1	48
ICRF J001035.7 − 302747	0008 − 307	00 10 35.74244613	−30 27 47.4140428	0.00015422	0.0046194	0.780	52306.7	52306.7	52306.7	1	17
ICRF J001045.1 − 294513	0008 − 300	00 10 45.17737584	−29 45 13.1787193	0.00006044	0.0031704	−0.555	54088.1	54088.1	54088.1	1	43
ICRF J001053.6 − 215704	0008 − 222	00 10 53.64999205	−21 57 04.2204083	0.00001079	0.0003698	−0.181	50663.0	50632.3	50688.3	2	133
ICRF J001131.9 + 704531	0008 + 704	00 11 31.90287510	70 45 31.6257033	0.00004715	0.0003779	0.007	49827.5	49827.5	49827.5	1	101
ICRF J001140.4 − 143404	0009 − 148	00 11 40.45590174	−14 34 04.6334014	0.00005088	0.0013275	0.335	54112.8	54112.8	54112.8	1	38
ICRF J001229.3 + 470434	0009 + 467	00 12 29.30288583	47 04 34.7396644	0.00007134	0.0013420	−0.445	53573.0	53573.0	53573.0	1	35
ICRF J001237.6 + 655110	0009 + 655	00 12 37.67114974	65 51 10.8231614	0.00061629	0.0040160	0.042	53153.2	53153.2	53153.2	1	10
ICRF J001247.3 + 335338	0010 + 336	00 12 47.38219736	33 53 38.4717555	0.00004242	0.0008568	−0.582	53503.7	53503.7	53503.7	1	41
ICRF J001259.9 − 395426	0010 − 401	00 12 59.90983609	−39 54 26.0561624	0.00002580	0.0007151	0.292	52342.6	52306.7	52409.7	2	43
ICRF J001316.4 + 463608	0010 + 463	00 13 16.48886274	46 36 08.6707019	0.00011939	0.0013146	−0.611	50306.3	50306.3	50306.3	1	37
ICRF J001320.7 − 151347	0010 − 155	00 13 20.70183091	−15 13 47.7818949	0.00009114	0.0033808	−0.369	54088.1	54088.1	54088.1	1	16
ICRF J001354.1 − 042352	0011 − 046	00 13 54.13096496	−04 23 52.2943757	0.00001228	0.0004318	−0.337	50576.2	50576.2	50576.2	1	88

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J001356.3 + 191041	0011 + 189	00 13 56.37611420	19 10 41.9154122	0.00003786	0.0011536	−0.101	50109.4	50085.5	50156.3	2	77
ICRF J001448.7 + 611743	0012 + 610	00 14 48.79215207	61 17 43.5420962	0.00009715	0.0007133	0.480	52409.7	52409.7	52409.7	1	18
ICRF J001502.4 − 181250	0012 − 184	00 15 02.49204541	−18 12 50.8832442	0.00001225	0.0003974	0.266	50657.1	50632.3	50688.3	2	131
ICRF J001506.1 + 321613	0012 + 319	00 15 06.14740520	32 16 13.3097781	0.00001845	0.0004743	−0.219	53523.9	53523.9	53523.9	1	86
ICRF J001534.3 − 180725	0013 − 184	00 15 34.32451170	−18 07 25.5821027	0.00010906	0.0031332	−0.600	54112.8	54112.8	54112.8	1	20
ICRF J001735.8 − 051241	0015 − 054	00 17 35.81721774	−05 12 41.7681233	0.00003100	0.0010185	−0.363	53561.9	53561.9	53561.9	1	54
ICRF J001751.7 + 531219	0015 + 529	00 17 51.75984325	53 12 19.1217239	0.00005577	0.0006435	−0.336	49577.0	49577.0	49577.0	1	77
ICRF J001759.0 − 274821	0015 − 280	00 17 59.00583249	−27 48 21.5745659	0.00019196	0.0050280	0.495	53573.0	53573.0	53573.0	1	33
ICRF J001939.7 + 260252	0017 + 257	00 19 39.78058269	26 02 52.2784459	0.00001847	0.0005741	−0.290	50219.8	50219.8	50219.8	1	74
ICRF J001942.6 − 303119	0017 − 307	00 19 42.67532353	−30 31 19.3482183	0.00002313	0.0007599	0.087	52306.7	52306.7	52306.7	1	47
ICRF J002102.8 + 715020	0018 + 715	00 21 02.81374705	71 50 20.7710670	0.00022806	0.0017525	−0.546	49827.5	49827.5	49827.5	1	31
ICRF J002127.3 + 731241	0018 + 729	00 21 27.37482251	73 12 41.9312197	0.00045308	0.0015436	0.242	53041.4	49827.5	54112.8	2	24
ICRF J002206.6 + 452533	0019 + 451	00 22 06.61132885	45 25 33.8601981	0.00002540	0.0004858	0.034	50306.3	50306.3	50306.3	1	81
ICRF J002225.4 + 001456	0019 − 000	00 22 25.42593021	00 14 56.1613786	0.00009584	0.0028576	−0.190	50576.2	50576.2	50576.2	1	18
ICRF J002335.4 + 445635	0020 + 446	00 23 35.44245528	44 56 35.7573595	0.00004493	0.0010439	0.382	50306.3	50306.3	50306.3	1	51
ICRF J002400.6 − 081110	0021 − 084	00 24 00.67272891	−08 11 10.0486110	0.00007063	0.0021062	−0.260	53440.2	53153.2	53523.9	2	31
ICRF J002421.5 + 464406	0021 + 464	00 24 21.53760346	46 44 06.2285494	0.00004496	0.0012365	0.148	50306.3	50306.3	50306.3	1	54
ICRF J002445.9 − 041201	0022 − 044	00 24 45.98322022	−04 12 01.5488383	0.00001649	0.0005258	−0.181	50576.2	50576.2	50576.2	1	64
ICRF J002524.2 − 222747	0022 − 227	00 25 24.24744536	−22 27 47.5969650	0.00002431	0.0008110	−0.063	54088.1	54088.1	54088.1	1	78
ICRF J002526.1 + 391935	0022 + 390	00 25 26.15767775	39 19 35.4395037	0.00001290	0.0002575	−0.425	50242.8	50242.8	50242.8	1	75
ICRF J002549.1 − 260212	0023 − 263	00 25 49.15626788	−26 02 12.6149312	0.00007109	0.0020401	0.375	52409.7	52409.7	52409.7	1	28
ICRF J002641.7 + 350842	0024 + 348	00 26 41.72457427	35 08 42.2765490	0.00023308	0.0047705	−0.612	50219.8	50219.8	50219.8	1	12
ICRF J002651.4 − 111252	0024 − 114	00 26 51.44303605	−11 12 52.4253828	0.00006387	0.0016862	0.223	53552.8	53552.8	53552.8	1	30
ICRF J002703.2 + 595852	0024 + 597	00 27 03.28647270	59 58 52.9600213	0.00026821	0.0017568	0.173	49577.0	49577.0	49577.0	1	11
ICRF J002705.7 + 092957	0024 + 092	00 27 05.79362565	09 29 57.7635423	0.00005079	0.0009324	0.339	52306.7	52306.7	52306.7	1	28
ICRF J002900.9 − 011341	0026 − 015	00 29 00.98604496	−01 13 41.7604847	0.00004920	0.0009446	0.369	53126.1	53126.1	53126.1	1	36
ICRF J002903.5 + 050934	0026 + 048	00 29 03.59227306	05 09 34.8676363	0.00015914	0.0023565	−0.513	49914.7	49914.7	49914.7	1	30
ICRF J003014.4 + 703740	0027 + 703	00 30 14.41300212	70 37 40.0605498	0.00003928	0.0003408	−0.046	49827.5	49827.5	49827.5	1	117
ICRF J003031.8 − 021156	0027 − 024	00 30 31.82375224	−02 11 56.1335027	0.00001515	0.0004998	−0.209	53130.3	53126.1	53134.5	2	68
ICRF J003156.4 − 142619	0029 − 147	00 31 56.41188946	−14 26 19.3470091	0.00006460	0.0018802	−0.534	53129.4	53126.1	53134.5	2	36
ICRF J003443.4 + 275425	0032 + 276	00 34 43.48618479	27 54 25.7213732	0.00002177	0.0005738	−0.263	50219.8	50219.8	50219.8	1	55
ICRF J003544.0 + 143801	0033 + 143	00 35 44.08792240	14 38 01.9720229	0.00002541	0.0008077	0.142	54112.8	54112.8	54112.8	1	49
ICRF J003546.2 − 083554	0033 − 088	00 35 46.25051310	−08 35 54.0449447	0.00014899	0.0049037	−0.889	53523.9	53523.9	53523.9	1	6
ICRF J003635.1 + 143403	0033 + 142	00 36 35.10909957	14 34 03.6202098	0.00003150	0.0007800	−0.210	52409.7	52409.7	52409.7	1	46
ICRF J003714.8 − 214524	0034 − 220	00 37 14.82592389	−21 45 24.7135356	0.00005181	0.0014307	−0.567	54088.1	54088.1	54088.1	1	38

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J003726.0 + 110950	0034 + 108	00 37 26.04142426	11 09 50.9210655	0.00002158	0.0006157	−0.274	49914.7	49914.7	49914.7	1	108
ICRF J003732.1 + 080813	0034 + 078	00 37 32.19717614	08 08 13.0574396	0.00001688	0.0005158	−0.234	53561.9	53561.9	53561.9	1	77
ICRF J003746.1 + 365910	0035 + 367	00 37 46.14323988	36 59 10.8850961	0.00028491	0.0027156	0.740	50242.8	50242.8	50242.8	1	12
ICRF J003818.0 + 122731	0035 + 121	00 38 18.01644892	12 27 31.2516734	0.00064141	0.0189996	−0.982	50115.9	50085.5	50156.3	2	14
ICRF J003820.7 − 032958	0035 − 037	00 38 20.79434604	−03 29 58.9622726	0.00002398	0.0007560	−0.284	53573.0	53573.0	53573.0	1	77
ICRF J003828.4 + 503525	0035 + 503	00 38 28.41348698	50 35 25.8332986	0.00010360	0.0006748	−0.215	53651.4	50306.3	54112.8	2	33
ICRF J003829.9 − 212004	0036 − 216	00 38 29.95469596	−21 20 04.0231282	0.00015427	0.0033589	0.409	50661.5	50632.3	50688.3	2	48
ICRF J003906.2 − 094246	0036 − 099	00 39 06.29166037	−09 42 46.8868232	0.00004123	0.0017971	−0.092	54088.1	54088.1	54088.1	1	15
ICRF J003916.9 − 185405	0036 − 191	00 39 16.92438996	−18 54 05.6200081	0.00033411	0.0099397	0.751	53560.8	53560.8	53560.8	1	8
ICRF J003946.9 + 490033	0037 + 487	00 39 46.99884357	49 00 33.1753187	0.00002986	0.0005479	0.155	50306.3	50306.3	50306.3	1	80
ICRF J004017.5 − 324327	0037 − 329	00 40 17.54075021	−32 43 27.8244134	0.00009427	0.0023084	−0.375	52306.7	52306.7	52306.7	1	19
ICRF J004030.6 − 322520	0038 − 326	00 40 30.65507682	−32 25 20.3346836	0.00042124	0.0171017	0.619	52306.7	52306.7	52306.7	1	9
ICRF J004057.6 − 014632	0038 − 020	00 40 57.61158383	−01 46 32.0264563	0.00001289	0.0004074	−0.354	50576.2	50576.2	50576.2	1	65
ICRF J004117.2 + 133927	0038 + 133	00 41 17.21099103	13 39 27.5274745	0.00011465	0.0019549	−0.270	54112.8	54112.8	54112.8	1	19
ICRF J004244.3 + 100949	0040 + 098	00 42 44.37172196	10 09 49.2070344	0.00004117	0.0009743	0.450	49914.7	49914.7	49914.7	1	77
ICRF J004442.2 + 185505	0042 + 186	00 44 42.22790128	18 55 05.0346529	0.00004618	0.0016799	0.593	53126.1	53126.1	53126.1	1	36
ICRF J004450.7 + 680302	0041 + 677	00 44 50.75960812	68 03 02.6856161	0.00005206	0.0004657	−0.180	53560.8	53560.8	53560.8	1	59
ICRF J004607.8 + 245632	0043 + 246	00 46 07.82574115	24 56 32.5243374	0.00001099	0.0002472	0.088	53128.1	53126.1	53306.8	2	91
ICRF J004647.5 + 390047	0044 + 387	00 46 47.57831015	39 00 47.1486395	0.00003518	0.0006624	−0.284	50242.8	50242.8	50242.8	1	60
ICRF J004700.4 + 565742	0044 + 566	00 47 00.42879964	56 57 42.3950995	0.00002877	0.0004198	0.021	49577.0	49577.0	49577.0	1	130
ICRF J004743.8 + 243515	0045 + 243	00 47 43.87132950	24 35 15.9955733	0.00004887	0.0014977	−0.792	50122.2	50085.5	50156.3	2	85
ICRF J004858.7 + 064006	0046 + 063	00 48 58.72313512	06 40 06.4748074	0.00004144	0.0012425	0.390	53129.7	53126.1	53134.5	2	28
ICRF J004922.9 − 311627	0046 − 315	00 49 22.90071217	−31 16 27.3156721	0.00033949	0.0155407	0.726	52306.7	52306.7	52306.7	1	10
ICRF J004937.9 + 512813	0046 + 511	00 49 37.99120117	51 28 13.6925314	0.00003850	0.0006446	−0.303	49959.0	49577.0	50306.3	2	126
ICRF J005021.5 − 045220	0047 − 051	00 50 21.53480228	−04 52 20.5953473	0.00004185	0.0013399	−0.474	50576.2	50576.2	50576.2	1	40
ICRF J005108.2 − 065002	0048 − 071	00 51 08.20981506	−06 50 02.2290926	0.00000977	0.0003238	−0.290	50576.2	50576.2	50576.2	1	73
ICRF J005136.4 + 445935	0048 + 447	00 51 36.47366080	44 59 35.9585067	0.00008293	0.0007959	0.269	50306.3	50306.3	50306.3	1	45
ICRF J005227.8 + 440254	0049 + 437	00 52 27.82588947	44 02 54.5161062	0.00002611	0.0004304	−0.122	50272.2	50242.8	50306.3	2	106
ICRF J005232.8 + 862744	0046 + 861	00 52 32.85485469	86 27 44.2505111	0.00342413	0.0051506	0.490	53573.0	53573.0	53573.0	1	13
ICRF J005252.5 − 282554	0050 − 287	00 52 52.55633535	−28 25 54.1852239	0.00062248	0.0281282	−0.901	53573.0	53573.0	53573.0	1	9
ICRF J005336.5 − 072729	0051 − 077	00 53 36.51571062	−07 27 29.6196140	0.00011561	0.0032473	−0.272	53560.8	53560.8	53560.8	1	15
ICRF J005417.6 + 681111	0051 + 679	00 54 17.62159478	68 11 11.1767459	0.00015393	0.0011403	−0.110	49827.5	49827.5	49827.5	1	38
ICRF J005417.6 + 705356	0051 + 706	00 54 17.68494238	70 53 56.6180107	0.00009612	0.0008882	0.271	49827.5	49827.5	49827.5	1	63
ICRF J005432.9 − 195301	0052 − 201	00 54 32.94845203	−19 53 01.0027203	0.00002707	0.0008645	−0.153	53537.8	53523.9	53561.9	2	93
ICRF J005511.7 − 121757	0052 − 125	00 55 11.78259264	−12 17 57.0972882	0.00001146	0.0003882	−0.206	53552.8	53552.8	53552.8	1	90

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J005717.0 − 002433	0054 − 006	00 57 17.00238136	−00 24 33.1744478	0.00014489	0.0059544	0.726	53573.0	53573.0	53573.0	1	8
ICRF J005802.2 − 323420	0055 − 328	00 58 02.23032214	−32 34 20.7481551	0.00009328	0.0038260	−0.548	52306.7	52306.7	52306.7	1	20
ICRF J005832.0 + 331117	0055 + 329	00 58 32.06903851	33 11 17.2144874	0.00002420	0.0007097	−0.224	53560.8	53560.8	53560.8	1	60
ICRF J005833.8 + 062006	0055 + 060	00 58 33.80447037	06 20 06.0735328	0.00004171	0.0013328	−0.239	53128.7	53126.1	53134.5	2	19
ICRF J005952.2 + 581223	0056 + 579	00 59 52.20903410	58 12 23.6833746	0.00006313	0.0004667	0.267	52306.7	52306.7	52306.7	1	39
ICRF J010038.2 + 334506	0057 + 334	01 00 38.29071500	33 45 06.1217039	0.00002983	0.0007648	−0.191	53561.9	53561.9	53561.9	1	56
ICRF J010051.6 + 680820	0057 + 678	01 00 51.66361162	68 08 20.5350636	0.00029040	0.0016571	0.148	49827.5	49827.5	49827.5	1	24
ICRF J010116.9 + 500444	0058 + 498	01 01 16.99753790	50 04 44.9894915	0.00015525	0.0013563	−0.747	52748.7	50306.3	54088.1	2	48
ICRF J010152.3 − 283120	0059 − 287	01 01 52.38972541	−28 31 20.4206917	0.00030176	0.0078408	0.596	50688.3	50688.3	50688.3	1	13
ICRF J010157.7 + 163940	0059 + 163	01 01 57.71954542	16 39 40.9530047	0.00004226	0.0025781	−0.436	51490.9	50085.5	53134.5	4	57
ICRF J010256.3 − 264636	0100 − 270	01 02 56.35398865	−26 46 36.5148938	0.00017584	0.0060835	0.199	54112.8	54112.8	54112.8	1	20
ICRF J010458.2 − 241628	0102 − 245	01 04 58.20537130	−24 16 28.4451407	0.00001599	0.0005424	−0.313	50659.4	50632.3	50688.3	2	132
ICRF J010549.9 + 481903	0102 + 480	01 05 49.92815913	48 19 03.1926880	0.00001298	0.0002415	−0.134	50306.3	50306.3	50306.3	1	90
ICRF J010600.2 + 340202	0103 + 337	01 06 00.29336917	34 02 02.9884749	0.00004953	0.0011647	0.515	50219.8	50219.8	50219.8	1	39
ICRF J010610.9 + 253930	0103 + 253	01 06 10.96898367	25 39 30.4956046	0.00006250	0.0017723	−0.845	50219.8	50219.8	50219.8	1	37
ICRF J010622.9 − 015538	0103 − 021	01 06 22.99424141	−01 55 38.4150553	0.00003094	0.0007635	0.096	50576.2	50576.2	50576.2	1	62
ICRF J010643.2 − 031536	0104 − 035	01 06 43.22871688	−03 15 36.2960289	0.00002504	0.0007563	−0.107	53573.0	53573.0	53573.0	1	73
ICRF J010652.6 + 195102	0104 + 195	01 06 52.63125405	19 51 02.5618903	0.00002118	0.0006353	−0.497	53503.7	53503.7	53503.7	1	64
ICRF J010745.9 + 131205	0105 + 129	01 07 45.96189887	13 12 05.1913284	0.00002881	0.0008700	−0.543	54088.1	54088.1	54088.1	1	56
ICRF J010747.8 + 261108	0105 + 259	01 07 47.88625279	26 11 08.6726205	0.00007369	0.0025502	−0.708	50219.8	50219.8	50219.8	1	29
ICRF J010826.8 − 003724	0105 − 008	01 08 26.84261443	−00 37 24.1652150	0.00005702	0.0011010	0.487	50576.2	50576.2	50576.2	1	46
ICRF J010946.3 + 613330	0106 + 612	01 09 46.34445705	61 33 30.4554106	0.00005311	0.0001860	−0.082	52306.7	52306.7	52306.7	1	53
ICRF J011012.8 + 680541	0106 + 678	01 10 12.87345665	68 05 41.2185179	0.00024612	0.0016181	0.055	49827.5	49827.5	49827.5	1	25
ICRF J011030.9 − 041531	0107 − 045	01 10 30.90278916	−04 15 31.0258767	0.00002737	0.0009727	−0.394	54112.8	54112.8	54112.8	1	32
ICRF J011035.5 − 164827	0108 − 170	01 10 35.51118979	−16 48 27.7033885	0.00033054	0.0078024	0.562	53153.2	53153.2	53153.2	1	8
ICRF J011050.0 − 074141	0108 − 079	01 10 50.02098339	−07 41 41.1141258	0.00001163	0.0003789	−0.115	50576.2	50576.2	50576.2	1	66
ICRF J011156.8 − 131701	0109 − 135	01 11 56.85796667	−13 17 01.1970719	0.00002241	0.0008044	−0.444	53561.9	53561.9	53561.9	1	55
ICRF J011212.9 + 352219	0109 + 351	01 12 12.94440267	35 22 19.3366943	0.00001540	0.0003302	−0.298	50242.8	50242.8	50242.8	1	64
ICRF J011250.3 + 320817	0110 + 318	01 12 50.33304741	32 08 17.4329678	0.00001517	0.0004043	−0.090	50219.8	50219.8	50219.8	1	72
ICRF J011546.5 − 304919	0113 − 310	01 15 46.50553812	−30 49 19.4001560	0.00003322	0.0010029	−0.581	53126.1	53126.1	53126.1	1	36
ICRF J011638.0 + 242253	0113 + 241	01 16 38.06769457	24 22 53.7240499	0.00009756	0.0020359	−0.258	50144.2	50085.5	50156.3	2	35
ICRF J011651.5 − 205210	0114 − 211	01 16 51.56103995	−20 52 10.8021857	0.01036400	0.2626178	−0.992	52409.7	52409.7	52409.7	1	3
ICRF J011725.2 + 141812	0114 + 140	01 17 25.20320275	14 18 12.4199334	0.00012807	0.0021038	−0.389	50136.1	50085.5	50156.3	2	49
ICRF J011901.2 + 082954	0116 + 082	01 19 01.27435539	08 29 54.6928702	0.00006646	0.0017983	−0.398	52409.7	52409.7	52409.7	1	15
ICRF J011943.6 − 165408	0117 − 171	01 19 43.64593528	−16 54 08.9721752	0.00003698	0.0012470	0.607	53552.8	53552.8	53552.8	1	55

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J012100.7 − 280622	0118 − 283	01 21 00.74193927	−28 06 22.1777062	0.00020120	0.0058839	0.731	53503.7	53503.7	53503.7	1	15
ICRF J012217.4 − 005615	0119 − 011	01 22 17.46999699	−00 56 15.6975303	0.00003160	0.0013325	−0.662	54112.8	54112.8	54112.8	1	38
ICRF J012245.4 + 295412	0119 + 296	01 22 45.43001742	29 54 12.6429636	0.00001791	0.0004485	−0.169	53130.3	53126.1	53134.5	2	68
ICRF J012302.2 + 304406	0120 + 304	01 23 02.28144119	30 44 06.9182239	0.00003944	0.0013107	0.018	53573.0	53573.0	53573.0	1	50
ICRF J012343.0 + 261522	0120 + 259	01 23 43.04519489	26 15 22.4261789	0.00001876	0.0005958	−0.252	50219.8	50219.8	50219.8	1	69
ICRF J012346.3 − 092303	0121 − 096	01 23 46.38468296	−09 23 03.3327753	0.00009866	0.0031861	0.484	53560.8	53560.8	53560.8	1	17
ICRF J012421.4 − 341621	0122 − 345	01 24 21.45937850	−34 16 21.4532471	0.00004118	0.0013335	−0.232	52793.9	52306.7	53126.1	2	37
ICRF J012455.8 + 280511	0122 + 278	01 24 55.87921345	28 05 11.3910405	0.00002368	0.0006928	−0.044	50219.8	50219.8	50219.8	1	61
ICRF J012507.7 + 471803	0122 + 470	01 25 07.70674540	47 18 03.0848148	0.00007949	0.0010816	0.147	50306.3	50306.3	50306.3	1	28
ICRF J012518.8 − 254904	0122 − 260	01 25 18.83747246	−25 49 04.3897944	0.00002191	0.0007436	−0.222	53561.9	53561.9	53561.9	1	56
ICRF J012607.8 + 704652	0122 + 705	01 26 07.84360323	70 46 52.3861005	0.00027643	0.0030622	−0.673	49827.5	49827.5	49827.5	1	10
ICRF J012615.0 − 222233	0123 − 226	01 26 15.00163184	−22 22 33.6023730	0.00002612	0.0008011	−0.630	53126.1	53126.1	53126.1	1	55
ICRF J012704.7 + 732312	0123 + 731	01 27 04.71654715	73 23 12.6698576	0.00249051	0.0099301	−0.821	53573.0	53573.0	53573.0	1	7
ICRF J012808.0 + 490105	0125 + 487	01 28 08.06338438	49 01 05.9858202	0.00003166	0.0005663	0.456	50306.3	50306.3	50306.3	1	70
ICRF J012955.3 + 144647	0127 + 145	01 29 55.34717058	14 46 47.8360559	0.00002856	0.0007932	−0.445	50164.5	50085.5	54482.7	3	130
ICRF J013126.7 + 383439	0128 + 383	01 31 26.71349931	38 34 39.2217813	0.00005221	0.0013386	−0.046	53560.8	53560.8	53560.8	1	19
ICRF J013203.0 + 221650	0129 + 220	01 32 03.07877651	22 16 50.3351505	0.00002264	0.0005416	−0.164	54112.8	54112.8	54112.8	1	47
ICRF J013220.4 + 562040	0129 + 560	01 32 20.44728196	56 20 40.3705467	0.00004952	0.0006212	0.277	49577.0	49577.0	49577.0	1	99
ICRF J013244.1 + 432532	0129 + 431	01 32 44.12680458	43 25 32.6612366	0.00002927	0.0005891	−0.229	50242.8	50242.8	50242.8	1	69
ICRF J013300.8 − 443043	0130 − 447	01 33 00.86354131	−44 30 43.6390089	0.00057534	0.0450515	−0.300	53134.5	53134.5	53134.5	1	8
ICRF J013412.7 + 000345	0131 − 001	01 34 12.70417317	00 03 45.1359175	0.00010045	0.0019684	−0.086	50576.2	50576.2	50576.2	1	28
ICRF J013432.0 − 384333	0132 − 389	01 34 32.03009962	−38 43 33.3820706	0.00004129	0.0012398	−0.060	52354.5	52306.7	52409.7	2	28
ICRF J013440.7 + 692510	0130 + 691	01 34 40.75983478	69 25 10.8963332	0.00092241	0.0033809	0.643	49827.5	49827.5	49827.5	1	12
ICRF J013537.5 − 200845	0133 − 204	01 35 37.50940551	−20 08 45.8619471	0.00000801	0.0002381	−0.060	50660.3	50632.3	50688.3	2	180
ICRF J013715.6 + 214544	0134 + 215	01 37 15.62499129	21 45 44.2703802	0.00006985	0.0009743	0.515	53561.9	53561.9	53561.9	1	26
ICRF J013809.8 − 271127	0135 − 274	01 38 09.81821269	−27 11 27.9340753	0.00003193	0.0010506	0.247	53573.0	53573.0	53573.0	1	57
ICRF J013851.8 − 054008	0136 − 059	01 38 51.85124099	−05 40 08.2422997	0.00002510	0.0007347	0.232	50576.2	50576.2	50576.2	1	59
ICRF J013857.4 − 225447	0136 − 231	01 38 57.46565382	−22 54 47.3303665	0.00001288	0.0004736	0.006	50660.7	50632.3	50688.3	2	142
ICRF J014004.4 − 153255	0137 − 158	01 40 04.43519932	−15 32 55.6801184	0.00001477	0.0005047	−0.154	53561.9	53561.9	53561.9	1	88
ICRF J014043.0 + 634606	0137 + 635	01 40 43.07795609	63 46 06.8915244	0.00023352	0.0006663	0.153	52306.7	52306.7	52306.7	1	16
ICRF J014054.6 + 434245	0137 + 434	01 40 54.66446641	43 42 45.2069602	0.00004864	0.0006609	−0.288	54088.1	54088.1	54088.1	1	47
ICRF J014133.7 − 020221	0139 − 022	01 41 33.79015161	−02 02 21.5528650	0.00002612	0.0008066	−0.151	53573.0	53573.0	53573.0	1	53
ICRF J014303.1 + 412920	0140 + 412	01 43 03.18455718	41 29 20.4457184	0.00002084	0.0004446	−0.194	50242.8	50242.8	50242.8	1	79
ICRF J014310.1 − 320056	0140 − 322	01 43 10.13155304	−32 00 56.6520055	0.00002401	0.0007825	−0.183	52306.7	52306.7	52306.7	1	31
ICRF J014331.0 + 121542	0140 + 120	01 43 31.09222054	12 15 42.9334511	0.00010474	0.0011752	0.219	53129.3	53126.1	53134.5	2	26

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J014346.8 + 491541	0140 + 490	01 43 46.87989537	49 15 41.5865983	0.00059622	0.0066517	0.050	50306.3	50306.3	50306.3	1	8
ICRF J014433.5 + 270503	0141 + 268	01 44 33.55386987	27 05 03.1179001	0.00008347	0.0011696	0.011	53560.8	53560.8	53560.8	1	17
ICRF J014454.0 − 393810	0142 − 398	01 44 54.09317727	−39 38 10.5504010	0.00085790	0.0357782	0.915	52409.7	52409.7	52409.7	1	4
ICRF J014503.3 − 273334	0142 − 278	01 45 03.39461388	−27 33 34.3287467	0.00001241	0.0003889	−0.093	50688.3	50688.3	50688.3	1	81
ICRF J014552.9 + 231919	0143 + 230	01 45 52.90629154	23 19 19.2969567	0.00003805	0.0010059	−0.573	50138.2	50085.5	50156.3	2	117
ICRF J014737.7 + 485937	0144 + 487	01 47 37.77517162	48 59 37.5107221	0.00036490	0.0039043	0.150	50306.3	50306.3	50306.3	1	11
ICRF J014746.5 + 584044	0144 + 584	01 47 46.54120187	58 40 44.9726846	0.00027126	0.0026486	0.847	53700.4	49577.0	54112.8	2	22
ICRF J014824.3 + 385405	0145 + 386	01 48 24.37758089	38 54 05.2199926	0.00003136	0.0005524	−0.305	50242.8	50242.8	50242.8	1	65
ICRF J014949.7 + 185720	0147 + 187	01 49 49.71894590	18 57 20.6111304	0.00003182	0.0008132	−0.162	50130.2	50085.5	50156.3	2	122
ICRF J015106.0 − 173244	0148 − 177	01 51 06.08335997	−17 32 44.7177092	0.00001030	0.0003311	−0.091	50632.3	50632.3	50632.3	1	90
ICRF J015106.2 + 251728	0148 + 250	01 51 06.23386345	25 17 28.6621943	0.00005568	0.0020972	−0.611	53561.9	53561.9	53561.9	1	30
ICRF J015123.4 − 343513	0149 − 348	01 51 23.48914489	−34 35 13.8765734	0.00003383	0.0011053	0.061	52306.7	52306.7	52306.7	1	32
ICRF J015148.0 − 171955	0149 − 175	01 51 48.04991127	−17 19 55.0373475	0.00077948	0.0341370	0.328	53573.0	53573.0	53573.0	1	6
ICRF J015212.2 + 371605	0149 + 370	01 52 12.21995434	37 16 05.6668444	0.00002124	0.0004589	−0.224	50242.8	50242.8	50242.8	1	80
ICRF J015233.6 − 294247	0150 − 299	01 52 33.69293231	−29 42 47.9263665	0.00010731	0.0045375	0.030	53560.8	53560.8	53560.8	1	25
ICRF J015234.5 + 335033	0149 + 335	01 52 34.57645494	33 50 33.1584056	0.00002628	0.0005472	−0.276	50219.8	50219.8	50219.8	1	66
ICRF J015243.1 + 002039	0150 + 000	01 52 43.14999445	00 20 39.7109736	0.00003540	0.0011740	−0.367	53127.6	53126.1	53134.5	2	22
ICRF J015301.5 − 190656	0150 − 193	01 53 01.51127353	−19 06 56.6888850	0.00013639	0.0048956	−0.882	54088.1	54088.1	54088.1	1	29
ICRF J015325.8 + 711506	0149 + 710	01 53 25.85108747	71 15 06.4628546	0.00032760	0.0013542	−0.209	49827.5	49827.5	49827.5	1	32
ICRF J015402.7 + 082351	0151 + 081	01 54 02.77011507	08 23 51.0719706	0.00011979	0.0027210	−0.061	53134.5	53134.5	53134.5	1	11
ICRF J015503.7 + 043830	0152 + 043	01 55 03.72556256	04 38 30.3468674	0.00007385	0.0017892	−0.136	49914.7	49914.7	49914.7	1	29
ICRF J015558.9 + 223011	0153 + 222	01 55 58.93537916	22 30 11.8657703	0.00004834	0.0010404	0.118	50141.6	50085.5	50156.3	2	96
ICRF J015631.4 + 391430	0153 + 389	01 56 31.41013245	39 14 30.9233605	0.00001887	0.0004031	−0.030	53126.1	53126.1	53126.1	1	86
ICRF J015710.5 + 001124	0154 − 000	01 57 10.53490396	00 11 24.4846319	0.00002589	0.0008547	−0.331	53573.0	53573.0	53573.0	1	71
ICRF J015800.1 + 212442	0155 + 211	01 58 00.10797671	21 24 42.7878910	0.00005133	0.0009620	−0.365	54088.1	54088.1	54088.1	1	39
ICRF J015843.7 − 141307	0156 − 144	01 58 43.71964767	−14 13 07.1181809	0.00002554	0.0007036	0.296	50632.3	50632.3	50632.3	1	77
ICRF J015856.2 + 130702	0156 + 128	01 58 56.27379107	13 07 02.7411110	0.00004083	0.0015382	−0.403	50134.3	50085.5	50156.3	2	87
ICRF J020040.8 + 032249	0158 + 031	02 00 40.81646868	03 22 49.5072588	0.00001701	0.0005804	−0.219	53560.8	53560.8	53560.8	1	67
ICRF J020051.1 − 154236	0158 − 159	02 00 51.14882808	−15 42 36.8619178	0.00116672	0.0331308	−0.783	53573.0	53573.0	53573.0	1	3
ICRF J020058.3 − 135617	0158 − 141	02 00 58.31718545	−13 56 17.9829047	0.00014506	0.0056637	−0.128	53561.9	53561.9	53561.9	1	11
ICRF J020151.5 + 034309	0159 + 034	02 01 51.50875532	03 43 09.2592053	0.00003424	0.0012062	−0.300	49914.7	49914.7	49914.7	1	53
ICRF J020213.8 − 194819	0159 − 200	02 02 13.84768802	−19 48 19.4896279	0.00003922	0.0014887	0.253	53560.8	53560.8	53560.8	1	49
ICRF J020243.6 + 420516	0159 + 418	02 02 43.65330305	42 05 16.3329890	0.00001973	0.0003995	−0.231	50242.8	50242.8	50242.8	1	81
ICRF J020345.3 + 304129	0200 + 304	02 03 45.35604864	30 41 29.1087951	0.00019955	0.0022549	−0.164	50219.8	50219.8	50219.8	1	14
ICRF J020346.6 + 541157	0200 + 539	02 03 46.65714013	54 11 57.6254727	0.00033212	0.0037883	−0.670	49577.0	49577.0	49577.0	1	17

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J020428.6 − 332850	0202 − 337	02 04 28.66415499	−33 28 50.4527047	0.00008931	0.0030687	0.830	53126.1	53126.1	53126.1	1	22
ICRF J020454.7 + 440306	0201 + 438	02 04 54.78909354	44 03 06.9046867	0.00007843	0.0007314	0.137	50281.8	50242.8	50306.3	2	57
ICRF J020455.5 + 364917	0201 + 365	02 04 55.59599773	36 49 17.9974357	0.00001859	0.0004545	−0.212	50242.8	50242.8	50242.8	1	81
ICRF J020513.1 + 144432	0202 + 145	02 05 13.11724590	14 44 32.3861483	0.00001534	0.0004965	−0.198	53561.9	53561.9	53561.9	1	88
ICRF J020521.3 + 241632	0202 + 240	02 05 21.32273531	24 16 32.8508721	0.00003407	0.0007171	−0.008	53130.3	53126.1	53134.5	2	42
ICRF J020555.5 − 344409	0203 − 349	02 05 55.50981896	−34 44 09.1778858	0.00034047	0.0141713	0.665	52306.7	52306.7	52306.7	1	10
ICRF J020620.0 − 221219	0204 − 224	02 06 20.07356610	−22 12 19.6563003	0.00001650	0.0005297	−0.290	50659.4	50632.3	50688.3	2	155
ICRF J020626.0 − 115039	0203 − 120	02 06 26.08475631	−11 50 39.7250313	0.00001582	0.0005756	−0.086	54112.8	54112.8	54112.8	1	55
ICRF J020703.0 + 624612	0203 + 625	02 07 03.01672856	62 46 12.0673888	0.00004352	0.0002259	0.498	52306.7	52306.7	52306.7	1	67
ICRF J020734.9 + 315206	0204 + 316	02 07 34.98962271	31 52 06.4633702	0.00001655	0.0004703	−0.098	50219.8	50219.8	50219.8	1	79
ICRF J020822.3 − 265018	0206 − 270	02 08 22.35589589	−26 50 18.8776442	0.00001808	0.0006647	0.105	53153.2	53153.2	53153.2	1	81
ICRF J020826.3 − 004744	0205 − 010	02 08 26.34589531	−00 47 44.2934068	0.00001270	0.0003926	−0.243	50576.2	50576.2	50576.2	1	63
ICRF J020908.6 + 293245	0206 + 293	02 09 08.64447530	29 32 45.7434968	0.00009040	0.0017093	0.520	50219.8	50219.8	50219.8	1	24
ICRF J020935.9 + 643725	0205 + 643	02 09 35.98807522	64 37 25.7702899	0.00007563	0.0005035	0.445	52409.7	52409.7	52409.7	1	60
ICRF J020951.7 + 722926	0205 + 722	02 09 51.79043533	72 29 26.6699604	0.00005311	0.0001969	0.423	52409.7	52409.7	52409.7	1	89
ICRF J021023.1 − 144459	0207 − 149	02 10 23.18039037	−14 44 59.0199115	0.00004612	0.0014301	−0.326	53503.7	53503.7	53503.7	1	26
ICRF J021113.1 + 105134	0208 + 106	02 11 13.17738582	10 51 34.7988557	0.00002706	0.0006742	−0.138	49914.7	49914.7	49914.7	1	100
ICRF J021149.7 − 155818	0209 − 162	02 11 49.76160349	−15 58 18.8488015	0.00033558	0.0135499	−0.963	53573.0	53573.0	53573.0	1	14
ICRF J021305.1 + 121310	0210 + 119	02 13 05.18305486	12 13 10.9098848	0.00004423	0.0016511	−0.702	54112.8	54112.8	54112.8	1	29
ICRF J021310.5 + 182025	0210 + 181	02 13 10.52929467	18 20 25.4476302	0.00004250	0.0011491	−0.309	50117.8	50085.5	50156.3	2	79
ICRF J021348.1 + 365234	0210 + 366	02 13 48.19194128	36 52 34.0064266	0.00003485	0.0007415	−0.517	54088.1	54088.1	54088.1	1	35
ICRF J021357.8 + 871728	0159 + 870	02 13 57.84611357	87 17 28.7259858	0.00077288	0.0005071	−0.074	53126.1	53126.1	53126.1	1	60
ICRF J021417.9 + 514451	0210 + 515	02 14 17.93429737	51 44 51.9452284	0.00052934	0.0032779	0.596	54112.8	54112.8	54112.8	1	13
ICRF J021542.0 − 022256	0213 − 026	02 15 42.01727839	−02 22 56.7520390	0.00001161	0.0003820	0.079	50576.2	50576.2	50576.2	1	73
ICRF J021555.0 + 052425	0213 + 051	02 15 55.01076479	05 24 25.5548133	0.00001798	0.0005873	−0.032	54088.1	54088.1	54088.1	1	77
ICRF J021617.1 + 443743	0213 + 443	02 16 17.17159724	44 37 43.3889231	0.00019859	0.0059751	0.079	50306.3	50306.3	50306.3	1	14
ICRF J021638.8 − 101703	0214 − 105	02 16 38.87599357	−10 17 03.0022391	0.00009054	0.0037477	−0.640	54112.8	54112.8	54112.8	1	18
ICRF J021648.1 − 324740	0214 − 330	02 16 48.18543068	−32 47 40.8498325	0.00002708	0.0009124	−0.092	52306.7	52306.7	52306.7	1	43
ICRF J021702.6 − 082052	0214 − 085	02 17 02.66231068	−08 20 52.3512122	0.00001750	0.0006377	−0.365	50576.2	50576.2	50576.2	1	72
ICRF J021717.1 + 083703	0214 + 083	02 17 17.12496784	08 37 03.8983975	0.00002122	0.0005701	−0.067	53126.1	53126.1	53126.1	1	61
ICRF J021757.2 − 163110	0215 − 167	02 17 57.24949274	−16 31 10.4737409	0.00001545	0.0006432	−0.136	50632.3	50632.3	50632.3	1	82
ICRF J021921.1 − 184238	0217 − 189	02 19 21.16175729	−18 42 38.7474280	0.00001214	0.0004262	−0.034	50660.5	50632.3	50688.3	2	175
ICRF J021923.3 + 472740	0216 + 472	02 19 23.35993582	47 27 40.0081946	0.00003465	0.0005448	−0.044	53561.9	53561.9	53561.9	1	66
ICRF J021926.6 + 480638	0216 + 478	02 19 26.67616165	48 06 38.8611287	0.00181145	0.0030069	0.836	53134.5	53134.5	53134.5	1	5
ICRF J022000.7 + 165228	0217 + 166	02 20 00.75883967	16 52 28.5886747	0.00011032	0.0022318	−0.780	50133.6	50085.5	50156.3	2	56

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J022028.2 − 130519	0218 − 133	02 20 28.21757499	−13 05 19.0678284	0.00005178	0.0011608	0.442	50576.2	50576.2	50576.2	1	48
ICRF J022035.1 − 215112	0218 − 220	02 20 35.15014959	−21 51 12.0799223	0.00001961	0.0007244	−0.338	50662.7	50632.3	50688.3	2	129
ICRF J022048.0 + 324106	0217 + 324	02 20 48.05305866	32 41 06.4639583	0.00002139	0.0004815	0.470	50219.8	50219.8	50219.8	1	64
ICRF J022200.7 − 161516	0219 − 164	02 22 00.72503131	−16 15 16.5478179	0.00001933	0.0005895	0.016	50632.3	50632.3	50632.3	1	82
ICRF J022343.7 − 165637	0221 − 171	02 23 43.76370107	−16 56 37.7003682	0.00005371	0.0016262	−0.561	53128.3	53126.1	53134.5	2	34
ICRF J022504.6 + 184648	0222 + 185	02 25 04.66883130	18 46 48.7667236	0.00003635	0.0010379	−0.382	50139.2	50085.5	50156.3	2	116
ICRF J022519.1 + 295512	0222 + 296	02 25 19.19529423	29 55 12.1293496	0.00003111	0.0008392	−0.227	53560.8	53560.8	53560.8	1	55
ICRF J022541.9 + 113425	0223 + 113	02 25 41.90989787	11 34 25.4646433	0.00001993	0.0006370	0.100	53573.0	53573.0	53573.0	1	72
ICRF J022610.3 + 342130	0223 + 341	02 26 10.33320558	34 21 30.2863026	0.00001548	0.0004037	0.197	50219.8	50219.8	50219.8	1	64
ICRF J022740.5 − 302603	0225 − 306	02 27 40.53670446	−30 26 03.6288147	0.00002780	0.0010292	−0.356	52306.7	52306.7	52306.7	1	47
ICRF J022800.4 + 500559	0224 + 498	02 28 00.46571088	50 05 59.0096283	0.00004126	0.0004428	−0.129	53552.8	53552.8	53552.8	1	54
ICRF J022812.4 + 421203	0225 + 419	02 28 12.46714951	42 12 03.4448831	0.00008922	0.0009833	0.066	53561.9	53561.9	53561.9	1	28
ICRF J022825.6 + 541908	0224 + 540	02 28 25.69181100	54 19 08.1339205	0.00062543	0.0049847	0.843	53503.7	53503.7	53503.7	1	10
ICRF J022833.7 − 371956	0226 − 375	02 28 33.73430550	−37 19 56.3381067	0.00051639	0.0340577	0.719	52368.5	52306.7	52409.7	2	5
ICRF J022853.2 − 033737	0226 − 038	02 28 53.21123485	−03 37 37.1258989	0.00001375	0.0004495	−0.123	50576.2	50576.2	50576.2	1	73
ICRF J023105.0 − 160649	0228 − 163	02 31 05.03530551	−16 06 49.0150125	0.00011195	0.0021637	0.363	53573.0	53573.0	53573.0	1	34
ICRF J023151.8 − 393547	0229 − 398	02 31 51.81631503	−39 35 47.2630347	0.00002483	0.0006437	0.298	52350.4	52306.7	52409.7	2	33
ICRF J023227.6 + 262838	0229 + 262	02 32 27.62326512	26 28 38.5905468	0.00001073	0.0003378	−0.045	50219.8	50219.8	50219.8	1	80
ICRF J023236.7 − 283926	0230 − 288	02 32 36.74121827	−28 39 26.3064139	0.00039921	0.0182214	0.589	54112.8	54112.8	54112.8	1	6
ICRF J023320.4 + 344253	0230 + 344	02 33 20.42006735	34 42 53.9893979	0.00007687	0.0010732	−0.043	53560.8	53560.8	53560.8	1	30
ICRF J023407.1 + 044643	0231 + 045	02 34 07.15543577	04 46 43.0922256	0.00005492	0.0012308	−0.206	53561.9	53561.9	53561.9	1	31
ICRF J023714.0 + 052649	0234 + 052	02 37 14.03815238	05 26 49.9691959	0.00032724	0.0047993	−0.008	49914.7	49914.7	49914.7	1	12
ICRF J023716.7 − 262353	0235 − 266	02 37 16.76176680	−26 23 53.1458235	0.00009713	0.0042996	0.296	52409.7	52409.7	52409.7	1	12
ICRF J023816.5 + 471218	0234 + 469	02 38 16.50328881	47 12 18.5510668	0.00007142	0.0009022	0.244	53134.5	53134.5	53134.5	1	28
ICRF J024005.2 + 421622	0236 + 420	02 40 05.25264852	42 16 22.5196568	0.00003834	0.0009536	−0.005	53573.0	53573.0	53573.0	1	56
ICRF J024042.8 + 184800	0237 + 185	02 40 42.81625911	18 48 00.0540404	0.00004900	0.0008841	−0.139	50127.6	50085.5	50156.3	2	121
ICRF J024056.1 − 050442	0238 − 052	02 40 56.17268455	−05 04 42.2025878	0.00013447	0.0023369	0.213	53560.8	53560.8	53560.8	1	21
ICRF J024235.9 − 213225	0240 − 217	02 42 35.90988180	−21 32 25.9351732	0.00001694	0.0005531	0.120	50659.4	50632.3	50688.3	2	149
ICRF J024312.4 − 055055	0240 − 060	02 43 12.46947025	−05 50 55.2960798	0.00001003	0.0003402	−0.098	50576.2	50576.2	50576.2	1	73
ICRF J024330.8 + 712017	0238 + 711	02 43 30.89140003	71 20 17.9031778	0.00009174	0.0007174	−0.323	54088.1	54088.1	54088.1	1	62
ICRF J024445.6 + 132007	0242 + 131	02 44 45.69334239	13 20 07.2213465	0.00002197	0.0006302	−0.160	53561.9	53561.9	53561.9	1	54
ICRF J024516.8 + 240535	0242 + 238	02 45 16.85603732	24 05 35.1699541	0.00021507	0.0033767	0.650	50147.3	50085.5	50156.3	2	39
ICRF J024524.9 − 110716	0242 − 113	02 45 24.95219592	−11 07 16.8134382	0.00005969	0.0017024	−0.576	54112.8	54112.8	54112.8	1	26
ICRF J024621.0 + 353637	0243 + 354	02 46 21.07629510	35 36 37.9978431	0.00002572	0.0005781	−0.311	54088.1	54088.1	54088.1	1	78
ICRF J024621.4 − 293505	0244 − 297	02 46 21.46125486	−29 35 05.9213481	0.00014331	0.0044180	0.097	50688.3	50688.3	50688.3	1	27

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J024658.4 − 123630	0244 − 128	02 46 58.46980523	−12 36 30.7974850	0.00002034	0.0007256	−0.510	50576.2	50576.2	50576.2	1	58
ICRF J024741.2 + 325431	0244 + 327	02 47 41.23229808	32 54 31.8360651	0.00002344	0.0005647	−0.010	53573.0	53573.0	53573.0	1	78
ICRF J024807.7 − 163146	0245 − 167	02 48 07.73222049	−16 31 46.3855027	0.00002156	0.0008562	−0.064	50632.3	50632.3	50632.3	1	64
ICRF J024814.8 + 043440	0245 + 043	02 48 14.82811688	04 34 40.8590181	0.00007172	0.0033389	−0.303	53560.8	53560.8	53560.8	1	12
ICRF J025035.5 − 262742	0248 − 266	02 50 35.56931771	−26 27 42.5192007	0.00007714	0.0028341	−0.553	53134.5	53134.5	53134.5	1	22
ICRF J025154.6 + 561619	0248 + 560	02 51 54.62814977	56 16 19.5232268	0.00002587	0.0002924	−0.238	52440.6	52409.7	53306.8	2	58
ICRF J025247.9 − 221925	0250 − 225	02 52 47.95364511	−22 19 25.4661213	0.00001507	0.0005132	0.063	50660.3	50632.3	50688.3	2	158
ICRF J025308.8 + 383524	0249 + 383	02 53 08.88807551	38 35 24.9990546	0.00001281	0.0003050	−0.259	50242.8	50242.8	50242.8	1	81
ICRF J025333.6 + 321720	0250 + 320	02 53 33.65014371	32 17 20.8912585	0.00003828	0.0008619	0.031	53523.9	53523.9	53523.9	1	32
ICRF J025357.6 + 510256	0250 + 508	02 53 57.60791581	51 02 56.4557997	0.00003067	0.0004540	0.306	50030.8	49577.0	50306.3	2	135
ICRF J025424.7 + 234326	0251 + 235	02 54 24.71814382	23 43 26.4742637	0.00001419	0.0004207	−0.001	53560.8	53560.8	53560.8	1	80
ICRF J025442.6 + 393134	0251 + 393	02 54 42.63205929	39 31 34.7112337	0.00001634	0.0003433	−0.051	50242.8	50242.8	50242.8	1	81
ICRF J025612.8 − 213729	0253 − 218	02 56 12.83891753	−21 37 29.1454502	0.00001800	0.0007735	−0.231	50661.7	50632.3	50688.3	2	139
ICRF J025701.3 + 655635	0252 + 657	02 57 01.34301856	65 56 35.4267555	0.00010231	0.0009211	0.107	49827.5	49827.5	49827.5	1	49
ICRF J025741.0 − 121201	0255 − 124	02 57 41.00462862	−12 12 01.3795613	0.00004624	0.0013806	0.481	53503.7	53503.7	53503.7	1	34
ICRF J025745.6 + 184705	0254 + 185	02 57 45.62878555	18 47 05.3557978	0.00015436	0.0042170	−0.738	50150.9	50085.5	50156.3	2	13
ICRF J025752.5 + 784347	0251 + 785	02 57 52.57023700	78 43 47.0581304	0.00018149	0.0003149	−0.405	50627.7	49827.5	50688.3	2	71
ICRF J025759.0 + 433837	0254 + 434	02 57 59.07771985	43 38 37.6744865	0.00002967	0.0005104	−0.026	53552.8	53552.8	53552.8	1	71
ICRF J025814.0 − 390940	0256 − 393	02 58 14.04495445	−39 09 40.6836861	0.00003478	0.0009799	0.428	52350.4	52306.7	52409.7	2	33
ICRF J025816.7 − 252958	0256 − 256	02 58 16.79546096	−25 29 58.7908316	0.00005450	0.0018123	−0.844	53561.9	53561.9	53561.9	1	37
ICRF J025850.5 + 054108	0256 + 054	02 58 50.52634087	05 41 08.0388910	0.00006433	0.0017339	−0.307	49914.7	49914.7	49914.7	1	29
ICRF J025929.6 + 192544	0256 + 192	02 59 29.65595449	19 25 44.3268036	0.00002049	0.0005370	0.130	53523.9	53523.9	53523.9	1	83
ICRF J025937.6 + 423549	0256 + 423	02 59 37.69445155	42 35 49.8112592	0.00006215	0.0007049	0.219	53449.4	50242.8	54112.8	2	35
ICRF J030001.3 − 053120	0257 − 057	03 00 01.30004082	−05 31 20.3611322	0.00002473	0.0005877	−0.430	53153.2	53153.2	53153.2	1	47
ICRF J030106.7 − 181217	0258 − 184	03 01 06.71579723	−18 12 17.7812583	0.00174161	0.0277316	0.851	53561.9	53561.9	53561.9	1	4
ICRF J030116.2 − 312615	0259 − 316	03 01 16.24429698	−31 26 15.7885142	0.00003006	0.0009760	0.203	53126.1	53126.1	53126.1	1	29
ICRF J030116.6 − 165245	0258 − 170	03 01 16.62300857	−16 52 45.0854973	0.00035724	0.0090844	0.626	53560.8	53560.8	53560.8	1	11
ICRF J030133.7 + 060227	0258 + 058	03 01 33.71391478	06 02 27.2823965	0.00002062	0.0006048	−0.141	49914.7	49914.7	49914.7	1	117
ICRF J030222.7 + 533146	0258 + 533	03 02 22.73534090	53 31 46.4839242	0.00016421	0.0015035	0.230	49577.0	49577.0	49577.0	1	32
ICRF J030422.0 + 682137	0259 + 681	03 04 22.00384248	68 21 37.4746010	0.00004878	0.0003664	0.313	49827.5	49827.5	49827.5	1	111
ICRF J030441.3 + 334843	0301 + 336	03 04 41.36244468	33 48 43.5305081	0.00001562	0.0003801	0.072	50219.8	50219.8	50219.8	1	77
ICRF J030510.2 + 173459	0302 + 173	03 05 10.22422242	17 34 59.0923321	0.00004145	0.0014202	−0.359	50123.8	50085.5	50156.3	2	98
ICRF J030548.1 + 052331	0303 + 051	03 05 48.19161145	05 23 31.5282814	0.00006442	0.0015191	0.400	49914.7	49914.7	49914.7	1	60
ICRF J030902.5 − 360403	0307 − 362	03 09 02.51075024	−36 04 03.7469999	0.00041847	0.0260190	0.566	53503.7	53503.7	53503.7	1	7
ICRF J031002.0 − 082339	0307 − 085	03 10 02.04909568	−08 23 39.2978680	0.00018288	0.0036782	0.820	53153.2	53153.2	53153.2	1	19

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J031243.6 + 013317	0310 + 013	03 12 43.60323605	01 33 17.5647455	0.00001351	0.0004618	−0.329	49914.7	49914.7	49914.7	1	130
ICRF J031313.4 + 022835	0310 + 022	03 13 13.40545828	02 28 35.3064424	0.00001888	0.0005521	−0.011	53573.0	53573.0	53573.0	1	88
ICRF J031527.6 − 165629	0313 − 171	03 15 27.67835450	−16 56 29.7119227	0.00009740	0.0020149	0.250	50632.3	50632.3	50632.3	1	35
ICRF J031754.9 + 564357	0314 + 565	03 17 54.94286733	56 43 57.7911162	0.00008480	0.0008405	−0.093	52409.7	52409.7	52409.7	1	36
ICRF J031814.4 − 002948	0315 − 006	03 18 14.42732530	−00 29 48.9330811	0.00020736	0.0026297	0.014	53560.8	53560.8	53560.8	1	16
ICRF J031857.8 + 162832	0316 + 162	03 18 57.80262301	16 28 32.6981890	0.00005187	0.0010649	−0.203	50129.7	50085.5	50156.3	2	101
ICRF J031922.0 + 694925	0314 + 696	03 19 22.07103848	69 49 25.6181400	0.00015824	0.0008164	−0.544	53378.0	49827.5	54088.1	2	42
ICRF J032046.4 − 383728	0318 − 388	03 20 46.40484206	−38 37 28.5038990	0.00040281	0.0195407	0.588	52347.9	52306.7	52409.7	2	10
ICRF J032128.7 − 312256	0319 − 315	03 21 28.74026717	−31 22 56.3360139	0.00007911	0.0034178	0.357	52306.7	52306.7	52306.7	1	26
ICRF J032136.8 + 435922	0318 + 438	03 21 36.86836954	43 59 22.4817474	0.00013712	0.0015061	0.187	50242.8	50242.8	50242.8	1	28
ICRF J032159.8 − 052612	0319 − 056	03 21 59.87036875	−05 26 12.4294219	0.00002643	0.0007732	−0.059	53474.5	53153.2	53503.7	2	48
ICRF J032227.2 + 661028	0317 + 659	03 22 27.22882537	66 10 28.3000926	0.00004711	0.0003482	−0.138	53671.6	49827.5	54112.8	2	68
ICRF J032251.8 + 394802	0319 + 396	03 22 51.83004460	39 48 02.2590985	0.00008041	0.0009748	−0.146	53561.9	53561.9	53561.9	1	36
ICRF J032309.8 + 014550	0320 + 015	03 23 09.87231922	01 45 50.5075249	0.00002383	0.0007386	−0.056	49914.7	49914.7	49914.7	1	80
ICRF J032314.7 + 044612	0320 + 045	03 23 14.72283070	04 46 12.5739816	0.00008266	0.0036304	−0.652	54088.1	54088.1	54088.1	1	30
ICRF J032417.5 − 225417	0322 − 230	03 24 17.55329478	−22 54 17.9252427	0.00039684	0.0210455	0.275	53552.8	53552.8	53552.8	1	5
ICRF J032441.1 + 341045	0321 + 340	03 24 41.16131825	34 10 45.8569044	0.00001694	0.0004019	0.163	50219.8	50219.8	50219.8	1	78
ICRF J032444.2 − 291821	0322 − 294	03 24 44.29549395	−29 18 21.2221485	0.00010104	0.0041345	−0.515	53503.7	53503.7	53503.7	1	14
ICRF J032513.3 − 241548	0323 − 244	03 25 13.34464959	−24 15 48.0527564	0.00001449	0.0005020	−0.020	50660.7	50632.3	50688.3	2	142
ICRF J032520.3 + 465506	0321 + 467	03 25 20.30387489	46 55 06.6356187	0.00008246	0.0012271	0.441	50306.3	50306.3	50306.3	1	42
ICRF J032759.2 + 004422	0325 + 005	03 27 59.21553372	00 44 22.7274529	0.00006487	0.0012073	0.122	49914.7	49914.7	49914.7	1	46
ICRF J032759.9 − 220206	0325 − 222	03 27 59.92401632	−22 02 06.3958756	0.00001946	0.0006235	−0.043	50661.0	50632.3	50688.3	2	117
ICRF J032844.3 + 255208	0325 + 256	03 28 44.34855633	25 52 08.3990655	0.00012310	0.0019336	0.228	54112.8	54112.8	54112.8	1	19
ICRF J032915.3 + 351005	0326 + 349	03 29 15.35488489	35 10 05.9909917	0.00001229	0.0002945	0.204	50219.8	50219.8	50219.8	1	79
ICRF J032954.0 − 235708	0327 − 241	03 29 54.07556109	−23 57 08.7735062	0.00001005	0.0003378	−0.059	50661.8	50632.3	50688.3	2	154
ICRF J033032.6 + 465623	0327 + 467	03 30 32.62734204	46 56 23.2929914	0.00003311	0.0005726	0.064	50306.3	50306.3	50306.3	1	77
ICRF J033034.7 + 363941	0327 + 364	03 30 34.76566704	36 39 41.0336846	0.00028173	0.0037802	0.004	50242.8	50242.8	50242.8	1	15
ICRF J033108.9 − 252443	0329 − 255	03 31 08.92059221	−25 24 43.2658619	0.00004420	0.0015886	−0.264	53573.0	53573.0	53573.0	1	53
ICRF J033150.7 − 105155	0329 − 110	03 31 50.75659207	−10 51 55.5033742	0.00002646	0.0009911	−0.397	50576.2	50576.2	50576.2	1	50
ICRF J033557.0 − 070955	0333 − 073	03 35 57.05518499	−07 09 55.8543380	0.00014740	0.0040466	−0.273	53560.8	53560.8	53560.8	1	12
ICRF J033635.0 − 130204	0334 − 131	03 36 35.03580597	−13 02 04.6600514	0.00001273	0.0004690	−0.130	50576.2	50576.2	50576.2	1	73
ICRF J033645.6 − 203637	0334 − 207	03 36 45.61160879	−20 36 37.1761987	0.00011622	0.0033427	−0.784	54088.1	54088.1	54088.1	1	23
ICRF J033909.3 + 600856	0335 + 599	03 39 09.39294909	60 08 56.9749280	0.00030698	0.0030394	0.498	49577.0	49577.0	49577.0	1	24
ICRF J034010.7 + 473227	0336 + 473	03 40 10.78883880	47 32 27.3149839	0.00002502	0.0005259	0.203	50306.3	50306.3	50306.3	1	87
ICRF J034032.5 − 025454	0338 − 030	03 40 32.59569412	−02 54 54.2300609	0.00002385	0.0008534	−0.329	54112.8	54112.8	54112.8	1	31

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J034109.9 + 335221	0337 + 337	03 41 09.97368776	33 52 21.6453293	0.00003714	0.0006617	0.722	50219.8	50219.8	50219.8	1	56
ICRF J034210.3 + 480946	0338 + 480	03 42 10.35264899	48 09 46.9413186	0.00009015	0.0016400	−0.532	50306.3	50306.3	50306.3	1	39
ICRF J034244.9 − 135451	0340 − 140	03 42 44.98794784	−13 54 51.6651340	0.00028491	0.0108502	−0.517	53561.9	53561.9	53561.9	1	6
ICRF J034319.5 − 253017	0341 − 256	03 43 19.52399425	−25 30 17.4030230	0.00007291	0.0026442	−0.174	50666.9	50632.3	50688.3	2	34
ICRF J034441.4 + 682747	0339 + 683	03 44 41.44128397	68 27 47.8104804	0.00007068	0.0006144	−0.330	53573.0	53573.0	53573.0	1	72
ICRF J034634.5 + 540059	0342 + 538	03 46 34.50418633	54 00 59.1086498	0.00003800	0.0004835	−0.270	52409.7	52409.7	52409.7	1	56
ICRF J034729.5 + 200453	0344 + 199	03 47 29.55915981	20 04 53.0442136	0.00005762	0.0012695	−0.280	50139.4	50085.5	50156.3	2	71
ICRF J034756.8 + 555731	0344 + 558	03 47 56.81207141	55 57 31.5782142	0.00003204	0.0003012	−0.100	53523.9	53523.9	53523.9	1	87
ICRF J034757.1 + 233955	0344 + 235	03 47 57.11173537	23 39 55.3229758	0.00012912	0.0032314	−0.847	50132.1	50085.5	50156.3	2	41
ICRF J034839.2 − 161017	0346 − 163	03 48 39.27073628	−16 10 17.7522498	0.00001268	0.0004392	−0.103	50632.3	50632.3	50632.3	1	81
ICRF J034845.1 + 414914	0345 + 416	03 48 45.12238417	41 49 14.6759743	0.00005785	0.0008065	−0.334	53153.2	53153.2	53153.2	1	40
ICRF J034945.2 + 210445	0346 + 209	03 49 45.23009284	21 04 45.9664407	0.00016552	0.0039361	−0.478	50136.5	50085.5	50156.3	2	25
ICRF J035025.0 + 513838	0346 + 514	03 50 25.05153327	51 38 38.7342049	0.00011072	0.0012278	−0.401	52409.7	52409.7	52409.7	1	31
ICRF J035043.3 − 323259	0348 − 326	03 50 43.31628070	−32 32 59.4282454	0.00013751	0.0044768	0.904	52306.7	52306.7	52306.7	1	29
ICRF J035054.2 + 050621	0348 + 049	03 50 54.20318861	05 06 21.1876179	0.00052693	0.0038303	−0.347	49914.7	49914.7	49914.7	1	14
ICRF J035110.9 − 115322	0348 − 120	03 51 10.97693282	−11 53 22.6647244	0.00003112	0.0011728	−0.465	50576.2	50576.2	50576.2	1	45
ICRF J035211.0 − 251450	0350 − 253	03 52 11.05233937	−25 14 50.2680283	0.00001747	0.0006070	−0.142	53560.8	53560.8	53560.8	1	86
ICRF J035403.6 + 662126	0349 + 662	03 54 03.69925435	66 21 26.1253683	0.00014210	0.0008075	0.165	54088.1	54088.1	54088.1	1	23
ICRF J035424.1 + 044107	0351 + 045	03 54 24.12892082	04 41 07.2636638	0.00004851	0.0015974	−0.628	49914.7	49914.7	49914.7	1	58
ICRF J035425.0 − 161622	0352 − 164	03 54 25.02818369	−16 16 22.4501992	0.00008913	0.0027448	−0.495	53503.7	53503.7	53503.7	1	26
ICRF J035446.1 + 800928	0346 + 800	03 54 46.12583619	80 09 28.8478741	0.00027229	0.0006985	−0.758	50688.3	50688.3	50688.3	1	58
ICRF J035608.4 + 290342	0353 + 289	03 56 08.46195317	29 03 42.3210942	0.00004248	0.0013938	0.165	50219.8	50219.8	50219.8	1	38
ICRF J035625.1 + 604357	0352 + 605	03 56 25.19879255	60 43 57.9798373	0.00009271	0.0010467	−0.364	49577.0	49577.0	49577.0	1	64
ICRF J035743.2 − 075114	0355 − 079	03 57 43.29326868	−07 51 14.5676342	0.00001844	0.0006435	−0.438	50576.2	50576.2	50576.2	1	64
ICRF J035902.6 + 600522	0354 + 599	03 59 02.63997401	60 05 22.0694252	0.00004099	0.0005368	0.032	49577.0	49577.0	49577.0	1	81
ICRF J035927.9 + 275824	0356 + 278	03 59 27.93557467	27 58 24.0474275	0.00001833	0.0005229	0.157	53561.9	53561.9	53561.9	1	85
ICRF J035944.9 + 322047	0356 + 322	03 59 44.91293135	32 20 47.1558710	0.00001328	0.0002813	0.267	50219.8	50219.8	50219.8	1	79
ICRF J040011.7 + 055043	0357 + 057	04 00 11.73537431	05 50 43.1229506	0.00002613	0.0006906	0.078	49914.7	49914.7	49914.7	1	75
ICRF J040106.6 − 160639	0358 − 162	04 01 06.63674497	−16 06 39.0106371	0.00002593	0.0009760	0.090	53573.0	53573.0	53573.0	1	57
ICRF J040121.4 − 292126	0359 − 294	04 01 21.48367371	−29 21 26.8311219	0.00017584	0.0039184	0.642	50688.3	50688.3	50688.3	1	24
ICRF J040216.7 − 145820	0359 − 151	04 02 16.78724427	−14 58 20.9951480	0.00004767	0.0014079	−0.452	53560.8	53560.8	53560.8	1	43
ICRF J040549.2 + 380332	0402 + 379	04 05 49.26234428	38 03 32.2355703	0.00009135	0.0009127	0.288	50242.8	50242.8	50242.8	1	33
ICRF J040634.3 + 063714	0403 + 064	04 06 34.30730208	06 37 14.9905121	0.00019659	0.0030157	−0.198	49914.7	49914.7	49914.7	1	10
ICRF J040729.0 + 074207	0404 + 075	04 07 29.08670578	07 42 07.4721308	0.00002273	0.0005986	0.435	52409.7	52409.7	52409.7	1	48
ICRF J040733.9 − 330346	0405 − 331	04 07 33.91377793	−33 03 46.3576574	0.00002278	0.0007514	−0.047	52306.7	52306.7	52306.7	1	57

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J040749.1 + 682131	0402 + 682	04 07 49.16533501	68 21 31.6358909	0.00102063	0.0039754	−0.597	49827.5	49827.5	49827.5	1	14
ICRF J040859.6 − 052940	0406 − 056	04 08 59.64995596	−05 29 40.5395684	0.00002272	0.0007749	−0.196	53313.6	50576.2	53503.7	2	77
ICRF J040925.8 + 064035	0406 + 065	04 09 25.84770466	06 40 35.1028990	0.00002648	0.0007386	−0.199	53561.9	53561.9	53561.9	1	50
ICRF J040937.3 − 165535	0407 − 170	04 09 37.33407458	−16 55 35.5308878	0.00025199	0.0065787	−0.661	50632.3	50632.3	50632.3	1	12
ICRF J040940.5 − 194801	0407 − 199	04 09 40.54940577	−19 48 01.7775673	0.00033198	0.0104407	0.938	54112.8	54112.8	54112.8	1	9
ICRF J041045.6 + 765645	0403 + 768	04 10 45.61081971	76 56 45.3105471	0.00015347	0.0008712	−0.195	52409.7	52409.7	52409.7	1	22
ICRF J041233.4 + 001048	0409 + 000	04 12 33.45640016	00 10 48.4929646	0.00013290	0.0052010	0.102	49914.7	49914.7	49914.7	1	15
ICRF J041238.1 + 043806	0409 + 045	04 12 38.18710244	04 38 06.0360583	0.00009097	0.0020795	0.560	49914.7	49914.7	49914.7	1	44
ICRF J041245.9 + 185637	0409 + 188	04 12 45.94418254	18 56 37.0767465	0.00004082	0.0009001	0.261	50138.8	50085.5	50156.3	2	105
ICRF J041328.2 − 061501	0411 − 063	04 13 28.23954840	−06 15 01.4870857	0.00020100	0.0062068	−0.618	53153.2	53153.2	53153.2	1	7
ICRF J041337.0 + 525052	0409 + 527	04 13 37.08641324	52 50 52.9442304	0.00005524	0.0009015	0.381	53573.0	53573.0	53573.0	1	64
ICRF J041437.2 + 341851	0411 + 341	04 14 37.25574837	34 18 51.2071581	0.00002450	0.0005518	−0.036	50219.8	50219.8	50219.8	1	37
ICRF J041437.7 + 053442	0411 + 054	04 14 37.76781859	05 34 42.3354282	0.00025030	0.0080116	−0.076	51171.8	49914.7	54314.7	2	7
ICRF J041556.5 + 445249	0412 + 447	04 15 56.52651983	44 52 49.6833933	0.00002333	0.0003560	−0.274	50306.3	50306.3	50306.3	1	64
ICRF J041604.3 − 205627	0413 − 210	04 16 04.35974234	−20 56 27.5177458	0.00000921	0.0003061	−0.251	50660.3	50632.3	50688.3	2	144
ICRF J041610.0 − 340303	0414 − 341	04 16 10.05435381	−34 03 03.9582439	0.00046575	0.0099857	0.526	52306.7	52306.7	52306.7	1	10
ICRF J041620.5 − 333932	0414 − 337	04 16 20.51040933	−33 39 32.3625197	0.00034089	0.0131375	0.824	52306.7	52306.7	52306.7	1	12
ICRF J041900.4 − 213235	0416 − 216	04 19 00.41820803	−21 32 35.6750893	0.00032341	0.0077094	0.860	54112.8	54112.8	54112.8	1	12
ICRF J041919.4 + 572259	0415 + 572	04 19 19.41303156	57 22 59.9862556	0.00015137	0.0014278	0.504	49577.0	49577.0	49577.0	1	30
ICRF J041947.2 − 301023	0417 − 302	04 19 47.20548551	−30 10 23.8356372	0.00056374	0.0151865	0.417	52637.9	52306.7	53134.5	2	5
ICRF J042018.3 − 150126	0418 − 151	04 20 18.39336632	−15 01 26.5761896	0.00001536	0.0005576	−0.220	50632.3	50632.3	50632.3	1	81
ICRF J042151.7 + 435210	0418 + 437	04 21 51.77491665	43 52 10.4296904	0.00005058	0.0007623	−0.165	53560.8	53560.8	53560.8	1	46
ICRF J042221.2 + 305809	0419 + 308	04 22 21.22400710	30 58 09.7155795	0.00046536	0.0038647	0.893	54088.1	54088.1	54088.1	1	18
ICRF J042408.5 + 020424	0421 + 019	04 24 08.56203944	02 04 24.9641635	0.00001313	0.0004636	−0.207	49914.7	49914.7	49914.7	1	96
ICRF J042457.6 + 080517	0422 + 079	04 24 57.60285580	08 05 17.3272874	0.00001390	0.0003932	0.102	53573.0	53573.0	53573.0	1	90
ICRF J042553.5 − 161240	0423 − 163	04 25 53.57267537	−16 12 40.2482870	0.00027865	0.0066705	0.570	50632.3	50632.3	50632.3	1	14
ICRF J042630.2 + 295222	0423 + 297	04 26 30.22611957	29 52 22.9336479	0.00005024	0.0010400	−0.111	54112.8	54112.8	54112.8	1	28
ICRF J042726.1 − 070031	0425 − 071	04 27 26.15923764	−07 00 31.2637603	0.00001144	0.0003525	−0.095	53532.4	53503.7	53560.8	2	159
ICRF J042746.0 + 413301	0424 + 414	04 27 46.04556689	41 33 01.0999002	0.00001270	0.0002402	0.202	50242.8	50242.8	50242.8	1	90
ICRF J042805.8 + 325952	0424 + 328	04 28 05.80872626	32 59 52.0437647	0.00002258	0.0004609	−0.381	50219.8	50219.8	50219.8	1	50
ICRF J042952.7 + 331901	0426 + 332	04 29 52.72112613	33 19 01.8584620	0.00002619	0.0005681	−0.025	53523.9	53523.9	53523.9	1	72
ICRF J043103.7 + 203734	0428 + 205	04 31 03.76136151	20 37 34.2649550	0.00007954	0.0014881	−0.156	52306.7	52306.7	52306.7	1	17
ICRF J043128.0 − 040627	0428 − 042	04 31 28.08857899	−04 06 27.3194347	0.00005119	0.0014272	−0.122	53552.8	53552.8	53552.8	1	31
ICRF J043157.3 + 173135	0429 + 174	04 31 57.37925517	17 31 35.7753296	0.00005132	0.0014287	−0.651	50135.1	50085.5	50156.3	2	90
ICRF J043229.0 − 161405	0430 − 163	04 32 29.08230119	−16 14 05.6692584	0.00001852	0.0006109	−0.407	53503.7	53503.7	53503.7	1	51

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J043236.5 + 413828	0429 + 415	04 32 36.50262850	41 38 28.4488035	0.00001794	0.0003750	0.092	50242.8	50242.8	50242.8	1	41
ICRF J043244.5 − 330911	0430 − 332	04 32 44.56441736	−33 09 11.9294760	0.00012285	0.0047625	0.797	52306.7	52306.7	52306.7	1	9
ICRF J043419.0 − 144255	0432 − 148	04 34 19.02511547	−14 42 55.3572696	0.00001654	0.0005733	−0.313	50632.3	50632.3	50632.3	1	79
ICRF J043534.5 + 253259	0432 + 254	04 35 34.58294300	25 32 59.6968674	0.00007996	0.0020594	0.428	50219.8	50219.8	50219.8	1	21
ICRF J043704.3 + 294013	0433 + 295	04 37 04.37510272	29 40 13.8184969	0.00039807	0.0052002	−0.451	52409.7	52409.7	52409.7	1	6
ICRF J043736.5 − 295404	0435 − 300	04 37 36.56867618	−29 54 04.1186711	0.00002002	0.0006218	0.008	53523.9	53523.9	53523.9	1	69
ICRF J043804.9 + 300445	0434 + 299	04 38 04.94831393	30 04 45.5178697	0.00001391	0.0003697	−0.289	50219.8	50219.8	50219.8	1	56
ICRF J043837.8 − 084821	0436 − 089	04 38 37.87652581	−08 48 21.5084773	0.00021492	0.0030232	0.311	50576.2	50576.2	50576.2	1	23
ICRF J043850.4 − 201226	0436 − 203	04 38 50.48948886	−20 12 26.3940511	0.00015943	0.0043688	−0.702	50657.3	50632.3	50688.3	2	47
ICRF J043855.8 + 215310	0435 + 217	04 38 55.88495143	21 53 10.3069710	0.00002368	0.0006075	−0.026	53560.8	53560.8	53560.8	1	70
ICRF J043902.2 + 052043	0436 + 052	04 39 02.26217381	05 20 43.6741441	0.00003486	0.0007589	0.107	53134.5	53134.5	53134.5	1	35
ICRF J043917.7 + 304507	0436 + 306	04 39 17.77456164	30 45 07.5523405	0.00001969	0.0005291	−0.212	50219.8	50219.8	50219.8	1	48
ICRF J043953.2 − 301745	0437 − 303	04 39 53.20152544	−30 17 45.6241501	0.00021031	0.0059677	0.903	52409.7	52409.7	52409.7	1	23
ICRF J044007.8 + 424440	0436 + 426	04 40 07.87162307	42 44 40.2581455	0.00001670	0.0003233	0.171	50242.8	50242.8	50242.8	1	76
ICRF J044021.1 + 143756	0437 + 145	04 40 21.13929599	14 37 56.9518124	0.00003558	0.0011355	0.151	53126.1	53126.1	53126.1	1	28
ICRF J044027.7 + 272840	0437 + 273	04 40 27.73948823	27 28 40.6812144	0.00008209	0.0015028	−0.126	50219.8	50219.8	50219.8	1	19
ICRF J044133.7 − 334003	0439 − 337	04 41 33.76804858	−33 40 03.9174817	0.00006558	0.0015685	−0.128	52306.7	52306.7	52306.7	1	24
ICRF J044237.6 − 282530	0440 − 285	04 42 37.65720820	−28 25 30.8361905	0.00001910	0.0006882	0.012	50688.3	50688.3	50688.3	1	59
ICRF J044412.4 + 104247	0441 + 106	04 44 12.46608469	10 42 47.2633797	0.00013711	0.0048063	−0.787	49914.7	49914.7	49914.7	1	26
ICRF J044501.4 + 071553	0442 + 071	04 45 01.42872887	07 15 53.9135925	0.00005622	0.0018162	−0.660	49914.7	49914.7	49914.7	1	56
ICRF J044737.2 − 220336	0445 − 221	04 47 37.28233766	−22 03 36.8036863	0.00120077	0.0162510	0.777	52409.7	52409.7	52409.7	1	5
ICRF J044817.3 − 210944	0446 − 212	04 48 17.38171194	−21 09 44.8304633	0.00008074	0.0018618	0.573	53560.8	53560.8	53560.8	1	27
ICRF J044821.7 + 095051	0445 + 097	04 48 21.73840716	09 50 51.4609110	0.00002071	0.0004930	0.007	53523.9	53523.9	53523.9	1	57
ICRF J044823.9 − 262614	0446 − 265	04 48 23.96464173	−26 26 14.8214798	0.00143625	0.0359625	0.650	54112.8	54112.8	54112.8	1	3
ICRF J044835.1 + 362931	0445 + 364	04 48 35.16160643	36 29 31.4163891	0.00002945	0.0005949	0.499	50242.8	50242.8	50242.8	1	67
ICRF J044849.4 − 093531	0446 − 096	04 48 49.46973725	−09 35 31.5015725	0.00036372	0.0165024	−0.776	53573.0	53573.0	53573.0	1	9
ICRF J044850.4 + 112754	0446 + 113	04 48 50.41214501	11 27 54.3684604	0.00008027	0.0019917	−0.734	49914.7	49914.7	49914.7	1	41
ICRF J044912.5 + 175431	0446 + 178	04 49 12.51165039	17 54 31.5963224	0.00008781	0.0016487	−0.272	53134.5	53134.5	53134.5	1	10
ICRF J044942.2 − 391109	0448 − 392	04 49 42.25468953	−39 11 09.4697880	0.00002384	0.0007027	−0.052	52358.2	52306.7	52409.7	2	38
ICRF J044942.9 − 005722	0447 − 010	04 49 42.90595102	−00 57 22.3526484	0.00002957	0.0009069	−0.563	53561.9	53561.9	53561.9	1	59
ICRF J045035.9 − 183700	0448 − 187	04 50 35.90963046	−18 37 00.4083033	0.00001360	0.0004702	−0.157	50660.1	50632.3	50688.3	2	145
ICRF J045043.6 + 405613	0447 + 408	04 50 43.67962376	40 56 13.9679837	0.00003347	0.0005265	0.437	52409.7	52409.7	52409.7	1	45
ICRF J045051.9 + 224905	0447 + 227	04 50 51.94470531	22 49 05.8986577	0.00002291	0.0005783	0.033	53552.8	53552.8	53552.8	1	82
ICRF J045302.2 + 012835	0450 + 013	04 53 02.23861791	01 28 35.6289550	0.00002258	0.0005618	0.204	53126.1	53126.1	53126.1	1	45
ICRF J045520.7 + 065538	0452 + 068	04 55 20.71294506	06 55 38.8722482	0.00029226	0.0059956	−0.342	53560.8	53560.8	53560.8	1	5

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J045647.1 + 040052	0454 + 039	04 56 47.17473081	04 00 52.9467146	0.00003060	0.0011449	0.504	49914.7	49914.7	49914.7	1	64
ICRF J045707.7 + 064507	0454 + 066	04 57 07.70993106	06 45 07.2601381	0.00002159	0.0006076	0.177	49914.7	49914.7	49914.7	1	101
ICRF J045720.2 − 084905	0454 − 088	04 57 20.21286929	−08 49 05.4848987	0.00006505	0.0014439	0.215	50576.2	50576.2	50576.2	1	43
ICRF J045754.3 − 181916	0455 − 183	04 57 54.32521992	−18 19 16.0728084	0.00004787	0.0017977	0.296	53561.9	53561.9	53561.9	1	26
ICRF J045854.8 + 550842	0454 + 550	04 58 54.83994156	55 08 42.0578368	0.00012844	0.0012557	0.544	49577.0	49577.0	49577.0	1	48
ICRF J045933.0 + 310634	0456 + 310	04 59 33.03370778	31 06 34.2874753	0.00002307	0.0005798	−0.022	50219.8	50219.8	50219.8	1	51
ICRF J050027.4 + 425330	0456 + 428	05 00 27.47291416	42 53 30.8549604	0.00018866	0.0015706	−0.658	52409.7	52409.7	52409.7	1	19
ICRF J050145.7 + 712833	0456 + 714	05 01 45.77994137	71 28 33.9635931	0.00006954	0.0004235	−0.068	53134.5	53134.5	53134.5	1	45
ICRF J050159.9 − 135504	0459 − 139	05 01 59.94488677	−13 55 04.8259433	0.00009757	0.0024483	0.273	53552.8	53552.8	53552.8	1	26
ICRF J050232.4 + 384954	0459 + 387	05 02 32.49293652	38 49 54.9417688	0.00011751	0.0010544	−0.370	52409.7	52409.7	52409.7	1	37
ICRF J050237.9 + 413919	0459 + 415	05 02 37.98820882	41 39 19.3479360	0.00001842	0.0002868	−0.407	52409.7	52409.7	52409.7	1	81
ICRF J050244.3 − 354114	0500 − 357	05 02 44.36647332	−35 41 14.7942244	0.00042796	0.0223695	0.784	52521.2	52306.7	53126.1	3	11
ICRF J050348.0 − 212831	0501 − 215	05 03 48.08961437	−21 28 31.3368742	0.00018532	0.0093848	−0.209	52409.7	52409.7	52409.7	1	9
ICRF J050350.2 + 442439	0500 + 443	05 03 50.22395257	44 24 39.3814324	0.00002867	0.0003849	−0.377	52409.7	52409.7	52409.7	1	71
ICRF J050356.0 − 063803	0501 − 067	05 03 56.04946733	−06 38 03.4976349	0.00113900	0.0317526	−0.963	53573.0	53573.0	53573.0	1	7
ICRF J050356.7 + 340328	0500 + 339	05 03 56.78493850	34 03 28.1154416	0.00025129	0.0023838	0.453	50219.8	50219.8	50219.8	1	11
ICRF J050551.2 − 041926	0503 − 043	05 05 51.23835253	−04 19 26.6174314	0.00009623	0.0034546	0.068	54112.8	54112.8	54112.8	1	15
ICRF J050557.1 − 161558	0503 − 163	05 05 57.16061578	−16 15 58.0072847	0.00007330	0.0022982	−0.773	53560.8	53560.8	53560.8	1	37
ICRF J050634.0 + 214100	0503 + 216	05 06 34.03334007	21 41 00.1596452	0.00002279	0.0006147	−0.091	53561.9	53561.9	53561.9	1	72
ICRF J050723.6 + 464542	0503 + 466	05 07 23.65880953	46 45 42.3386928	0.00002667	0.0005228	−0.273	50306.3	50306.3	50306.3	1	69
ICRF J050827.2 + 605627	0503 + 608	05 08 27.25937425	60 56 27.3367512	0.00088415	0.0038125	−0.820	53503.7	53503.7	53503.7	1	7
ICRF J050905.8 + 352817	0505 + 354	05 09 05.84613229	35 28 17.2865906	0.00002861	0.0006441	0.014	50242.8	50242.8	50242.8	1	77
ICRF J050925.9 + 054135	0506 + 056	05 09 25.96447318	05 41 35.3333648	0.00001282	0.0004431	−0.219	49914.7	49914.7	49914.7	1	133
ICRF J051046.3 − 314253	0508 − 317	05 10 46.34091825	−31 42 53.9300171	0.00001775	0.0005730	−0.121	53523.9	53523.9	53523.9	1	64
ICRF J051150.3 + 263154	0508 + 264	05 11 50.37153217	26 31 54.8661235	0.00002721	0.0012032	0.321	54112.8	54112.8	54112.8	1	42
ICRF J051157.6 + 011049	0509 + 011	05 11 57.61250261	01 10 49.4350942	0.00012424	0.0032647	−0.415	49914.7	49914.7	49914.7	1	22
ICRF J051239.0 + 203742	0509 + 205	05 12 39.07510293	20 37 42.7964472	0.00028939	0.0062863	−0.035	53560.8	53560.8	53560.8	1	5
ICRF J051242.2 + 292703	0509 + 293	05 12 42.20585527	29 27 03.6106308	0.00004931	0.0008507	0.449	53561.9	53561.9	53561.9	1	46
ICRF J051252.5 + 404143	0509 + 406	05 12 52.54284196	40 41 43.6203433	0.00001545	0.0001991	−0.403	52409.7	52409.7	52409.7	1	126
ICRF J051340.0 + 010021	0511 + 009	05 13 40.03252654	01 00 21.6542460	0.00002307	0.0007358	−0.136	49914.7	49914.7	49914.7	1	93
ICRF J051342.8 − 201611	0511 − 203	05 13 42.85838145	−20 16 11.4878515	0.00012479	0.0063399	−0.758	54088.1	54088.1	54088.1	1	25
ICRF J051417.3 − 202920	0512 − 205	05 14 17.34753808	−20 29 20.5112871	0.00003194	0.0009724	−0.102	53552.8	53552.8	53552.8	1	70
ICRF J051640.4 + 274310	0513 + 276	05 16 40.47722470	27 43 10.2776376	0.00006186	0.0010121	0.403	53126.1	53126.1	53126.1	1	33
ICRF J051646.6 + 105754	0514 + 109	05 16 46.64626875	10 57 54.7871384	0.00002074	0.0007123	0.142	49959.5	49914.7	54482.7	2	102
ICRF J051656.3 + 073253	0514 + 074	05 16 56.36492262	07 32 53.2437375	0.00080466	0.0221144	−0.978	53561.9	53561.9	53561.9	1	7

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J051657.1 − 153710	0514 − 156	05 16 57.18557104	−15 37 10.3670796	0.00039107	0.0075876	0.401	53573.0	53573.0	53573.0	1	5
ICRF J051724.0 − 175624	0515 − 179	05 17 24.04696803	−17 56 24.1481615	0.00009090	0.0026180	−0.413	53561.9	53561.9	53561.9	1	28
ICRF J051728.1 − 052040	0515 − 053	05 17 28.11016064	−05 20 40.8421334	0.00002113	0.0007560	0.092	53536.3	53523.9	53560.8	2	95
ICRF J051728.8 + 453704	0513 + 455	05 17 28.89946102	45 37 04.8651561	0.00003002	0.0003997	−0.027	50306.3	50306.3	50306.3	1	60
ICRF J051751.3 + 064803	0515 + 067	05 17 51.34416205	06 48 03.2106915	0.00002241	0.0006202	−0.229	49914.7	49914.7	49914.7	1	105
ICRF J051805.1 + 330613	0514 + 330	05 18 05.14244722	33 06 13.3646794	0.00002353	0.0004912	−0.518	50219.8	50219.8	50219.8	1	69
ICRF J051806.0 − 245501	0516 − 249	05 18 06.05163394	−24 55 01.9121207	0.00044285	0.0091999	0.431	54112.8	54112.8	54112.8	1	8
ICRF J051812.0 + 473055	0514 + 474	05 18 12.08980880	47 30 55.5283960	0.00004958	0.0006112	−0.334	50306.3	50306.3	50306.3	1	48
ICRF J051910.8 + 084856	0516 + 087	05 19 10.81112767	08 48 56.7344975	0.00001134	0.0003776	0.050	53134.5	53134.5	53134.5	1	72
ICRF J052123.5 − 173730	0519 − 176	05 21 23.55742085	−17 37 30.1849057	0.00005660	0.0019528	−0.458	53560.8	53560.8	53560.8	1	40
ICRF J052145.9 + 211251	0518 + 211	05 21 45.96584207	21 12 51.4517285	0.00003970	0.0009058	−0.423	50150.9	50085.5	50156.3	2	104
ICRF J052217.4 + 011331	0519 + 011	05 22 17.46745083	01 13 31.1863432	0.00002296	0.0006718	0.062	49914.7	49914.7	49914.7	1	112
ICRF J052244.6 − 162752	0520 − 165	05 22 44.65498722	−16 27 52.4053323	0.00002288	0.0007619	0.085	53561.9	53561.9	53561.9	1	63
ICRF J052311.0 + 600745	0518 + 600	05 23 11.00817507	60 07 45.7197365	0.00100303	0.0056179	0.256	53127.5	53126.1	53134.5	2	6
ICRF J052318.4 − 261409	0521 − 262	05 23 18.46955817	−26 14 09.5556023	0.00002354	0.0008841	−0.190	50663.6	50632.3	50688.3	2	102
ICRF J052355.7 + 411350	0520 + 411	05 23 55.78024656	41 13 50.8103856	0.00003170	0.0004921	0.113	50242.8	50242.8	50242.8	1	76
ICRF J052413.4 + 703452	0518 + 705	05 24 13.43341450	70 34 52.9061786	0.00009376	0.0006058	0.008	54088.1	54088.1	54088.1	1	53
ICRF J052454.6 − 281841	0522 − 283	05 24 54.63031129	−28 18 41.6201562	0.00003904	0.0013540	−0.049	54112.8	54112.8	54112.8	1	35
ICRF J052506.5 − 233810	0523 − 236	05 25 06.50597683	−23 38 10.8060833	0.00003757	0.0011293	0.115	53552.8	53552.8	53552.8	1	80
ICRF J052953.5 − 051941	0527 − 053	05 29 53.53344426	−05 19 41.6167114	0.00014432	0.0026388	0.576	53561.9	53561.9	53561.9	1	10
ICRF J053012.5 + 372332	0526 + 373	05 30 12.54928191	37 23 32.6192912	0.00004314	0.0006909	−0.080	52409.7	52409.7	52409.7	1	53
ICRF J053202.0 − 384854	0530 − 388	05 32 02.06168312	−38 48 54.3331681	0.00019121	0.0076432	−0.935	53523.9	53523.9	53523.9	1	9
ICRF J053207.5 − 030707	0529 − 031	05 32 07.51926309	−03 07 07.0379579	0.00002412	0.0006431	0.479	53532.0	53503.7	53573.0	2	76
ICRF J053257.1 − 394109	0531 − 397	05 32 57.18562108	−39 41 09.0068225	0.00120590	0.0359189	0.475	52306.7	52306.7	52306.7	1	4
ICRF J053356.4 + 421054	0530 + 421	05 33 56.48497280	42 10 54.4215907	0.00003612	0.0007265	0.195	50242.8	50242.8	50242.8	1	67
ICRF J053620.2 + 503826	0532 + 506	05 36 20.23190300	50 38 26.2517064	0.00001424	0.0001952	−0.006	49964.9	49577.0	53306.8	3	145
ICRF J053622.3 − 200531	0534 − 201	05 36 22.30104609	−20 05 31.3922383	0.00012623	0.0043548	0.630	52982.8	52409.7	53126.1	2	10
ICRF J053730.0 + 444103	0533 + 446	05 37 30.06062687	44 41 03.5396461	0.00004830	0.0006479	0.009	50306.3	50306.3	50306.3	1	55
ICRF J053854.7 + 510723	0534 + 510	05 38 54.79521579	51 07 23.4065382	0.00002856	0.0005744	0.327	53573.0	53573.0	53573.0	1	90
ICRF J054014.3 + 250755	0537 + 251	05 40 14.34275409	25 07 55.3490631	0.00003729	0.0009060	−0.335	50219.8	50219.8	50219.8	1	27
ICRF J054113.3 + 674523	0535 + 677	05 41 13.39699741	67 45 23.2728023	0.00037397	0.0027537	0.240	49827.5	49827.5	49827.5	1	17
ICRF J054114.7 + 555043	0537 + 558	05 41 14.75779866	55 50 43.5702583	0.00004709	0.0007960	−0.642	54112.8	54112.8	54112.8	1	32
ICRF J054116.1 + 531224	0537 + 531	05 41 16.17405718	53 12 24.8349594	0.00003192	0.0004467	0.409	49577.0	49577.0	49577.0	1	99
ICRF J054149.2 + 472907	0538 + 474	05 41 49.24550347	47 29 07.6109382	0.00002465	0.0003947	0.084	50306.3	50306.3	50306.3	1	71
ICRF J054255.8 − 091331	0540 − 092	05 42 55.87741010	−09 13 31.0065600	0.00004180	0.0010344	0.139	53503.7	53503.7	53503.7	1	38

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J054338.8 + 823828	0532 + 826	05 43 38.84682009	82 38 28.7647497	0.00030948	0.0012242	0.300	53561.9	53561.9	53561.9	1	49
ICRF J054401.1 + 454102	0540 + 456	05 44 01.16617603	45 41 02.7926730	0.00014948	0.0016626	−0.272	50306.3	50306.3	50306.3	1	34
ICRF J054407.5 − 224109	0542 − 227	05 44 07.56709126	−22 41 09.9820318	0.00001472	0.0004580	−0.065	53542.4	53523.9	53560.8	2	154
ICRF J054414.0 + 525806	0540 + 529	05 44 14.07480570	52 58 06.5047707	0.00551486	0.0707627	−0.261	54088.1	54088.1	54088.1	1	5
ICRF J054452.1 + 111849	0542 + 112	05 44 52.19979492	11 18 49.9256671	0.00082331	0.0055300	−0.086	49914.7	49914.7	49914.7	1	6
ICRF J054706.2 + 122346	0544 + 123	05 47 06.27631416	12 23 46.2449170	0.00002033	0.0006027	−0.021	54112.8	54112.8	54112.8	1	55
ICRF J054932.3 − 275238	0547 − 278	05 49 32.34718631	−27 52 38.8595255	0.00009100	0.0030306	−0.776	53561.9	53561.9	53561.9	1	29
ICRF J054954.1 + 305447	0546 + 308	05 49 54.18062359	30 54 47.5990944	0.00022765	0.0024711	0.160	53552.8	53552.8	53552.8	1	15
ICRF J055111.2 + 082911	0548 + 084	05 51 11.22932386	08 29 11.2210572	0.00006411	0.0012142	0.323	53539.9	53523.9	53573.0	2	40
ICRF J055155.2 − 190920	0549 − 191	05 51 55.26032486	−19 09 20.9689705	0.00005968	0.0016068	0.034	53560.8	53560.8	53560.8	1	43
ICRF J055250.1 + 031327	0550 + 032	05 52 50.10150010	03 13 27.2431110	0.00003656	0.0007951	−0.205	49914.7	49914.7	49914.7	1	52
ICRF J055253.0 + 724045	0546 + 726	05 52 53.00000741	72 40 45.1126340	0.00068569	0.0023573	−0.721	52409.7	52409.7	52409.7	1	18
ICRF J055341.8 − 084001	0551 − 086	05 53 41.89155143	−08 40 01.9013071	0.00025195	0.0053862	−0.686	53561.9	53561.9	53561.9	1	14
ICRF J055400.8 + 685754	0548 + 689	05 54 00.80672186	68 57 54.4437877	0.00258888	0.0098290	0.915	52490.3	49827.5	54088.1	2	8
ICRF J055409.5 + 354131	0550 + 356	05 54 09.52930296	35 41 31.4005550	0.00007219	0.0014618	−0.716	54112.8	54112.8	54112.8	1	20
ICRF J055800.0 + 341848	0554 + 343	05 58 00.08861481	34 18 48.3876527	0.00002453	0.0004879	0.125	53503.7	53503.7	53503.7	1	78
ICRF J055802.5 − 131741	0555 − 132	05 58 02.54671012	−13 17 41.1957248	0.00000848	0.0002758	−0.214	50576.2	50576.2	50576.2	1	86
ICRF J055844.3 − 005506	0556 − 009	05 58 44.39146287	−00 55 06.9237353	0.00023280	0.0081794	0.564	53523.9	53523.9	53523.9	1	12
ICRF J055900.4 + 374955	0555 + 378	05 59 00.45213109	37 49 55.5196427	0.00003187	0.0006838	−0.645	50242.8	50242.8	50242.8	1	73
ICRF J055913.3 + 580403	0554 + 580	05 59 13.39422388	58 04 03.4469853	0.00012893	0.0010155	0.472	49577.0	49577.0	49577.0	1	55
ICRF J055946.4 − 181747	0557 − 182	05 59 46.40377212	−18 17 47.5653005	0.00074750	0.0143608	0.409	53560.8	53560.8	53560.8	1	4
ICRF J060258.9 + 421210	0559 + 422	06 02 58.94406578	42 12 10.0092100	0.00001445	0.0003009	−0.436	50242.8	50242.8	50242.8	1	90
ICRF J060314.3 + 062227	0600 + 063	06 03 14.35554910	06 22 27.9510418	0.00022979	0.0039757	0.825	53503.7	53503.7	53503.7	1	16
ICRF J060355.8 + 295705	0600 + 299	06 03 55.85190830	29 57 05.3581124	0.00006510	0.0011845	0.003	50219.8	50219.8	50219.8	1	34
ICRF J060425.1 − 422530	0602 − 424	06 04 25.17465637	−42 25 30.0934262	0.00004534	0.0013716	−0.320	52347.9	52306.7	52409.7	2	30
ICRF J060435.6 + 441358	0600 + 442	06 04 35.62876855	44 13 58.5492768	0.00012064	0.0011788	−0.612	50306.3	50306.3	50306.3	1	38
ICRF J060449.3 + 105540	0602 + 109	06 04 49.36968079	10 55 40.3732637	0.00021075	0.0019486	0.002	49914.7	49914.7	49914.7	1	35
ICRF J060506.4 − 352217	0603 − 353	06 05 06.46517805	−35 22 17.4662069	0.00004606	0.0015664	−0.351	52359.6	52306.7	52409.7	2	37
ICRF J060510.1 + 093913	0602 + 096	06 05 10.11311626	09 39 13.6126161	0.00004972	0.0014530	−0.054	49914.7	49914.7	49914.7	1	41
ICRF J060542.2 + 575316	0601 + 578	06 05 42.22785116	57 53 16.3553628	0.00053398	0.0029781	0.379	49577.0	49577.0	49577.0	1	17
ICRF J060643.5 − 072430	0604 − 074	06 06 43.54628632	−07 24 30.2323241	0.00001595	0.0004630	−0.012	53560.8	53560.8	53560.8	1	86
ICRF J060657.4 − 002457	0604 − 004	06 06 57.44373829	−00 24 57.4579035	0.00040693	0.0159728	0.389	53552.8	53552.8	53552.8	1	4
ICRF J060723.2 + 473946	0603 + 476	06 07 23.25498374	47 39 46.9419812	0.00002220	0.0003688	0.069	50306.3	50306.3	50306.3	1	72
ICRF J060801.5 − 152036	0605 − 153	06 08 01.53193703	−15 20 36.9784311	0.00004505	0.0015583	0.283	54112.8	54112.8	54112.8	1	23
ICRF J060811.4 − 384726	0606 − 387	06 08 11.46157390	−38 47 26.5929479	0.00041293	0.0202604	0.629	53523.9	53523.9	53523.9	1	9

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J060845.2 − 271710	0606 − 272	06 08 45.23683628	−27 17 10.8316603	0.00005554	0.0016635	−0.420	53503.7	53503.7	53503.7	1	31
ICRF J061024.2 + 780136	0602 + 780	06 10 24.27938185	78 01 36.1924696	0.00038239	0.0024690	0.052	54088.1	54088.1	54088.1	1	19
ICRF J061038.7 − 230145	0608 − 230	06 10 38.78731537	−23 01 45.8367727	0.00014800	0.0043094	−0.553	53560.8	53560.8	53560.8	1	21
ICRF J061135.0 − 115545	0609 − 119	06 11 35.06511858	−11 55 45.8282728	0.00014806	0.0033478	−0.155	53561.9	53561.9	53561.9	1	19
ICRF J061210.3 + 622534	0607 + 624	06 12 10.32509144	62 25 34.0130510	0.00027560	0.0020009	0.507	54112.8	54112.8	54112.8	1	18
ICRF J061228.6 − 433748	0610 − 436	06 12 28.60514297	−43 37 48.3703290	0.00034977	0.0262101	−0.382	52409.7	52409.7	52409.7	1	9
ICRF J061229.6 − 313858	0610 − 316	06 12 29.66434990	−31 38 58.1861841	0.00014177	0.0098425	−0.270	53134.5	53134.5	53134.5	1	9
ICRF J061251.1 + 412237	0609 + 413	06 12 51.18522973	41 22 37.4083288	0.00001074	0.0002223	−0.417	50242.8	50242.8	50242.8	1	90
ICRF J061417.2 − 253653	0612 − 255	06 14 17.21081672	−25 36 53.5251140	0.00002280	0.0007308	−0.057	53560.8	53560.8	53560.8	1	89
ICRF J061449.1 + 510213	0610 + 510	06 14 49.15927951	51 02 13.1191900	0.00005156	0.0010452	−0.148	50306.3	50306.3	50306.3	1	63
ICRF J061504.0 + 481904	0611 + 483	06 15 04.05333255	48 19 04.7295759	0.00002856	0.0004616	0.230	50306.3	50306.3	50306.3	1	78
ICRF J061607.9 − 030648	0613 − 030	06 16 07.94132715	−03 06 48.8534117	0.00004204	0.0015110	0.128	53523.9	53523.9	53523.9	1	39
ICRF J061641.8 − 104108	0614 − 106	06 16 41.80762164	−10 41 08.4545679	0.00005805	0.0013644	−0.177	53552.8	53552.8	53552.8	1	31
ICRF J061702.0 − 220028	0614 − 219	06 17 02.04276145	−22 00 28.1727218	0.00002990	0.0009917	−0.356	53552.8	53552.8	53552.8	1	68
ICRF J061733.4 − 171525	0615 − 172	06 17 33.41839994	−17 15 25.0887925	0.00043513	0.0060673	0.635	53573.0	53573.0	53573.0	1	17
ICRF J061756.9 + 781607	0610 + 782	06 17 56.93289291	78 16 07.3941770	0.00010467	0.0002231	0.260	53523.9	53523.9	53523.9	1	88
ICRF J061808.2 + 462016	0614 + 463	06 18 08.20367040	46 20 16.2117577	0.00002768	0.0005304	0.228	53560.8	53560.8	53560.8	1	75
ICRF J061808.6 + 420759	0614 + 421	06 18 08.61993947	42 07 59.8463007	0.00005042	0.0012480	−0.818	54088.1	54088.1	54088.1	1	40
ICRF J061904.1 − 114054	0616 − 116	06 19 04.10256273	−11 40 54.8901814	0.00002259	0.0006760	0.441	53153.2	53153.2	53153.2	1	60
ICRF J061909.9 + 073641	0616 + 076	06 19 09.97105617	07 36 41.2205241	0.00020214	0.0016635	0.427	53126.1	53126.1	53126.1	1	21
ICRF J062019.5 + 210229	0617 + 210	06 20 19.52842093	21 02 29.5458625	0.00011545	0.0024102	−0.652	50120.1	50085.5	50156.3	2	45
ICRF J062029.3 − 282736	0618 − 284	06 20 29.35872388	−28 27 36.0846229	0.00003139	0.0009313	0.355	53503.7	53503.7	53503.7	1	65
ICRF J062032.1 − 251517	0618 − 252	06 20 32.11695978	−25 15 17.4854213	0.00000980	0.0003154	−0.006	50659.2	50632.3	50688.3	2	148
ICRF J062118.7 + 760504	0614 + 761	06 21 18.79321907	76 05 04.5575823	0.00241699	0.0042045	−0.332	49827.5	49827.5	49827.5	1	10
ICRF J062228.5 − 192718	0620 − 194	06 22 28.53709754	−19 27 18.1782350	0.00009573	0.0047174	−0.713	54112.8	54112.8	54112.8	1	9
ICRF J062252.2 + 332610	0619 + 334	06 22 52.22194595	33 26 10.4104875	0.00004273	0.0011651	−0.289	53573.0	53573.0	53573.0	1	63
ICRF J062257.9 − 010927	0620 − 011	06 22 57.94235761	−01 09 27.1220746	0.00012606	0.0053306	0.272	53393.0	53153.2	53552.8	2	20
ICRF J062317.8 + 224135	0620 + 227	06 23 17.81186380	22 41 35.7659123	0.00095840	0.0130340	−0.322	50144.5	50085.5	50156.3	2	6
ICRF J062321.7 + 584901	0618 + 588	06 23 21.77921759	58 49 01.8777315	0.00018138	0.0012372	0.264	49577.0	49577.0	49577.0	1	42
ICRF J062328.9 + 383049	0620 + 385	06 23 28.93955402	38 30 49.8079833	0.00002206	0.0005014	0.064	53560.8	53560.8	53560.8	1	76
ICRF J062356.5 + 455439	0620 + 459	06 23 56.51184019	45 54 39.5096767	0.00013420	0.0012737	0.491	50306.3	50306.3	50306.3	1	36
ICRF J062401.6 − 010328	0621 − 010	06 24 01.68528595	−01 03 28.1240734	0.00026907	0.0140323	0.738	53503.7	53503.7	53503.7	1	9
ICRF J062518.2 + 444001	0621 + 446	06 25 18.26538975	44 40 01.6261343	0.00002229	0.0004531	0.155	50306.3	50306.3	50306.3	1	81
ICRF J062545.9 + 144019	0622 + 147	06 25 45.92225380	14 40 19.7523071	0.00007033	0.0015040	−0.246	52409.7	52409.7	52409.7	1	25
ICRF J062843.2 − 280519	0626 − 280	06 28 43.27905303	−28 05 19.3838581	0.00002978	0.0009075	−0.455	53556.1	53552.8	53561.9	2	93

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J062850.3 + 283550	0625 + 286	06 28 50.31892016	28 35 50.4290736	0.00011956	0.0015034	0.438	53523.9	53523.9	53523.9	1	22
ICRF J062955.0 − 050500	0627 − 050	06 29 55.03102429	−05 05 00.0710649	0.00013353	0.0028645	0.104	53503.7	53503.7	53503.7	1	19
ICRF J063007.2 + 173812	0627 + 176	06 30 07.25850338	17 38 12.9314211	0.00002180	0.0006936	−0.300	50129.1	50085.5	50156.3	2	195
ICRF J063053.9 − 132334	0628 − 133	06 30 53.90310053	−13 23 34.4938968	0.00002686	0.0008261	0.059	53153.2	53153.2	53153.2	1	58
ICRF J063101.0 + 202059	0628 + 203	06 31 01.06253890	20 20 59.2105079	0.00002787	0.0008861	−0.305	50130.2	50085.5	50156.3	2	138
ICRF J063120.2 − 141031	0629 − 141	06 31 20.22619065	−14 10 31.7427515	0.00002368	0.0008134	−0.091	53523.9	53523.9	53523.9	1	89
ICRF J063134.6 + 531127	0627 + 532	06 31 34.68596533	53 11 27.7569302	0.00040765	0.0019672	0.787	49577.0	49577.0	49577.0	1	29
ICRF J063201.6 − 125032	0629 − 128	06 32 01.64486617	−12 50 32.7799558	0.00011294	0.0047958	−0.515	54088.1	54088.1	54088.1	1	21
ICRF J063230.7 + 320053	0629 + 320	06 32 30.78279386	32 00 53.6316043	0.00008736	0.0013377	0.158	50219.8	50219.8	50219.8	1	13
ICRF J063326.7 − 222322	0631 − 223	06 33 26.75332905	−22 23 22.3533731	0.00001414	0.0004870	0.008	53134.5	53134.5	53134.5	1	72
ICRF J063334.4 + 364249	0630 + 367	06 33 34.41168117	36 42 49.7448611	0.00168179	0.0172923	0.328	53573.0	53573.0	53573.0	1	5
ICRF J063352.2 + 494345	0630 + 497	06 33 52.20666346	49 43 45.9238807	0.00006355	0.0008502	0.246	50306.3	50306.3	50306.3	1	49
ICRF J063600.6 − 211312	0633 − 211	06 36 00.60167940	−21 13 12.2010611	0.00002256	0.0006948	−0.195	53561.9	53561.9	53561.9	1	88
ICRF J063611.0 + 500959	0632 + 502	06 36 11.01656479	50 09 59.6275838	0.00008316	0.0007329	−0.483	51305.5	49577.0	54112.8	3	68
ICRF J063648.3 − 054707	0634 − 057	06 36 48.32950725	−05 47 07.5455546	0.00001842	0.0006416	−0.177	53523.9	53523.9	53523.9	1	88
ICRF J063708.8 − 294238	0635 − 296	06 37 08.85978210	−29 42 38.7922857	0.00049141	0.0256803	0.654	54112.8	54112.8	54112.8	1	4
ICRF J063743.3 + 812527	0627 + 814	06 37 43.38457608	81 25 27.7047903	0.00658132	0.0063928	0.723	53561.9	53561.9	53561.9	1	7
ICRF J063751.0 + 145857	0634 + 150	06 37 51.05224956	14 58 57.2861522	0.00005825	0.0017447	−0.667	50132.4	50085.5	50156.3	2	71
ICRF J063802.8 + 593322	0633 + 595	06 38 02.87192935	59 33 22.2146823	0.00004856	0.0004706	0.478	49577.0	49577.0	49577.0	1	83
ICRF J063921.9 + 732458	0633 + 734	06 39 21.96121296	73 24 58.0406813	0.00005806	0.0003344	0.459	49827.5	49827.5	49827.5	1	114
ICRF J063928.7 − 214157	0637 − 216	06 39 28.72554990	−21 41 57.8152838	0.00063643	0.0232767	−0.444	53560.8	53560.8	53560.8	1	3
ICRF J064145.1 + 094704	0639 + 098	06 41 45.19598033	09 47 04.3676174	0.00208304	0.0416844	−0.947	53503.7	53503.7	53503.7	1	3
ICRF J064206.1 + 881155	0603 + 882	06 42 06.13505635	88 11 55.0171270	0.00304461	0.0017301	0.226	53561.9	53561.9	53561.9	1	13
ICRF J064225.0 + 112832	0639 + 115	06 42 25.01579865	11 28 32.9079432	0.00140105	0.0235608	−0.934	53523.9	53523.9	53523.9	1	4
ICRF J064227.8 + 524759	0638 + 528	06 42 27.82182704	52 47 59.2725598	0.00004798	0.0008925	0.020	53573.0	53573.0	53573.0	1	67
ICRF J064258.1 + 350918	0639 + 352	06 42 58.13959089	35 09 18.3785220	0.00005175	0.0014203	−0.036	53561.9	53561.9	53561.9	1	26
ICRF J064307.4 − 245121	0641 − 248	06 43 07.46893440	−24 51 21.3123115	0.00003881	0.0012133	−0.158	54088.1	54088.1	54088.1	1	50
ICRF J064322.0 + 072452	0640 + 074	06 43 22.07331499	07 24 52.4470065	0.00009659	0.0019044	0.474	53503.7	53503.7	53503.7	1	21
ICRF J064326.4 + 085738	0640 + 090	06 43 26.44506745	08 57 38.0105153	0.00015535	0.0021821	−0.389	53344.2	53134.5	53523.9	2	13
ICRF J064332.3 − 133549	0641 − 135	06 43 32.36174130	−13 35 49.8781889	0.00001668	0.0004781	0.088	53503.7	53503.7	53503.7	1	86
ICRF J064425.2 − 345941	0642 − 349	06 44 25.28102293	−34 59 41.9495435	0.00003661	0.0014235	−0.064	52306.7	52306.7	52306.7	1	34
ICRF J064444.8 + 291104	0641 + 292	06 44 44.81577391	29 11 04.0176751	0.00016141	0.0018418	−0.438	54112.8	54112.8	54112.8	1	14
ICRF J064547.2 + 054122	0643 + 057	06 45 47.27652545	05 41 22.3857060	0.00010889	0.0029430	0.453	53552.8	53552.8	53552.8	1	18
ICRF J064615.2 + 304123	0643 + 307	06 46 15.23807948	30 41 23.6317216	0.00006123	0.0009427	0.070	50219.8	50219.8	50219.8	1	31
ICRF J064630.9 − 390339	0644 − 390	06 46 30.92037562	−39 03 39.1167549	0.00020239	0.0102311	0.574	53407.4	53134.5	53503.7	2	23

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J064729.9 − 160527	0645 − 160	06 47 29.96694432	−16 05 27.3595833	0.00002325	0.0008672	−0.422	53523.9	53523.9	53523.9	1	66
ICRF J064828.4 − 174405	0646 − 176	06 48 28.49855775	−17 44 05.4409300	0.00001924	0.0006069	−0.186	53552.8	53552.8	53552.8	1	71
ICRF J064847.1 + 490720	0644 + 491	06 48 47.11859364	49 07 20.7297535	0.00046557	0.0042845	0.456	50306.3	50306.3	50306.3	1	10
ICRF J065025.6 − 015222	0647 − 018	06 50 25.69822976	−01 52 22.1632426	0.00008999	0.0025136	−0.152	53126.1	53126.1	53126.1	1	18
ICRF J065031.2 + 600144	0646 + 600	06 50 31.25435513	60 01 44.5558800	0.00004021	0.0004137	0.591	49577.0	49577.0	49577.0	1	88
ICRF J065038.1 + 035808	0647 + 040	06 50 38.13415680	03 58 08.4391741	0.00004698	0.0011097	0.096	53552.8	53552.8	53552.8	1	43
ICRF J065045.1 − 084000	0648 − 086	06 50 45.17527347	−08 40 00.1822392	0.00005055	0.0014364	0.009	53503.7	53503.7	53503.7	1	25
ICRF J065048.1 + 561634	0646 + 563	06 50 48.19063002	56 16 34.4903261	0.00005064	0.0007617	0.091	53561.9	53561.9	53561.9	1	58
ICRF J065300.5 − 062532	0650 − 063	06 53 00.59761279	−06 25 32.7028834	0.00002330	0.0008159	−0.573	53552.8	53552.8	53552.8	1	64
ICRF J065327.4 + 050851	0650 + 052	06 53 27.48383281	05 08 51.0629677	0.00022836	0.0030205	0.756	53523.9	53523.9	53523.9	1	17
ICRF J065357.8 − 192939	0651 − 194	06 53 57.80562745	−19 29 39.6775959	0.00001751	0.0005021	−0.142	53503.7	53503.7	53503.7	1	73
ICRF J065422.0 + 504223	0650 + 507	06 54 22.09316306	50 42 23.8734505	0.00002678	0.0005075	0.047	53573.0	53573.0	53573.0	1	89
ICRF J065423.7 + 451423	0650 + 453	06 54 23.71365666	45 14 23.5456493	0.00001972	0.0003929	0.224	50306.3	50306.3	50306.3	1	81
ICRF J065548.7 − 241620	0653 − 242	06 55 48.76813384	−24 16 20.7995070	0.00015349	0.0055476	−0.067	53153.2	53153.2	53153.2	1	17
ICRF J065611.1 − 032306	0653 − 033	06 56 11.12058191	−03 23 06.7824030	0.00000846	0.0002472	0.036	53134.5	53134.5	53134.5	1	81
ICRF J065640.8 + 320932	0653 + 322	06 56 40.88918244	32 09 32.5480953	0.00003744	0.0008177	−0.182	54112.8	54112.8	54112.8	1	32
ICRF J065903.2 − 062110	0656 − 062	06 59 03.25244861	−06 21 10.6063988	0.00036953	0.0144227	−0.301	53126.1	53126.1	53126.1	1	5
ICRF J065949.9 − 274518	0657 − 276	06 59 49.91698051	−27 45 18.5112083	0.00003079	0.0010355	0.157	53560.8	53560.8	53560.8	1	65
ICRF J070106.6 + 693629	0655 + 696	07 01 06.61648814	69 36 29.4155278	0.00053127	0.0021670	−0.156	49827.5	49827.5	49827.5	1	27
ICRF J070231.7 + 264411	0659 + 268	07 02 31.79087460	26 44 11.0276016	0.00001652	0.0003534	−0.072	53666.8	50219.8	54088.1	2	101
ICRF J070232.8 + 854952	0645 + 858	07 02 32.81869394	85 49 52.4776793	0.00292529	0.0028861	−0.854	50688.3	50688.3	50688.3	1	20
ICRF J070235.7 − 101506	0700 − 101	07 02 35.75685546	−10 15 06.4172479	0.00002125	0.0006151	0.195	53126.1	53126.1	53126.1	1	73
ICRF J070240.4 − 284150	0700 − 286	07 02 40.40266789	−28 41 50.0484126	0.00003886	0.0017893	−0.660	53503.7	53503.7	53503.7	1	43
ICRF J070246.2 + 544435	0658 + 548	07 02 46.26274864	54 44 35.7342486	0.00016211	0.0019987	0.389	53126.1	53126.1	53126.1	1	24
ICRF J070319.0 − 005103	0700 − 007	07 03 19.08661474	−00 51 03.1579048	0.00000920	0.0002764	0.066	53134.5	53134.5	53134.5	1	72
ICRF J070406.2 − 130722	0701 − 130	07 04 06.23626303	−13 07 22.3176388	0.00014727	0.0035650	0.214	53561.9	53561.9	53561.9	1	20
ICRF J070409.5 + 470056	0700 + 470	07 04 09.55826700	47 00 56.0394062	0.00006267	0.0010125	−0.559	50306.3	50306.3	50306.3	1	51
ICRF J070544.5 + 395832	0702 + 400	07 05 44.52252195	39 58 32.0201059	0.00024124	0.0036433	−0.788	54112.8	54112.8	54112.8	1	6
ICRF J070700.6 + 611011	0702 + 612	07 07 00.61565096	61 10 11.6072909	0.00023423	0.0014107	0.777	49577.0	49577.0	49577.0	1	21
ICRF J070803.3 − 142115	0705 − 142	07 08 03.37552013	−14 21 15.8168431	0.00006258	0.0015377	0.003	52409.7	52409.7	52409.7	1	33
ICRF J070824.4 + 345542	0705 + 350	07 08 24.44768916	34 55 42.1184698	0.00023263	0.0071400	−0.896	54088.1	54088.1	54088.1	1	9
ICRF J070909.2 + 373753	0705 + 377	07 09 09.22252687	37 37 53.1816224	0.00003519	0.0006283	0.570	53573.0	53573.0	53573.0	1	73
ICRF J070945.0 − 025517	0707 − 028	07 09 45.05458616	−02 55 17.4967214	0.00002106	0.0006142	0.054	53560.8	53560.8	53560.8	1	72
ICRF J071043.6 − 385037	0709 − 387	07 10 43.63621684	−38 50 37.0399616	0.00014404	0.0044937	0.866	52368.5	52306.7	52409.7	2	25
ICRF J071044.3 + 422055	0707 + 424	07 10 44.32630447	42 20 55.0426718	0.00022693	0.0019386	−0.575	50242.8	50242.8	50242.8	1	20

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J071046.6 − 203323	0708 − 204	07 10 46.62254728	−20 33 23.9464267	0.00035044	0.0078076	0.177	53561.9	53561.9	53561.9	1	9
ICRF J071243.6 + 503322	0708 + 506	07 12 43.68355801	50 33 22.7069866	0.00002524	0.0003949	0.266	53560.8	53560.8	53560.8	1	90
ICRF J071312.8 + 505343	0709 + 509	07 13 12.89631977	50 53 43.8911276	0.00007864	0.0011995	−0.215	50306.3	50306.3	50306.3	1	49
ICRF J071355.6 + 193500	0710 + 196	07 13 55.67917253	19 35 00.4087352	0.00001286	0.0003463	−0.145	53128.5	53126.1	53306.8	2	74
ICRF J071436.1 + 740810	0708 + 742	07 14 36.12495636	74 08 10.1439854	0.00006126	0.0002808	0.232	54088.1	54088.1	54088.1	1	70
ICRF J071533.3 − 092154	0713 − 092	07 15 33.39355665	−09 21 54.2740456	0.00020739	0.0065058	0.343	53134.5	53134.5	53134.5	1	9
ICRF J071814.1 − 181304	0716 − 181	07 18 14.15806049	−18 13 04.0539618	0.00003361	0.0009497	0.467	53552.8	53552.8	53552.8	1	46
ICRF J071919.4 + 330709	0716 + 332	07 19 19.41966375	33 07 09.7086964	0.00002004	0.0004125	−0.047	53126.1	53126.1	53126.1	1	59
ICRF J072021.4 + 473744	0716 + 477	07 20 21.49775893	47 37 44.1248830	0.00003251	0.0005356	0.051	50306.3	50306.3	50306.3	1	65
ICRF J072102.4 + 154042	0718 + 157	07 21 02.41358332	15 40 42.9708353	0.00004553	0.0014161	−0.309	53561.9	53561.9	53561.9	1	46
ICRF J072123.9 + 040644	0718 + 042	07 21 23.91000307	04 06 44.2141572	0.00002676	0.0008096	0.135	49914.7	49914.7	49914.7	1	83
ICRF J072201.2 + 372228	0718 + 374	07 22 01.25965840	37 22 28.6336203	0.00003438	0.0005891	−0.308	50242.8	50242.8	50242.8	1	61
ICRF J072227.6 − 303804	0720 − 305	07 22 27.69669774	−30 38 04.5919555	0.00132420	0.0297287	0.881	52306.7	52306.7	52306.7	1	5
ICRF J072448.4 + 030825	0722 + 032	07 24 48.40892504	03 08 25.0898405	0.00005991	0.0020306	−0.141	49914.7	49914.7	49914.7	1	22
ICRF J072524.4 − 264032	0723 − 265	07 25 24.41314538	−26 40 32.6796406	0.00002170	0.0007580	−0.368	53539.5	53503.7	53573.0	2	114
ICRF J072550.1 − 190419	0723 − 189	07 25 50.16561199	−19 04 19.0731585	0.00003874	0.0013143	−0.694	53126.1	53126.1	53126.1	1	50
ICRF J072636.3 + 063642	0723 + 067	07 26 36.36410175	06 36 42.8519089	0.00004288	0.0012121	−0.061	53560.8	53560.8	53560.8	1	40
ICRF J072703.1 + 484410	0723 + 488	07 27 03.10058783	48 44 10.1268335	0.00002016	0.0003750	0.105	50306.3	50306.3	50306.3	1	78
ICRF J072810.8 + 674847	0723 + 679	07 28 10.89567408	67 48 47.0329002	0.00004514	0.0001910	−0.118	53523.9	53523.9	53523.9	1	88
ICRF J072829.7 − 223136	0726 − 224	07 28 29.79846539	−22 31 36.7154210	0.00029530	0.0113881	0.425	53134.5	53134.5	53134.5	1	5
ICRF J072849.6 + 570124	0724 + 571	07 28 49.63163894	57 01 24.3745156	0.00003320	0.0004905	0.084	49577.0	49577.0	49577.0	1	116
ICRF J072917.8 − 132002	0726 − 132	07 29 17.81770946	−13 20 02.2718039	0.00003226	0.0009160	0.005	53126.1	53126.1	53126.1	1	50
ICRF J072957.3 − 343919	0728 − 345	07 29 57.36530219	−34 39 19.5931667	0.00022000	0.0096037	0.640	52306.7	52306.7	52306.7	1	16
ICRF J073025.8 − 024124	0727 − 025	07 30 25.87760717	−02 41 24.9037751	0.00001367	0.0004385	0.048	50576.2	50576.2	50576.2	1	77
ICRF J073028.4 − 053546	0728 − 054	07 30 28.43648666	−05 35 46.9005945	0.00013881	0.0039431	0.082	54112.8	54112.8	54112.8	1	15
ICRF J073038.2 − 320820	0728 − 320	07 30 38.29831766	−32 08 20.1765594	0.00006855	0.0026355	0.130	52306.7	52306.7	52306.7	1	32
ICRF J073106.6 − 234147	0728 − 235	07 31 06.66798582	−23 41 47.8698541	0.00001772	0.0005491	−0.127	53134.5	53134.5	53134.5	1	51
ICRF J073131.5 − 222420	0729 − 222	07 31 31.50842471	−22 24 20.8656573	0.00004208	0.0012160	0.306	53126.1	53126.1	53126.1	1	47
ICRF J073158.9 + 143336	0729 + 146	07 31 58.99695505	14 33 36.4929567	0.00004642	0.0010131	−0.252	53561.9	53561.9	53561.9	1	43
ICRF J073222.7 + 015035	0729 + 019	07 32 22.78867123	01 50 35.3843170	0.00001301	0.0004068	0.218	53134.5	53134.5	53134.5	1	77
ICRF J073352.5 + 502209	0730 + 504	07 33 52.52056433	50 22 09.0622153	0.00001013	0.0001368	0.411	51762.9	49577.0	53573.0	6	434
ICRF J073357.4 + 045614	0731 + 050	07 33 57.45988102	04 56 14.4974974	0.00001953	0.0006581	−0.188	49914.7	49914.7	49914.7	1	91
ICRF J073502.3 + 475008	0731 + 479	07 35 02.31167937	47 50 08.4274368	0.00002168	0.0003418	0.185	50306.3	50306.3	50306.3	1	80
ICRF J073558.6 + 013003	0733 + 016	07 35 58.63465252	01 30 03.6387385	0.00016021	0.0020602	0.486	49914.7	49914.7	49914.7	1	33
ICRF J073613.6 + 295422	0733 + 300	07 36 13.66107711	29 54 22.1859314	0.00001990	0.0006129	−0.107	50219.8	50219.8	50219.8	1	55

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J073633.6 − 043311	0734 − 044	07 36 33.62711515	−04 33 11.8599376	0.00035653	0.0092465	−0.031	53560.8	53560.8	53560.8	1	5
ICRF J073658.0 + 260449	0733 + 261	07 36 58.07370619	26 04 49.9453270	0.00002250	0.0005525	0.066	50219.8	50219.8	50219.8	1	40
ICRF J073707.1 − 072038	0734 − 072	07 37 07.13302922	−07 20 38.0389507	0.00011726	0.0019669	0.281	53561.9	53561.9	53561.9	1	17
ICRF J073758.9 + 643043	0733 + 646	07 37 58.98065187	64 30 43.3443619	0.00044442	0.0019300	−0.246	49827.5	49827.5	49827.5	1	33
ICRF J073857.1 − 062658	0736 − 063	07 38 57.17553815	−06 26 58.0560695	0.00001710	0.0005053	0.095	50576.2	50576.2	50576.2	1	61
ICRF J073913.1 + 752747	0732 + 755	07 39 13.19537958	75 27 47.7108456	0.00103366	0.0040365	0.108	49827.5	49827.5	49827.5	1	15
ICRF J074014.7 − 244436	0738 − 246	07 40 14.71670478	−24 44 36.6825006	0.00003926	0.0012698	0.583	53126.1	53126.1	53126.1	1	57
ICRF J074033.5 + 285247	0737 + 289	07 40 33.54383837	28 52 47.2463866	0.00006661	0.0017438	−0.241	53573.0	53573.0	53573.0	1	37
ICRF J074053.3 + 671908	0735 + 674	07 40 53.39830722	67 19 08.2294299	0.00089095	0.0095735	0.867	49827.5	49827.5	49827.5	1	14
ICRF J074125.7 + 270645	0738 + 272	07 41 25.73282206	27 06 45.3917852	0.00002846	0.0006166	0.019	50219.8	50219.8	50219.8	1	44
ICRF J074155.6 − 264730	0739 − 266	07 41 55.68128112	−26 47 30.4934421	0.00007097	0.0035180	−0.169	53134.5	53134.5	53134.5	1	24
ICRF J074239.7 + 544424	0738 + 548	07 42 39.79067458	54 44 24.6669484	0.00004084	0.0005668	0.393	49577.0	49577.0	49577.0	1	114
ICRF J074242.0 − 382903	0740 − 383	07 42 42.00475476	−38 29 03.9205509	0.00050740	0.0188007	0.831	52747.8	52306.7	53552.8	3	12
ICRF J074305.1 + 171424	0740 + 173	07 43 05.10679893	17 14 24.4129741	0.00002958	0.0010777	−0.543	50133.0	50085.5	50156.3	2	146
ICRF J074309.8 + 394130	0739 + 398	07 43 09.88652408	39 41 30.7812149	0.00002019	0.0005044	−0.350	50242.8	50242.8	50242.8	1	90
ICRF J074344.8 − 380356	0741 − 379	07 43 44.82059410	−38 03 56.4133833	0.00017756	0.0085105	0.749	52910.4	52306.7	53523.9	3	38
ICRF J074344.9 + 232839	0740 + 235	07 43 44.97241117	23 28 39.0045288	0.00038328	0.0040326	0.490	50156.3	50156.3	50156.3	1	8
ICRF J074352.4 − 044020	0741 − 045	07 43 52.40663173	−04 40 20.5300131	0.00001958	0.0006145	−0.023	53503.7	53503.7	53503.7	1	75
ICRF J074541.6 + 314256	0742 + 318	07 45 41.67151573	31 42 56.6161382	0.00002475	0.0005925	−0.412	50219.8	50219.8	50219.8	1	40
ICRF J074559.3 + 331334	0742 + 333	07 45 59.32400985	33 13 34.1358514	0.00005249	0.0012278	0.217	53560.8	53560.8	53560.8	1	26
ICRF J074618.2 − 155534	0744 − 158	07 46 18.23602393	−15 55 34.7457835	0.00004667	0.0013076	−0.549	52306.7	52306.7	52306.7	1	35
ICRF J074714.6 + 763917	0740 + 767	07 47 14.60754429	76 39 17.2715352	0.00008840	0.0004095	0.443	49827.5	49827.5	49827.5	1	118
ICRF J074719.6 − 331046	0745 − 330	07 47 19.68319257	−33 10 46.9713367	0.00003795	0.0011860	0.688	52306.7	52306.7	52306.7	1	51
ICRF J074741.8 − 291902	0745 − 291	07 47 41.88962879	−29 19 02.0614884	0.00036922	0.0156805	0.066	53126.1	53126.1	53126.1	1	7
ICRF J074803.0 − 163950	0745 − 165	07 48 03.08382473	−16 39 50.2541059	0.00001781	0.0006271	−0.165	53552.8	53552.8	53552.8	1	82
ICRF J074848.6 − 165027	0746 − 167	07 48 48.67855360	−16 50 27.4013193	0.00003789	0.0011846	0.653	52409.7	52409.7	52409.7	1	56
ICRF J074922.4 + 742041	0743 + 744	07 49 22.45666933	74 20 41.5925884	0.00009555	0.0006904	0.484	49827.5	49827.5	49827.5	1	101
ICRF J074927.3 + 105733	0746 + 110	07 49 27.38561652	10 57 33.1279495	0.00167759	0.0313703	−0.958	54088.1	54088.1	54088.1	1	12
ICRF J075008.3 + 501506	0746 + 503	07 50 08.34282986	50 15 06.8111709	0.00011312	0.0009875	0.197	51041.6	49577.0	54112.8	3	50
ICRF J075043.2 + 790917	0742 + 792	07 50 43.26541805	79 09 17.0024655	0.00026649	0.0011092	0.523	52233.0	49827.5	54088.1	3	66
ICRF J075047.1 − 070604	0748 − 069	07 50 47.14842878	−07 06 04.0257853	0.00006769	0.0016148	−0.013	53503.7	53503.7	53503.7	1	37
ICRF J075057.7 + 824158	0740 + 828	07 50 57.75561436	82 41 58.0319160	0.00008599	0.0003146	0.065	50688.3	50688.3	50688.3	1	73
ICRF J075102.2 + 015215	0748 + 019	07 51 02.28149505	01 52 15.7622690	0.00015247	0.0024794	−0.274	53573.0	53573.0	53573.0	1	28
ICRF J075105.4 − 333135	0749 − 333	07 51 05.47042989	−33 31 35.9984205	0.00021022	0.0073083	0.677	52306.7	52306.7	52306.7	1	17
ICRF J075110.2 − 004651	0748 − 006	07 51 10.20501691	−00 46 51.0552009	0.00045772	0.0049032	0.082	54112.8	54112.8	54112.8	1	5

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J075145.9 + 684026	0746 + 688	07 51 45.98484005	68 40 26.8331133	0.00031575	0.0011687	0.549	53560.8	53560.8	53560.8	1	29
ICRF J075153.6 + 331319	0748 + 333	07 51 53.67323041	33 13 19.8183213	0.00001790	0.0004589	−0.049	50219.8	50219.8	50219.8	1	49
ICRF J075240.9 + 373024	0749 + 376	07 52 40.90786934	37 30 24.3122028	0.00003104	0.0006588	−0.461	50242.8	50242.8	50242.8	1	75
ICRF J075303.3 + 423130	0749 + 426	07 53 03.33747791	42 31 30.7656496	0.00002366	0.0004625	−0.181	50242.8	50242.8	50242.8	1	76
ICRF J075426.4 − 114716	0752 − 116	07 54 26.45641965	−11 47 16.9487452	0.00001025	0.0003363	0.080	53134.5	53134.5	53134.5	1	81
ICRF J075445.6 + 482350	0751 + 485	07 54 45.67046099	48 23 50.7483777	0.00003604	0.0005533	0.259	50306.3	50306.3	50306.3	1	78
ICRF J075650.6 − 154205	0754 − 155	07 56 50.69897361	−15 42 05.4364232	0.00001536	0.0004657	−0.261	53503.7	53503.7	53503.7	1	66
ICRF J075654.6 + 634759	0752 + 639	07 56 54.61043944	63 47 59.0365245	0.00006566	0.0009009	0.109	49827.5	49827.5	49827.5	1	92
ICRF J075659.5 + 515100	0753 + 519	07 56 59.54317263	51 51 00.2380782	0.00003383	0.0004751	0.042	53905.2	49577.0	54088.1	2	74
ICRF J075807.6 + 113646	0755 + 117	07 58 07.65763563	11 36 46.0506813	0.00089195	0.0053949	−0.281	49914.7	49914.7	49914.7	1	7
ICRF J080012.7 − 230250	0758 − 229	08 00 12.79086282	−23 02 50.5392012	0.00006316	0.0025446	−0.121	53523.9	53523.9	53523.9	1	32
ICRF J080024.2 − 395917	0758 − 398	08 00 24.26948794	−39 59 17.6027063	0.00017284	0.0090215	0.727	52977.5	52306.7	53552.8	4	43
ICRF J080108.2 + 440110	0757 + 441	08 01 08.27615986	44 01 10.1563423	0.00002751	0.0006016	0.063	53573.0	53573.0	53573.0	1	85
ICRF J080125.9 − 333619	0759 − 334	08 01 25.95236633	−33 36 19.8948959	0.00013423	0.0048962	0.681	52486.0	52306.7	53126.1	2	32
ICRF J080146.4 − 283106	0759 − 283	08 01 46.49399810	−28 31 06.8746466	0.00007720	0.0032723	0.074	53126.1	53126.1	53126.1	1	32
ICRF J080224.5 + 592134	0758 + 594	08 02 24.59270044	59 21 34.7951969	0.00012175	0.0013831	0.697	52903.2	49577.0	54112.8	2	30
ICRF J080241.5 + 250910	0759 + 252	08 02 41.58743622	25 09 10.8981080	0.00005176	0.0011373	0.640	50219.8	50219.8	50219.8	1	17
ICRF J080339.3 − 080521	0801 − 079	08 03 39.30688944	−08 05 21.3903472	0.00006523	0.0014797	0.139	53560.8	53560.8	53560.8	1	35
ICRF J080352.1 + 640314	0759 + 641	08 03 52.15965825	64 03 14.3684824	0.00065160	0.0058543	−0.825	49827.5	49827.5	49827.5	1	16
ICRF J080356.4 + 042102	0801 + 044	08 03 56.44437625	04 21 02.7413759	0.00007542	0.0028354	−0.590	49914.7	49914.7	49914.7	1	23
ICRF J080433.7 − 171204	0802 − 170	08 04 33.70137116	−17 12 04.2008220	0.00093635	0.0294107	0.944	53561.9	53561.9	53561.9	1	3
ICRF J080451.4 − 274911	0802 − 276	08 04 51.45121046	−27 49 11.3209165	0.00003120	0.0009120	0.026	50688.3	50688.3	50688.3	1	51
ICRF J080508.5 + 112157	0802 + 115	08 05 08.50569856	11 21 57.1893761	0.00010154	0.0026013	−0.790	53573.0	53573.0	53573.0	1	45
ICRF J080512.8 − 011113	0802 − 010	08 05 12.88847642	−01 11 13.7952946	0.00000901	0.0003043	−0.110	50576.2	50576.2	50576.2	1	90
ICRF J080538.5 + 210651	0802 + 212	08 05 38.53424806	21 06 51.5924358	0.00003481	0.0008817	−0.378	50132.7	50085.5	50156.3	2	108
ICRF J080612.7 − 265233	0804 − 267	08 06 12.72259399	−26 52 33.3087105	0.00001655	0.0005617	0.029	50660.8	50632.3	50688.3	2	114
ICRF J080624.9 − 172444	0804 − 172	08 06 24.96568681	−17 24 44.3354886	0.00011486	0.0028824	−0.147	53561.9	53561.9	53561.9	1	27
ICRF J080633.4 − 291134	0804 − 290	08 06 33.44528292	−29 11 34.9045236	0.00008170	0.0033649	0.237	53134.5	53134.5	53134.5	1	27
ICRF J080633.4 + 450432	0803 + 452	08 06 33.47247901	45 04 32.2718825	0.00003985	0.0005143	0.534	50306.3	50306.3	50306.3	1	61
ICRF J080644.7 − 351941	0804 − 351	08 06 44.76676957	−35 19 41.4646876	0.00071123	0.0225212	0.441	52365.6	52306.7	52409.7	2	7
ICRF J080701.0 + 511738	0803 + 514	08 07 01.01355758	51 17 38.6764008	0.00003700	0.0004942	0.503	49908.1	49577.0	50306.3	2	163
ICRF J080709.6 − 054113	0804 − 055	08 07 09.61759169	−05 41 13.9148539	0.00001771	0.0006486	−0.220	50576.2	50576.2	50576.2	1	75
ICRF J080735.9 − 120743	0805 − 119	08 07 35.99890905	−12 07 43.7145356	0.00004706	0.0015524	−0.083	50576.2	50576.2	50576.2	1	37
ICRF J080738.5 + 135217	0804 + 140	08 07 38.50487936	13 52 17.3616639	0.00001571	0.0005482	−0.142	53126.1	53126.1	53126.1	1	75
ICRF J080816.4 + 731511	0802 + 733	08 08 16.49149639	73 15 11.9902446	0.00011732	0.0008032	−0.072	49827.5	49827.5	49827.5	1	67

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J080836.7 + 264636	0805 + 269	08 08 36.76496080	26 46 36.7401207	0.00010200	0.0017499	−0.062	50219.8	50219.8	50219.8	1	11
ICRF J080949.1 + 521858	0806 + 524	08 09 49.18708670	52 18 58.2527460	0.00020037	0.0017067	0.523	53560.8	53560.8	53560.8	1	27
ICRF J081026.4 + 101040	0807 + 103	08 10 26.42396595	10 10 40.9958279	0.00053252	0.0064875	0.654	53561.9	53561.9	53561.9	1	3
ICRF J081058.9 + 413402	0807 + 417	08 10 58.99425799	41 34 02.8063576	0.00004522	0.0008368	−0.563	50242.8	50242.8	50242.8	1	62
ICRF J081100.6 + 571412	0806 + 573	08 11 00.60920093	57 14 12.4952016	0.00020536	0.0011088	0.401	49577.0	49577.0	49577.0	1	47
ICRF J081228.5 − 181042	0810 − 180	08 12 28.51594364	−18 10 42.8130119	0.00002107	0.0006850	0.319	50632.3	50632.3	50632.3	1	65
ICRF J081303.8 + 254211	0810 + 258	08 13 03.83407797	25 42 11.0320105	0.00002856	0.0006148	0.465	50219.8	50219.8	50219.8	1	21
ICRF J081347.1 + 243559	0810 + 247	08 13 47.13767566	24 35 59.1494556	0.00008828	0.0014371	−0.535	50132.0	50085.5	50156.3	2	67
ICRF J081407.9 − 180626	0811 − 179	08 14 07.90022359	−18 06 26.0427208	0.00149990	0.0341031	−0.732	53573.0	53573.0	53573.0	1	5
ICRF J081455.1 − 252143	0812 − 252	08 14 55.12998151	−25 21 43.9240171	0.00014292	0.0027406	0.299	50663.1	50632.3	50688.3	2	40
ICRF J081529.4 + 095440	0812 + 100	08 15 29.47330589	09 54 40.7035861	0.00037597	0.0063067	0.768	53134.5	53134.5	53134.5	1	5
ICRF J081640.4 − 242106	0814 − 241	08 16 40.41238216	−24 21 06.5708339	0.00002116	0.0006566	−0.288	53126.1	53126.1	53126.1	1	69
ICRF J081710.5 + 235223	0814 + 240	08 17 10.54773696	23 52 23.9520403	0.00007372	0.0010431	−0.250	53560.8	53560.8	53560.8	1	28
ICRF J081727.4 − 030737	0814 − 029	08 17 27.48604533	−03 07 37.3112793	0.00014815	0.0028884	0.609	50576.2	50576.2	50576.2	1	21
ICRF J081728.5 + 322702	0814 + 326	08 17 28.54229055	32 27 02.9261272	0.00005289	0.0009599	0.452	50219.8	50219.8	50219.8	1	20
ICRF J081741.0 + 553733	0813 + 557	08 17 41.01991398	55 37 33.2829715	0.00002393	0.0002207	0.164	53134.5	53134.5	53134.5	1	90
ICRF J081749.7 − 093330	0815 − 094	08 17 49.74954200	−09 33 30.5284649	0.00003389	0.0012253	−0.587	53561.9	53561.9	53561.9	1	50
ICRF J081758.8 − 293631	0815 − 294	08 17 58.85020972	−29 36 31.4217977	0.00003444	0.0011146	0.150	53503.7	53503.7	53503.7	1	50
ICRF J081856.2 + 051737	0816 + 054	08 18 56.23684771	05 17 37.2659373	0.00001221	0.0004098	−0.051	53126.1	53126.1	53126.1	1	88
ICRF J081902.3 + 322637	0815 + 326	08 19 02.32857841	32 26 37.2159710	0.00003340	0.0007196	0.435	50219.8	50219.8	50219.8	1	21
ICRF J081918.8 + 274730	0816 + 279	08 19 18.85573034	27 47 30.6897560	0.00004172	0.0013137	−0.301	53573.0	53573.0	53573.0	1	58
ICRF J081936.6 − 063048	0817 − 063	08 19 36.64750267	−06 30 48.1726528	0.00010554	0.0037760	0.239	53556.6	53523.9	54112.8	2	18
ICRF J082140.0 − 032312	0819 − 032	08 21 40.03745945	−03 23 12.5344359	0.00006814	0.0022938	−0.317	50576.2	50576.2	50576.2	1	19
ICRF J082257.5 + 404149	0819 + 408	08 22 57.55594418	40 41 49.7669575	0.00001604	0.0003658	0.074	50242.8	50242.8	50242.8	1	77
ICRF J082324.7 + 222303	0820 + 225	08 23 24.75915801	22 23 03.2876737	0.00003618	0.0010893	0.244	50133.8	50085.5	50156.3	2	88
ICRF J082341.1 + 292828	0820 + 296	08 23 41.13198910	29 28 28.1992066	0.00004368	0.0009304	0.097	50219.8	50219.8	50219.8	1	22
ICRF J082352.0 − 093925	0821 − 094	08 23 52.02334279	−09 39 25.9079348	0.00017218	0.0049296	−0.089	53552.8	53552.8	53552.8	1	14
ICRF J082404.0 − 182740	0821 − 182	08 24 04.06600764	−18 27 40.8385207	0.00002824	0.0009770	−0.089	53560.8	53560.8	53560.8	1	62
ICRF J082449.2 − 242852	0822 − 243	08 24 49.26025300	−24 28 52.5517375	0.00014117	0.0056319	0.063	53561.9	53561.9	53561.9	1	22
ICRF J082451.6 − 152745	0822 − 152	08 24 51.62140904	−15 27 45.9153739	0.00312117	0.0186440	0.626	54088.1	54088.1	54088.1	1	8
ICRF J082504.7 + 083111	0822 + 086	08 25 04.77656233	08 31 11.0892260	0.00014356	0.0025634	−0.675	53573.0	53573.0	53573.0	1	29
ICRF J082551.3 − 321823	0823 − 321	08 25 51.37262026	−32 18 23.2343985	0.00006476	0.0021139	−0.085	53153.2	53153.2	53153.2	1	24
ICRF J082738.5 + 352505	0824 + 355	08 27 38.58823303	35 25 05.0771894	0.00001370	0.0002882	−0.174	50242.8	50242.8	50242.8	1	77
ICRF J082753.6 + 521758	0824 + 524	08 27 53.69809834	52 17 58.2959128	0.00023050	0.0014974	0.033	49577.0	49577.0	49577.0	1	34
ICRF J082904.8 + 175415	0826 + 180	08 29 04.82910684	17 54 15.8571667	0.00742467	0.1442532	−0.998	54088.1	54088.1	54088.1	1	4

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J083216.0 + 183212	0829 + 187	08 32 16.04024901	18 32 12.1337700	0.00004133	0.0010774	−0.111	50123.9	50085.5	50156.3	2	96
ICRF J083238.4 + 104019	0829 + 108	08 32 38.47715313	10 40 19.6552253	0.00006784	0.0019885	−0.402	49914.7	49914.7	49914.7	1	39
ICRF J083249.3 + 155408	0830 + 160	08 32 49.39706099	15 54 08.6226885	0.00002763	0.0007595	−0.180	53560.8	53560.8	53560.8	1	58
ICRF J083314.3 + 112336	0830 + 115	08 33 14.36667401	11 23 36.2356947	0.00003059	0.0008321	0.375	49914.7	49914.7	49914.7	1	95
ICRF J083318.9 + 035032	0830 + 040	08 33 18.91302164	03 50 32.3512138	0.00003701	0.0012405	−0.172	49914.7	49914.7	49914.7	1	45
ICRF J083353.8 + 422401	0830 + 425	08 33 53.88537352	42 24 01.8503665	0.00002813	0.0004969	0.071	50242.8	50242.8	50242.8	1	66
ICRF J083417.5 + 601947	0830 + 605	08 34 17.54593422	60 19 47.0664913	0.00009374	0.0011944	0.386	49577.0	49577.0	49577.0	1	55
ICRF J083520.6 − 451035	0833 − 450	08 35 20.65500780	−45 10 35.1547903	0.00173892	0.0113591	−0.408	48132.8	48043.8	48162.4	2	4
ICRF J083616.2 + 213903	0833 + 218	08 36 16.21689918	21 39 03.5784228	0.00014551	0.0024590	−0.839	54088.1	54088.1	54088.1	1	27
ICRF J083622.8 + 272852	0833 + 276	08 36 22.88866154	27 28 52.5336417	0.00001698	0.0004162	0.064	50219.8	50219.8	50219.8	1	59
ICRF J083636.8 + 412554	0833 + 416	08 36 36.89265636	41 25 54.7121693	0.00002428	0.0006518	−0.068	50242.8	50242.8	50242.8	1	57
ICRF J083650.7 − 223310	0834 − 223	08 36 50.76879288	−22 33 10.0897746	0.00010336	0.0024825	−0.105	50652.1	50632.3	50688.3	2	48
ICRF J083949.1 + 031953	0837 + 035	08 39 49.19581660	03 19 53.8587694	0.00002121	0.0005760	−0.282	49914.7	49914.7	49914.7	1	108
ICRF J083949.6 + 010426	0837 + 012	08 39 49.61100079	01 04 26.7364685	0.00001760	0.0005521	0.038	49914.7	49914.7	49914.7	1	127
ICRF J083956.5 + 422755	0836 + 426	08 39 56.56134841	42 27 55.8153800	0.00002604	0.0005267	0.077	50242.8	50242.8	50242.8	1	77
ICRF J084132.6 − 313635	0839 − 314	08 41 32.60251974	−31 36 35.6901884	0.00012923	0.0041139	0.711	53153.2	53153.2	53153.2	1	19
ICRF J084307.0 + 453742	0839 + 458	08 43 07.09424901	45 37 42.8974945	0.00052734	0.0109459	0.315	50306.3	50306.3	50306.3	1	8
ICRF J084331.6 + 421529	0840 + 424	08 43 31.63741909	42 15 29.5250537	0.00017561	0.0031168	0.201	50242.8	50242.8	50242.8	1	14
ICRF J084349.1 + 683317	0839 + 687	08 43 49.10150993	68 33 17.1548626	0.00005885	0.0004724	0.094	53488.9	49827.5	54088.1	2	64
ICRF J084429.0 + 383055	0841 + 386	08 44 29.09781690	38 30 55.7099936	0.00002055	0.0005036	−0.191	50242.8	50242.8	50242.8	1	79
ICRF J084452.3 − 374209	0842 − 375	08 44 52.32109636	−37 42 09.3824020	0.00027160	0.0134005	0.791	52363.9	52306.7	52409.7	2	18
ICRF J084517.1 + 043947	0842 + 048	08 45 17.14370708	04 39 47.3544646	0.00022596	0.0026818	0.544	49914.7	49914.7	49914.7	1	26
ICRF J084542.4 − 371854	0843 − 371	08 45 42.49627449	−37 18 54.9968403	0.00055422	0.0203783	0.276	52409.7	52409.7	52409.7	1	3
ICRF J084600.7 − 261054	0843 − 259	08 46 00.73387471	−26 10 54.1571916	0.00022619	0.0049679	−0.129	50659.2	50632.3	50688.3	2	25
ICRF J084610.8 − 342433	0844 − 342	08 46 10.89376793	−34 24 33.5821861	0.00022453	0.0080104	0.802	52306.7	52306.7	52306.7	1	21
ICRF J084656.6 − 260750	0844 − 259	08 46 56.61658631	−26 07 50.6601136	0.00012965	0.0041342	0.734	53503.7	53503.7	53503.7	1	28
ICRF J084711.1 − 175450	0844 − 177	08 47 11.17009946	−17 54 50.1370418	0.00012119	0.0031374	0.494	53535.1	53523.9	53560.8	2	23
ICRF J084715.1 + 383110	0844 + 387	08 47 15.16916655	38 31 09.9844293	0.00009873	0.0011657	−0.099	53361.6	51449.7	53552.8	2	22
ICRF J084728.0 + 572338	0843 + 575	08 47 28.06032753	57 23 38.3348763	0.00118692	0.0096124	0.867	49577.0	49577.0	49577.0	1	17
ICRF J084734.2 + 460928	0844 + 463	08 47 34.29851717	46 09 28.0054724	0.00002038	0.0003600	0.262	50306.3	50306.3	50306.3	1	68
ICRF J084756.7 − 070316	0845 − 068	08 47 56.73724037	−07 03 16.9025641	0.00001789	0.0006196	−0.436	53503.7	53503.7	53503.7	1	80
ICRF J084758.7 − 052033	0845 − 051	08 47 58.72491427	−05 20 33.9003908	0.00001273	0.0004025	0.166	53134.5	53134.5	53134.5	1	81
ICRF J084945.6 − 354101	0847 − 354	08 49 45.62346981	−35 41 01.2786452	0.00002237	0.0006834	0.166	52359.1	52306.7	52409.7	2	55
ICRF J084957.9 + 510829	0846 + 513	08 49 57.97682961	51 08 29.0234509	0.00002690	0.0003858	0.267	53561.9	53561.9	53561.9	1	86
ICRF J085024.7 + 374709	0847 + 379	08 50 24.72978591	37 47 09.4777059	0.00002037	0.0004781	−0.170	50242.8	50242.8	50242.8	1	73

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J085128.4 + 084515	0848 + 089	08 51 28.42549857	08 45 15.3120175	0.00038231	0.0051191	0.357	49914.7	49914.7	49914.7	1	6
ICRF J085205.1 + 283359	0849 + 287	08 52 05.16957689	28 33 59.7313635	0.00002382	0.0006016	−0.080	53126.1	53126.1	53126.1	1	76
ICRF J085230.8 − 152808	0850 − 152	08 52 30.84722033	−15 28 08.4757744	0.00006400	0.0017396	−0.196	53573.0	53573.0	53573.0	1	33
ICRF J085348.1 + 065447	0851 + 071	08 53 48.19001414	06 54 47.2363248	0.00005786	0.0014707	0.531	49914.7	49914.7	49914.7	1	54
ICRF J085432.1 − 254020	0852 − 254	08 54 32.17979747	−25 40 20.8382166	0.00006189	0.0023405	−0.031	53523.9	53523.9	53523.9	1	42
ICRF J085435.0 + 072024	0851 + 075	08 54 35.03640333	07 20 24.1246377	0.00002545	0.0006948	−0.013	53560.8	53560.8	53560.8	1	59
ICRF J085448.5 + 803422	0847 + 807	08 54 48.59874042	80 34 22.3819892	0.00010517	0.0005268	0.280	54088.1	54088.1	54088.1	1	51
ICRF J085450.5 + 621850	0850 + 625	08 54 50.57627953	62 18 50.1906492	0.00017092	0.0014421	−0.087	49827.5	49827.5	49827.5	1	47
ICRF J085654.8 + 714623	0851 + 719	08 56 54.86893438	71 46 23.9026036	0.00107171	0.0023952	−0.387	53561.9	53561.9	53561.9	1	11
ICRF J085805.3 − 195036	0855 − 196	08 58 05.36323202	−19 50 36.9350854	0.00000954	0.0003370	0.070	50659.0	50632.3	50688.3	2	151
ICRF J085841.6 + 140540	0855 + 142	08 58 41.60035619	14 05 40.3715986	0.00007252	0.0029391	−0.407	53523.9	53523.9	53523.9	1	10
ICRF J085920.8 − 330924	0857 − 329	08 59 20.81256232	−33 09 24.7272468	0.00247472	0.0547391	0.927	52306.7	52306.7	52306.7	1	3
ICRF J090021.4 + 410822	0857 + 413	09 00 21.43384487	41 08 22.9890745	0.00002861	0.0007033	−0.071	53573.0	53573.0	53573.0	1	83
ICRF J090039.7 − 124232	0858 − 125	09 00 39.76562966	−12 42 32.6252079	0.00021380	0.0060648	−0.194	53560.8	53560.8	53560.8	1	11
ICRF J090040.0 − 280820	0858 − 279	09 00 40.03880136	−28 08 20.3464696	0.00003380	0.0009749	−0.042	50891.2	50688.3	54643.7	2	39
ICRF J090044.2 − 313128	0858 − 313	09 00 44.29429820	−31 31 28.5777492	0.00048967	0.0187260	0.924	52306.7	52306.7	52306.7	1	5
ICRF J090111.8 + 044858	0858 + 050	09 01 11.86429506	04 48 58.8341875	0.00001998	0.0006124	−0.358	53561.9	53561.9	53561.9	1	81
ICRF J090219.2 + 540257	0858 + 542	09 02 19.28741323	54 02 57.2540888	0.00009717	0.0012452	0.310	53573.0	53573.0	53573.0	1	45
ICRF J090230.9 + 431014	0859 + 433	09 02 30.91996730	43 10 14.1657057	0.00001790	0.0003759	−0.124	50242.8	50242.8	50242.8	1	80
ICRF J090300.0 − 172105	0900 − 171	09 03 00.01977880	−17 21 05.2320881	0.00002692	0.0008808	−0.433	53560.8	53560.8	53560.8	1	58
ICRF J090337.9 − 311739	0901 − 310	09 03 37.93480235	−31 17 39.1303065	0.00012985	0.0055468	0.480	53046.4	52409.7	53523.9	2	35
ICRF J090358.5 + 515100	0900 + 520	09 03 58.57442767	51 51 00.6617784	0.00024227	0.0023483	0.568	49577.0	49577.0	49577.0	1	27
ICRF J090415.6 + 423804	0900 + 428	09 04 15.62848948	42 38 04.7646282	0.00002616	0.0004888	−0.273	50242.8	50242.8	50242.8	1	76
ICRF J090420.5 − 311125	0902 − 309	09 04 20.51592103	−31 11 25.6788554	0.00026844	0.0145220	0.665	52409.7	52409.7	52409.7	1	5
ICRF J090452.1 − 255251	0902 − 256	09 04 52.18604273	−25 52 51.7559604	0.00003434	0.0008864	0.039	50660.7	50632.3	50688.3	2	71
ICRF J090527.4 + 485049	0902 + 490	09 05 27.46389144	48 50 49.9650405	0.00001700	0.0003025	0.098	50306.3	50306.3	50306.3	1	79
ICRF J090541.7 + 284928	0902 + 290	09 05 41.76987067	28 49 28.3015448	0.00005468	0.0008537	0.516	50219.8	50219.8	50219.8	1	39
ICRF J090615.5 + 463619	0902 + 468	09 06 15.53964568	46 36 19.0254139	0.00011248	0.0021007	−0.398	50306.3	50306.3	50306.3	1	31
ICRF J090651.3 − 201954	0904 − 201	09 06 51.30534350	−20 19 54.8044343	0.00001281	0.0004253	−0.076	53552.8	53552.8	53552.8	1	79
ICRF J090752.9 + 681544	0903 + 684	09 07 52.94639184	68 15 44.9204805	0.00020072	0.0012047	0.336	49827.5	49827.5	49827.5	1	51
ICRF J090754.0 − 202649	0905 − 202	09 07 54.04048448	−20 26 49.4752557	0.00002356	0.0009575	−0.571	53503.7	53503.7	53503.7	1	63
ICRF J090835.8 + 415046	0905 + 420	09 08 35.86339671	41 50 46.2053512	0.00135876	0.0229253	0.944	54112.8	54112.8	54112.8	1	3
ICRF J090855.9 + 160954	0906 + 163	09 08 55.92534855	16 09 54.7639408	0.00005558	0.0020987	−0.751	50109.9	50085.5	50156.3	2	61
ICRF J090912.1 + 083541	0906 + 087	09 09 12.15750189	08 35 41.0991674	0.00003054	0.0007553	−0.423	53538.0	53523.9	53561.9	2	81
ICRF J090933.4 + 425346	0906 + 430	09 09 33.49711097	42 53 46.4818256	0.00001484	0.0002197	0.264	53134.5	53134.5	53134.5	1	89

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J090944.9 − 023130	0907 − 023	09 09 44.92413443	−02 31 30.3567190	0.00014378	0.0037201	0.518	53560.8	53560.8	53560.8	1	19
ICRF J090945.2 − 180833	0907 − 179	09 09 45.25921493	−18 08 33.9474497	0.00013279	0.0050789	−0.712	53561.9	53561.9	53561.9	1	21
ICRF J091051.0 − 052629	0908 − 052	09 10 51.00210607	−05 26 29.2003927	0.00070097	0.0114907	−0.157	53153.2	53153.2	53153.2	1	5
ICRF J091133.4 + 195814	0908 + 201	09 11 33.45962355	19 58 14.0903451	0.00024258	0.0028564	−0.285	50140.9	50085.5	50156.3	2	23
ICRF J091147.7 + 334916	0908 + 340	09 11 47.76148375	33 49 16.7941569	0.00004962	0.0017331	0.408	50219.8	50219.8	50219.8	1	25
ICRF J091224.7 + 220506	0909 + 222	09 12 24.78462663	22 05 06.2481863	0.00002923	0.0005989	−0.211	53126.1	53126.1	53126.1	1	47
ICRF J091231.5 − 275217	0910 − 276	09 12 31.58684102	−27 52 17.2272060	0.00058598	0.0120088	0.382	53560.8	53560.8	53560.8	1	7
ICRF J091251.1 + 442204	0909 + 445	09 12 51.12910643	44 22 04.6453858	0.00162182	0.0127006	−0.623	53573.0	53573.0	53573.0	1	7
ICRF J091353.3 + 440257	0910 + 442	09 13 53.36564638	44 02 57.2008231	0.00015213	0.0026854	−0.740	54088.1	54088.1	54088.1	1	16
ICRF J091439.4 + 351204	0911 + 354	09 14 39.42354458	35 12 04.5912071	0.00003573	0.0007367	0.235	50242.8	50242.8	50242.8	1	67
ICRF J091537.6 − 042916	0913 − 042	09 15 37.67769324	−04 29 16.2970496	0.00018012	0.0025371	0.285	53554.9	53552.8	53573.0	2	19
ICRF J091551.6 + 000713	0913 + 003	09 15 51.69512944	00 07 13.3108109	0.00006769	0.0018327	−0.367	54112.8	54112.8	54112.8	1	21
ICRF J091648.9 + 385428	0913 + 391	09 16 48.90457395	38 54 28.1463066	0.00001599	0.0003293	−0.001	50242.8	50242.8	50242.8	1	81
ICRF J091727.0 − 213134	0915 − 213	09 17 27.01632482	−21 31 34.4621473	0.00001433	0.0005304	−0.209	50660.1	50632.3	50688.3	2	139
ICRF J091739.0 − 134542	0915 − 135	09 17 39.00068531	−13 45 42.2375988	0.00001987	0.0007009	−0.563	53530.1	53503.7	53560.8	2	132
ICRF J091901.9 − 073905	0916 − 074	09 19 01.96268275	−07 39 05.1096809	0.00007505	0.0021385	0.029	53153.2	53153.2	53153.2	1	30
ICRF J091908.7 + 332441	0916 + 336	09 19 08.78711973	33 24 41.9429830	0.00002385	0.0006120	0.221	50219.8	50219.8	50219.8	1	56
ICRF J091952.5 + 782526	0913 + 786	09 19 52.55971830	78 25 26.5583567	0.00022033	0.0009055	0.735	50525.1	49827.5	50688.3	2	58
ICRF J092026.2 − 363147	0918 − 363	09 20 26.20114623	−36 31 47.5153746	0.00005320	0.0017348	−0.589	52356.8	52306.7	52409.7	2	37
ICRF J092123.9 + 713612	0916 + 718	09 21 23.94514038	71 36 12.4015541	0.00008877	0.0004675	−0.261	53126.1	53126.1	53126.1	1	62
ICRF J092223.6 − 052907	0919 − 052	09 22 23.67288377	−05 29 07.1842964	0.00001906	0.0006420	−0.361	53523.9	53523.9	53523.9	1	79
ICRF J092331.3 + 412527	0920 + 416	09 23 31.30495969	41 25 27.4392438	0.00001632	0.0003411	−0.076	50242.8	50242.8	50242.8	1	88
ICRF J092338.8 − 213547	0921 − 213	09 23 38.88518518	−21 35 47.1276575	0.00002791	0.0008219	0.206	50654.8	50632.3	50688.3	2	87
ICRF J092347.9 + 310754	0920 + 313	09 23 47.94865748	31 07 54.1430738	0.00011530	0.0017421	−0.564	53561.9	53561.9	53561.9	1	20
ICRF J092351.5 + 281525	0920 + 284	09 23 51.52341520	28 15 25.0221887	0.00002884	0.0006373	0.183	50219.8	50219.8	50219.8	1	46
ICRF J092444.9 + 451157	0921 + 454	09 24 44.99425694	45 11 57.9158132	0.00021669	0.0017214	−0.274	53573.0	53573.0	53573.0	1	33
ICRF J092507.8 + 001913	0922 + 005	09 25 07.81502656	00 19 13.9340736	0.00002246	0.0007734	0.240	49914.7	49914.7	49914.7	1	89
ICRF J092511.9 − 202735	0922 − 202	09 25 11.94736631	−20 27 35.6100692	0.00012620	0.0038983	0.258	52409.7	52409.7	52409.7	1	24
ICRF J092543.6 + 312710	0922 + 316	09 25 43.65026553	31 27 10.8040720	0.00009184	0.0022390	0.245	50219.8	50219.8	50219.8	1	20
ICRF J092549.9 + 165812	0923 + 171	09 25 49.96445316	16 58 12.2034038	0.00014763	0.0036010	−0.182	53560.8	53560.8	53560.8	1	6
ICRF J092551.8 + 361235	0922 + 364	09 25 51.85138556	36 12 35.6749628	0.00002203	0.0004068	−0.023	53561.9	53561.9	53561.9	1	59
ICRF J092600.4 + 402949	0922 + 407	09 26 00.42685115	40 29 49.6726269	0.00001220	0.0002804	−0.089	50242.8	50242.8	50242.8	1	90
ICRF J092706.0 + 571745	0923 + 575	09 27 06.05342523	57 17 45.3423274	0.00011691	0.0012513	0.067	53134.5	53134.5	53134.5	1	27
ICRF J092824.1 + 444604	0925 + 449	09 28 24.13710382	44 46 04.7993904	0.00003688	0.0005802	0.262	50306.3	50306.3	50306.3	1	72
ICRF J092833.4 − 040908	0926 − 039	09 28 33.46942328	−04 09 08.8483800	0.00005155	0.0021026	−0.679	53126.1	53126.1	53126.1	1	37

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J092833.9 − 304943	0926 − 306	09 28 33.98818980	−30 49 43.9975770	0.00015161	0.0048557	0.718	52306.7	52306.7	52306.7	1	27
ICRF J092902.2 − 182045	0926 − 181	09 29 02.26149122	−18 20 45.7601088	0.00005337	0.0024570	−0.301	54088.1	54088.1	54088.1	1	33
ICRF J092943.0 + 861221	0916 + 864	09 29 43.05599511	86 12 21.2773543	0.00250571	0.0054549	−0.061	50688.3	50688.3	50688.3	1	8
ICRF J092957.5 − 380148	0927 − 378	09 29 57.50799817	−38 01 48.1684617	0.00003344	0.0008684	0.614	52363.6	52306.7	52409.7	2	38
ICRF J093053.7 + 742005	0925 + 745	09 30 53.78263734	74 20 05.9108411	0.00038711	0.0016926	−0.344	49827.5	49827.5	49827.5	1	33
ICRF J093055.2 + 350337	0927 + 352	09 30 55.27909120	35 03 37.6081619	0.00001181	0.0002778	−0.085	50242.8	50242.8	50242.8	1	81
ICRF J093102.7 − 101325	0928 − 100	09 31 02.71232732	−10 13 25.0243180	0.00015262	0.0050858	0.651	53561.9	53561.9	53561.9	1	4
ICRF J093105.3 + 141416	0928 + 144	09 31 05.34244527	14 14 16.5189730	0.00002857	0.0008925	−0.540	50129.6	50085.5	50156.3	2	138
ICRF J093151.7 + 275050	0928 + 280	09 31 51.78273674	27 50 50.6104341	0.00133062	0.0129599	−0.010	54112.8	54112.8	54112.8	1	3
ICRF J093219.5 − 201637	0930 − 200	09 32 19.58644832	−20 16 37.2060630	0.00011075	0.0035447	−0.073	53561.9	53561.9	53561.9	1	26
ICRF J093236.4 − 340558	0930 − 338	09 32 36.49494786	−34 05 58.4915288	0.00017237	0.0092174	−0.449	53126.1	53126.1	53126.1	1	17
ICRF J093241.1 + 530633	0929 + 533	09 32 41.15082292	53 06 33.8004351	0.00003903	0.0005724	−0.089	49577.0	49577.0	49577.0	1	107
ICRF J093254.5 + 650741	0928 + 653	09 32 54.57749500	65 07 41.2958086	0.00010203	0.0011401	−0.394	53560.8	53560.8	53560.8	1	33
ICRF J093317.0 − 081910	0930 − 080	09 33 17.09537860	−08 19 10.8506986	0.00002376	0.0008850	−0.218	53560.8	53560.8	53560.8	1	63
ICRF J093334.4 − 113925	0931 − 114	09 33 34.45353701	−11 39 25.4767296	0.00002500	0.0007929	−0.429	50576.2	50576.2	50576.2	1	67
ICRF J093406.6 + 392632	0930 + 396	09 34 06.67004438	39 26 32.1345428	0.00009994	0.0021880	0.404	53561.9	53561.9	53561.9	1	17
ICRF J093415.7 + 490821	0930 + 493	09 34 15.76228124	49 08 21.7306153	0.00004129	0.0005557	0.496	50306.3	50306.3	50306.3	1	68
ICRF J093501.0 + 071918	0932 + 075	09 35 01.07564781	07 19 18.5954208	0.00027816	0.0075177	0.702	49914.7	49914.7	49914.7	1	8
ICRF J093509.2 − 333237	0933 − 333	09 35 09.22981938	−33 32 37.7080875	0.00008333	0.0038680	0.400	52409.7	52409.7	52409.7	1	35
ICRF J093513.6 + 091507	0932 + 094	09 35 13.64139456	09 15 07.8324618	0.00004415	0.0012235	−0.233	49914.7	49914.7	49914.7	1	44
ICRF J093515.6 − 193908	0932 − 194	09 35 15.61536793	−19 39 08.7690199	0.00057721	0.0126844	−0.815	53560.8	53560.8	53560.8	1	7
ICRF J093529.2 + 192935	0932 + 197	09 35 29.21937480	19 29 35.0684859	0.00014587	0.0056226	−0.884	53573.0	53573.0	53573.0	1	30
ICRF J093531.8 + 363317	0932 + 367	09 35 31.83994456	36 33 17.5671502	0.00003576	0.0006832	0.151	53134.5	53134.5	53134.5	1	34
ICRF J093712.3 + 500852	0933 + 503	09 37 12.32735576	50 08 52.0972911	0.00002054	0.0003460	−0.371	50171.0	49577.0	50306.3	2	97
ICRF J093856.1 − 070800	0936 − 069	09 38 56.10425579	−07 08 00.6175626	0.00002220	0.0006135	−0.061	53573.0	53573.0	53573.0	1	73
ICRF J093919.1 − 173135	0936 − 172	09 39 19.19512006	−17 31 35.7785426	0.00012338	0.0039878	−0.411	53153.2	53153.2	53153.2	1	22
ICRF J093949.6 + 414154	0936 + 419	09 39 49.61583517	41 41 54.1912693	0.00002173	0.0004655	−0.217	50242.8	50242.8	50242.8	1	81
ICRF J094102.5 − 133550	0938 − 133	09 41 02.54946575	−13 35 50.9844136	0.00001544	0.0005011	−0.256	53560.8	53560.8	53560.8	1	89
ICRF J094148.1 + 272838	0938 + 277	09 41 48.11603221	27 28 38.8159430	0.00003178	0.0006522	−0.134	53126.1	53126.1	53126.1	1	58
ICRF J094221.4 − 075953	0939 − 077	09 42 21.46141702	−07 59 53.2045392	0.00002201	0.0007915	−0.550	53503.7	53503.7	53503.7	1	60
ICRF J094317.2 + 170218	0940 + 172	09 43 17.22396002	17 02 18.9630743	0.00004513	0.0015743	−0.607	50115.7	50085.5	50156.3	2	75
ICRF J094319.1 + 361452	0940 + 364	09 43 19.15347606	36 14 52.0728921	0.00002798	0.0006132	−0.037	53561.9	53561.9	53561.9	1	60
ICRF J094336.9 − 081930	0941 − 080	09 43 36.94438939	−08 19 30.8134537	0.00024481	0.0051965	−0.294	50576.2	50576.2	50576.2	1	14
ICRF J094348.0 + 202809	0941 + 206	09 43 48.09847388	20 28 09.9585293	0.00016472	0.0053983	−0.828	54088.1	54088.1	54088.1	1	16
ICRF J094452.1 + 520234	0941 + 522	09 44 52.15527733	52 02 34.2164787	0.00004298	0.0007431	−0.349	49577.0	49577.0	49577.0	1	96

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J094542.0 + 463650	0942 + 468	09 45 42.09267445	46 36 50.5962342	0.00005104	0.0006948	0.125	50306.3	50306.3	50306.3	1	50
ICRF J094544.0 − 015303	0943 − 016	09 45 44.03729509	−01 53 03.9552975	0.00002979	0.0010879	0.008	53552.8	53552.8	53552.8	1	50
ICRF J094616.0 + 502009	0942 + 505	09 46 16.04499778	50 20 09.3473875	0.00005696	0.0011485	−0.039	53560.8	53560.8	53560.8	1	40
ICRF J094650.2 − 202044	0944 − 201	09 46 50.21161438	−20 20 44.4608862	0.00038112	0.0078093	0.154	53153.2	53153.2	53153.2	1	8
ICRF J094704.8 + 590741	0943 + 593	09 47 04.86492080	59 07 41.4758605	0.00006206	0.0009195	−0.490	53561.9	53561.9	53561.9	1	49
ICRF J094809.5 − 322347	0945 − 321	09 48 09.51254362	−32 23 47.4407334	0.00007621	0.0021632	0.115	52306.7	52306.7	52306.7	1	29
ICRF J094811.5 − 290144	0945 − 287	09 48 11.54416081	−29 01 44.1675163	0.00094553	0.0211017	0.740	53503.7	53503.7	53503.7	1	4
ICRF J095003.4 + 061503	0947 + 064	09 50 03.46749647	06 15 03.8169818	0.00004987	0.0015982	−0.201	53134.5	53134.5	53134.5	1	32
ICRF J095227.3 + 504850	0949 + 510	09 52 27.30875148	50 48 50.6413808	0.00187199	0.0170732	−0.699	53573.0	53573.0	53573.0	1	3
ICRF J095359.2 + 172056	0951 + 175	09 53 59.23094565	17 20 56.6435478	0.00051466	0.0115193	0.390	53560.8	53560.8	53560.8	1	6
ICRF J095447.4 + 743557	0950 + 748	09 54 47.44220566	74 35 57.1455051	0.00049414	0.0014035	0.152	49827.5	49827.5	49827.5	1	36
ICRF J095505.0 + 483819	0951 + 488	09 55 05.00115998	48 38 19.0425233	0.00009268	0.0010094	−0.062	53561.9	53561.9	53561.9	1	36
ICRF J095718.1 − 135001	0954 − 135	09 57 18.18305171	−13 50 01.1763934	0.00001627	0.0005391	−0.288	53546.3	53523.9	53573.0	2	149
ICRF J095830.8 − 361240	0956 − 359	09 58 30.89334594	−36 12 40.8033013	0.00029640	0.0125398	0.698	53523.9	53523.9	53523.9	1	21
ICRF J095837.8 + 503957	0955 + 509	09 58 37.80943784	50 39 57.4831769	0.00002143	0.0003399	−0.236	51921.2	49577.0	54112.8	3	134
ICRF J095838.2 − 411033	0956 − 409	09 58 38.29608310	−41 10 33.1768759	0.00016346	0.0060706	0.788	52355.8	52306.7	52409.7	2	21
ICRF J095957.6 − 082826	0957 − 082	09 59 57.64770851	−08 28 26.0489206	0.00009847	0.0049587	−0.637	54088.1	54088.1	54088.1	1	23
ICRF J100040.8 − 313952	0958 − 314	10 00 40.83676572	−31 39 52.3597997	0.00013718	0.0073287	−0.247	53134.5	53134.5	53134.5	1	18
ICRF J100110.2 + 291137	0958 + 294	10 01 10.20562992	29 11 37.5364191	0.00001805	0.0004340	0.237	50219.8	50219.8	50219.8	1	47
ICRF J100157.7 + 101549	0959 + 105	10 01 57.73495486	10 15 49.7045693	0.00005477	0.0027664	−0.360	49914.7	49914.7	49914.7	1	26
ICRF J100230.5 + 123209	0959 + 127	10 02 30.53667520	12 32 09.5506330	0.00041909	0.0105827	0.786	53560.8	53560.8	53560.8	1	3
ICRF J100252.8 + 121614	1000 + 125	10 02 52.84518360	12 16 14.5882669	0.00050911	0.0052916	0.698	49914.7	49914.7	49914.7	1	6
ICRF J100357.5 + 324403	1001 + 329	10 03 57.56465463	32 44 03.5422568	0.00006268	0.0012849	0.520	50219.8	50219.8	50219.8	1	31
ICRF J100704.3 − 020710	1004 − 018	10 07 04.34994042	−02 07 10.9186074	0.00001562	0.0004975	−0.013	50576.2	50576.2	50576.2	1	89
ICRF J100715.2 − 124745	1004 − 125	10 07 15.22772837	−12 47 45.9955393	0.00002548	0.0009772	−0.350	53503.7	53503.7	53503.7	1	55
ICRF J100731.3 − 333306	1005 − 333	10 07 31.38742477	−33 33 06.7160702	0.00003956	0.0012957	−0.102	53126.1	53126.1	53126.1	1	28
ICRF J100800.8 + 062121	1005 + 066	10 08 00.81615886	06 21 21.2159686	0.00001457	0.0004812	−0.400	49914.7	49914.7	49914.7	1	115
ICRF J100843.8 − 093323	1006 − 093	10 08 43.86533457	−09 33 23.3591191	0.00003096	0.0010539	−0.034	50576.2	50576.2	50576.2	1	57
ICRF J100949.8 + 062200	1007 + 066	10 09 49.80803603	06 22 00.9816964	0.00032248	0.0091883	−0.749	53573.0	53573.0	53573.0	1	19
ICRF J101015.7 + 825014	1003 + 830	10 10 15.78316110	82 50 14.3841720	0.00016601	0.0003247	0.671	50688.3	50688.3	50688.3	1	68
ICRF J101051.6 − 020019	1008 − 017	10 10 51.66669070	−02 00 19.5743469	0.00001886	0.0006688	−0.342	50576.2	50576.2	50576.2	1	67
ICRF J101051.8 + 333017	1007 + 337	10 10 51.82900782	33 30 17.7605196	0.00002000	0.0005180	−0.225	50219.8	50219.8	50219.8	1	53
ICRF J101105.5 − 284740	1008 − 285	10 11 05.51733852	−28 47 40.4165813	0.00003301	0.0010744	−0.119	53560.8	53560.8	53560.8	1	62
ICRF J101115.6 + 010642	1008 + 013	10 11 15.63922645	01 06 42.5142428	0.00006823	0.0029652	−0.795	53561.9	53561.9	53561.9	1	32
ICRF J101130.2 − 042327	1009 − 041	10 11 30.23968770	−04 23 27.7137784	0.00213956	0.0449349	−0.288	54030.8	53573.0	54088.1	2	9

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J101216.3 + 231214	1009 + 234	10 12 16.38973154	23 12 14.6100658	0.00001175	0.0003348	0.054	53134.5	53134.5	53134.5	1	89
ICRF J101224.0 − 374005	1010 − 374	10 12 24.07487484	−37 40 05.8994692	0.00061148	0.0236901	0.851	53523.9	53523.9	53523.9	1	11
ICRF J101313.1 − 254654	1010 − 255	10 13 13.10508394	−25 46 54.6930150	0.00002915	0.0009319	0.070	53126.1	53126.1	53126.1	1	55
ICRF J101349.6 + 344550	1010 + 350	10 13 49.61403383	34 45 50.7835186	0.00001038	0.0002476	0.023	50242.8	50242.8	50242.8	1	90
ICRF J101504.1 + 492600	1011 + 496	10 15 04.13985728	49 26 00.7044313	0.00006617	0.0009060	−0.417	50306.3	50306.3	50306.3	1	51
ICRF J101557.0 + 010913	1013 + 014	10 15 57.05511439	01 09 13.7473507	0.00005177	0.0011669	0.238	53561.9	53561.9	53561.9	1	41
ICRF J101809.2 − 314414	1015 − 314	10 18 09.26689419	−31 44 14.0612650	0.00080152	0.0276390	−0.468	52306.7	52306.7	52306.7	1	5
ICRF J101950.8 + 632001	1016 + 635	10 19 50.87682449	63 20 01.6266182	0.00004796	0.0003564	0.106	53978.8	49827.5	54088.1	2	78
ICRF J102027.2 + 432056	1017 + 436	10 20 27.20308673	43 20 56.3387814	0.00005995	0.0007777	0.308	53560.8	53560.8	53560.8	1	49
ICRF J102117.4 + 343721	1018 + 348	10 21 17.47469702	34 37 21.6648700	0.00001413	0.0003364	−0.330	50219.8	50219.8	50219.8	1	80
ICRF J102213.1 + 423925	1019 + 429	10 22 13.13232934	42 39 25.6122435	0.00002192	0.0004347	0.045	50242.8	50242.8	50242.8	1	88
ICRF J102230.2 + 304105	1019 + 309	10 22 30.29842082	30 41 05.1167519	0.00004135	0.0008736	−0.551	52306.7	52306.7	52306.7	1	37
ICRF J102255.1 + 185334	1020 + 191	10 22 55.15670913	18 53 34.2623038	0.00017437	0.0034768	0.766	50310.0	50085.5	54482.7	3	48
ICRF J102257.5 − 095822	1020 − 097	10 22 57.51751729	−09 58 22.5910053	0.00042620	0.0130499	−0.921	53573.0	53573.0	53573.0	1	17
ICRF J102400.4 − 323416	1021 − 323	10 24 00.42384322	−32 34 16.0590623	0.00005258	0.0017283	0.156	53134.5	53134.5	53134.5	1	20
ICRF J102453.6 + 233233	1022 + 237	10 24 53.63734412	23 32 33.9629893	0.00002465	0.0005696	−0.364	53523.9	53523.9	53523.9	1	73
ICRF J102545.4 − 050954	1023 − 049	10 25 45.42295045	−05 09 54.1329967	0.00008382	0.0023585	−0.450	53560.8	53560.8	53560.8	1	19
ICRF J102713.0 + 480313	1024 + 483	10 27 13.07991022	48 03 13.5351334	0.00004164	0.0006515	−0.621	50306.3	50306.3	50306.3	1	70
ICRF J102724.1 + 742826	1023 + 747	10 27 24.14682349	74 28 26.0979847	0.00011567	0.0007141	−0.103	53561.9	53561.9	53561.9	1	50
ICRF J102820.4 + 025522	1025 + 031	10 28 20.40126777	02 55 22.4721769	0.00002172	0.0008297	−0.533	49914.7	49914.7	49914.7	1	99
ICRF J102821.2 + 240121	1025 + 242	10 28 21.25988779	24 01 21.7753544	0.00007179	0.0031239	−0.094	53573.0	53573.0	53573.0	1	32
ICRF J102921.8 + 051938	1026 + 055	10 29 21.83061946	05 19 38.7810256	0.00009505	0.0014752	−0.046	54088.1	54088.1	54088.1	1	24
ICRF J103122.0 + 744158	1027 + 749	10 31 22.02402922	74 41 58.3454251	0.00025668	0.0015676	0.595	49827.5	49827.5	49827.5	1	35
ICRF J103144.7 + 602030	1028 + 605	10 31 44.75627352	60 20 30.3643147	0.00024748	0.0013176	0.112	49577.0	49577.0	49577.0	1	40
ICRF J103152.3 − 222824	1029 − 222	10 31 52.31211831	−22 28 24.9749593	0.00012269	0.0032509	0.587	50662.2	50632.3	50688.3	2	30
ICRF J103155.0 − 042352	1029 − 041	10 31 55.00184414	−04 23 52.8685406	0.00003740	0.0011082	0.630	53561.9	53561.9	53561.9	1	59
ICRF J103206.2 − 140019	1029 − 137	10 32 06.22645172	−14 00 19.4699930	0.00040664	0.0064384	0.449	53573.0	53573.0	53573.0	1	10
ICRF J103307.6 − 360156	1030 − 357	10 33 07.66070928	−36 01 56.8123669	0.00018113	0.0061294	0.928	53126.1	53126.1	53126.1	1	13
ICRF J103322.0 + 393551	1030 + 398	10 33 22.06100090	39 35 51.0832314	0.00001500	0.0003012	0.373	50242.8	50242.8	50242.8	1	87
ICRF J103351.4 + 605107	1030 + 611	10 33 51.42897465	60 51 07.3343632	0.00008090	0.0011899	−0.314	49577.0	49577.0	49577.0	1	72
ICRF J103506.0 + 504006	1032 + 509	10 35 06.01945883	50 40 06.1011194	0.00005140	0.0007776	−0.569	51852.6	49577.0	54088.1	3	95
ICRF J103632.9 + 220312	1033 + 223	10 36 32.98066260	22 03 12.2062781	0.00007951	0.0013516	−0.158	50138.9	50085.5	50156.3	2	65
ICRF J103647.5 − 060541	1034 − 058	10 36 47.57300992	−06 05 41.1846427	0.00002208	0.0006820	0.073	50576.2	50576.2	50576.2	1	73
ICRF J103739.3 + 042401	1035 + 046	10 37 39.33955620	04 24 01.7451182	0.00003152	0.0009070	0.404	53560.8	53560.8	53560.8	1	53
ICRF J103742.4 − 282304	1035 − 281	10 37 42.45747747	−28 23 04.1106705	0.00008352	0.0021722	−0.770	50688.3	50688.3	50688.3	1	34

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J103743.8 + 283459	1034 + 288	10 37 43.83526301	28 34 59.4603364	0.00003077	0.0006627	−0.137	50219.8	50219.8	50219.8	1	57
ICRF J103814.6 − 432545	1036 − 431	10 38 14.69615820	−43 25 45.8960764	0.00022894	0.0076965	0.951	53134.5	53134.5	53134.5	1	15
ICRF J103818.1 + 424442	1035 + 430	10 38 18.19050457	42 44 42.7609238	0.00004920	0.0006608	−0.342	53561.9	53561.9	53561.9	1	40
ICRF J103846.7 + 051229	1036 + 054	10 38 46.77987569	05 12 29.0867545	0.00000664	0.0001860	−0.185	52011.6	49914.7	53552.8	4	310
ICRF J103906.7 − 154106	1036 − 154	10 39 06.70510609	−15 41 06.6914201	0.00001688	0.0005536	−0.304	50632.3	50632.3	50632.3	1	64
ICRF J104127.1 + 210141	1038 + 212	10 41 27.10294709	21 01 41.4638739	0.00043427	0.0053749	0.562	53573.0	53573.0	53573.0	1	15
ICRF J104410.6 + 532220	1041 + 536	10 44 10.67299535	53 22 20.5412109	0.00003778	0.0006671	−0.103	49577.0	49577.0	49577.0	1	102
ICRF J104514.3 + 173548	1042 + 178	10 45 14.35978506	17 35 48.0835837	0.00001629	0.0004672	−0.585	52768.4	50085.5	53503.7	3	83
ICRF J104540.6 − 292726	1043 − 291	10 45 40.62564120	−29 27 26.3365059	0.00009310	0.0033115	0.268	50688.3	50688.3	50688.3	1	23
ICRF J104624.0 + 535426	1043 + 541	10 46 24.03837465	53 54 26.2359067	0.00015133	0.0012947	0.477	49577.0	49577.0	49577.0	1	44
ICRF J104703.9 − 130832	1044 − 128	10 47 03.93094178	−13 08 32.4173893	0.00004330	0.0012792	0.091	50576.2	50576.2	50576.2	1	52
ICRF J104706.8 + 002937	1044 + 007	10 47 06.86395464	00 29 37.0809402	0.00050648	0.0057352	0.228	53560.8	53560.8	53560.8	1	3
ICRF J104807.7 + 005543	1045 + 011	10 48 07.74455574	00 55 43.4825876	0.00006058	0.0015124	−0.533	49914.7	49914.7	49914.7	1	58
ICRF J104822.8 + 014148	1045 + 019	10 48 22.86784993	01 41 48.1120614	0.00023352	0.0042287	0.709	49914.7	49914.7	49914.7	1	18
ICRF J105058.1 + 343010	1048 + 347	10 50 58.12295087	34 30 10.9405368	0.00007895	0.0012639	−0.531	50219.8	50219.8	50219.8	1	25
ICRF J105101.3 + 202719	1048 + 207	10 51 01.37428058	20 27 19.9708567	0.00001537	0.0004327	0.060	53126.1	53126.1	53126.1	1	86
ICRF J105115.8 + 464417	1048 + 470	10 51 15.89544682	46 44 17.3703685	0.00032018	0.0016592	−0.531	50306.3	50306.3	50306.3	1	18
ICRF J105432.4 + 392812	1051 + 397	10 54 32.42218420	39 28 12.3822151	0.00006065	0.0007439	−0.027	54088.1	54088.1	54088.1	1	37
ICRF J105724.4 − 234201	1054 − 234	10 57 24.42131875	−23 42 01.7113047	0.00015604	0.0040595	0.854	50646.3	50632.3	50688.3	2	12
ICRF J105754.1 − 250929	1055 − 248	10 57 54.13366888	−25 09 29.0629402	0.00002024	0.0007902	0.130	50659.4	50632.3	50688.3	2	97
ICRF J105755.4 − 243348	1055 − 242	10 57 55.40991861	−24 33 48.8739185	0.00110804	0.0229286	0.593	51700.4	50632.3	54314.7	3	7
ICRF J105802.9 + 430441	1055 + 433	10 58 02.92080794	43 04 41.5054021	0.00002278	0.0003710	−0.567	50242.8	50242.8	50242.8	1	83
ICRF J105811.0 − 030927	1055 − 028	10 58 11.01069186	−03 09 27.2548483	0.00004388	0.0011218	−0.480	53134.5	53134.5	53134.5	1	32
ICRF J105837.7 + 562811	1055 + 567	10 58 37.72751617	56 28 11.2071955	0.00043875	0.0016625	0.394	49577.0	49577.0	49577.0	1	31
ICRF J105912.4 − 113422	1056 − 113	10 59 12.42641379	−11 34 22.7796529	0.00002468	0.0009003	−0.016	50576.2	50576.2	50576.2	1	75
ICRF J110130.0 + 390432	1058 + 393	11 01 30.06957669	39 04 32.6333217	0.00002524	0.0004811	−0.538	50242.8	50242.8	50242.8	1	81
ICRF J110153.4 + 624150	1058 + 629	11 01 53.45081908	62 41 50.6060681	0.00006445	0.0008469	0.455	49827.5	49827.5	49827.5	1	100
ICRF J110203.1 + 224156	1059 + 229	11 02 03.14444225	22 41 56.1264052	0.00004241	0.0009187	−0.454	53561.9	53561.9	53561.9	1	43
ICRF J110242.7 + 594119	1059 + 599	11 02 42.76281797	59 41 19.5857105	0.00008809	0.0007572	0.185	53867.6	49577.0	54112.8	2	37
ICRF J110313.3 + 301442	1100 + 305	11 03 13.30189911	30 14 42.7020603	0.00001834	0.0004800	−0.571	50219.8	50219.8	50219.8	1	56
ICRF J110323.0 + 220337	1100 + 223	11 03 23.06767643	22 03 37.7202211	0.00004475	0.0010074	−0.364	50133.5	50085.5	50156.3	2	93
ICRF J110405.5 + 793252	1100 + 798	11 04 05.55921846	79 32 52.9546031	0.00249982	0.0029871	0.898	50401.4	49827.5	50688.3	2	24
ICRF J110446.1 − 243125	1102 − 242	11 04 46.17644667	−24 31 25.8000450	0.00001323	0.0004356	−0.168	50660.3	50632.3	50688.3	2	132
ICRF J110453.6 + 603855	1101 + 609	11 04 53.69464298	60 38 55.3150202	0.00006663	0.0009773	−0.227	53276.1	49577.0	54088.1	2	50
ICRF J110511.0 − 392842	1102 − 392	11 05 11.08157945	−39 28 42.1382955	0.00022612	0.0104351	0.747	53472.9	53153.2	53552.8	2	25

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J110538.9 + 020257	1103 + 023	11 05 38.99267209	02 02 57.4756468	0.00012112	0.0025635	−0.369	53134.5	53134.5	53134.5	1	21
ICRF J110607.2 + 281247	1103 + 284	11 06 07.26171940	28 12 47.0649189	0.00001976	0.0005153	0.163	53560.8	53560.8	53560.8	1	72
ICRF J110715.0 + 162802	1104 + 167	11 07 15.04744432	16 28 02.2448133	0.00003324	0.0012516	−0.651	50128.2	50085.5	50156.3	2	126
ICRF J110725.8 + 521931	1104 + 525	11 07 25.82778170	52 19 31.6366406	0.00003574	0.0005653	−0.541	53503.7	53503.7	53503.7	1	69
ICRF J110823.4 + 433053	1105 + 437	11 08 23.47693551	43 30 53.6570719	0.00001887	0.0003140	−0.470	50242.8	50242.8	50242.8	1	81
ICRF J110845.4 + 020240	1106 + 023	11 08 45.48837979	02 02 40.9023040	0.00033457	0.0062716	0.541	53523.9	53523.9	53523.9	1	7
ICRF J110928.8 + 374431	1106 + 380	11 09 28.85384008	37 44 31.1044984	0.00006152	0.0011495	0.601	52306.7	52306.7	52306.7	1	40
ICRF J111000.4 − 185848	1107 − 187	11 10 00.40688328	−18 58 48.7441658	0.00006862	0.0018244	−0.376	50661.7	50632.3	50688.3	2	59
ICRF J111013.0 + 602842	1107 + 607	11 10 13.08810710	60 28 42.5667114	0.00012538	0.0015847	0.519	49577.0	49577.0	49577.0	1	61
ICRF J111046.3 + 440325	1107 + 443	11 10 46.34580450	44 03 25.9251838	0.00002147	0.0003366	−0.454	50273.9	50242.8	50306.3	2	135
ICRF J111120.0 + 195536	1108 + 201	11 11 20.06576034	19 55 36.0002856	0.00029425	0.0034888	−0.782	50118.4	50085.5	50156.3	2	28
ICRF J111209.5 + 072449	1109 + 076	11 12 09.55853877	07 24 49.1180402	0.00001629	0.0005023	0.081	53560.8	53560.8	53560.8	1	74
ICRF J111238.7 + 344639	1109 + 350	11 12 38.76914249	34 46 39.1096300	0.00002880	0.0006161	−0.314	53561.9	53561.9	53561.9	1	71
ICRF J111249.8 − 215829	1110 − 217	11 12 49.84868073	−21 58 29.3513484	0.00008840	0.0023898	−0.322	50656.8	50632.3	50688.3	2	32
ICRF J111301.4 − 354948	1110 − 355	11 13 01.48207610	−35 49 48.2661716	0.00028113	0.0182970	0.298	53134.5	53134.5	53134.5	1	9
ICRF J111432.5 − 081639	1112 − 080	11 14 32.55068096	−08 16 39.0032511	0.00002083	0.0007175	−0.005	50576.2	50576.2	50576.2	1	80
ICRF J111558.8 − 305927	1113 − 307	11 15 58.81409192	−30 59 27.4286511	0.00050414	0.0134414	0.778	53503.7	53503.7	53503.7	1	10
ICRF J111609.9 + 082922	1113 + 087	11 16 09.97338399	08 29 22.0328582	0.00002782	0.0008147	−0.458	49914.7	49914.7	49914.7	1	100
ICRF J111817.1 − 123254	1115 − 122	11 18 17.14138209	−12 32 54.2622805	0.00001948	0.0006856	0.014	50576.2	50576.2	50576.2	1	76
ICRF J111820.6 − 305458	1115 − 306	11 18 20.61025367	−30 54 58.5206345	0.00043863	0.0185532	0.952	52306.7	52306.7	52306.7	1	8
ICRF J111914.3 + 600457	1116 + 603	11 19 14.34550912	60 04 57.2050454	0.00017761	0.0012822	0.081	53777.0	49577.0	54088.1	2	29
ICRF J111942.8 + 041027	1117 + 044	11 19 42.82421174	04 10 27.9274646	0.00002160	0.0006078	0.099	49914.7	49914.7	49914.7	1	97
ICRF J112012.0 − 124337	1117 − 124	11 20 12.08053978	−12 43 37.8294859	0.00002131	0.0007717	0.050	50576.2	50576.2	50576.2	1	80
ICRF J112038.4 + 070447	1118 + 073	11 20 38.44387953	07 04 47.1746104	0.00031287	0.0052931	0.882	49914.7	49914.7	49914.7	1	18
ICRF J112055.5 − 142029	1118 − 140	11 20 55.56363654	−14 20 29.9249534	0.00001822	0.0005832	−0.020	50632.3	50632.3	50632.3	1	72
ICRF J112125.1 − 055356	1118 − 056	11 21 25.10806631	−05 53 56.4399172	0.00001360	0.0004598	0.054	50576.2	50576.2	50576.2	1	89
ICRF J112142.1 − 071106	1119 − 069	11 21 42.12288999	−07 11 06.3411838	0.00003393	0.0009562	0.173	53573.0	53573.0	53573.0	1	67
ICRF J112143.1 − 044236	1119 − 044	11 21 43.11448442	−04 42 36.1492533	0.00038101	0.0108089	0.838	53561.9	53561.9	53561.9	1	10
ICRF J112205.7 − 253233	1119 − 252	11 22 05.74320514	−25 32 33.8313881	0.00002094	0.0006838	−0.234	50660.6	50632.3	50688.3	2	103
ICRF J112256.4 − 274248	1120 − 274	11 22 56.41008377	−27 42 48.4593259	0.00016023	0.0056583	0.705	53560.8	53560.8	53560.8	1	22
ICRF J112402.5 − 150158	1121 − 147	11 24 02.56566856	−15 01 58.9484375	0.00013147	0.0029956	0.572	53573.0	53573.0	53573.0	1	28
ICRF J112431.5 + 230755	1121 + 234	11 24 31.58828665	23 07 55.9531201	0.00001573	0.0003557	−0.234	54112.8	54112.8	54112.8	1	52
ICRF J112558.7 + 200554	1123 + 203	11 25 58.74197708	20 05 54.3377086	0.00004558	0.0009358	−0.139	50121.5	50085.5	50156.3	2	112
ICRF J112644.1 − 382844	1124 − 382	11 26 44.13309814	−38 28 44.0430830	0.00027370	0.0130271	0.661	53426.4	53126.1	53552.8	2	27
ICRF J112653.1 + 062556	1124 + 067	11 26 53.14595151	06 25 56.9412411	0.00005759	0.0011118	−0.115	53560.8	53560.8	53560.8	1	37

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J112657.5 − 055552	1124 − 056	11 26 57.52341853	−05 55 52.7816128	0.00039448	0.0158725	0.074	53561.9	53561.9	53561.9	1	4
ICRF J112657.6 + 451606	1124 + 455	11 26 57.65498645	45 16 06.2829452	0.00003469	0.0011223	−0.308	50306.3	50306.3	50306.3	1	48
ICRF J112712.4 − 073512	1124 − 073	11 27 12.43628180	−07 35 12.1641227	0.00001100	0.0003659	0.044	50576.2	50576.2	50576.2	1	81
ICRF J112736.5 + 055532	1125 + 062	11 27 36.52556417	05 55 32.0599859	0.00006559	0.0017246	−0.430	53126.1	53126.1	53126.1	1	25
ICRF J112835.5 + 210237	1125 + 213	11 28 35.54142531	21 02 37.3598303	0.00021609	0.0034148	−0.375	50131.3	50085.5	50156.3	2	17
ICRF J112955.7 − 370757	1127 − 368	11 29 55.78400125	−37 07 57.3605459	0.00043890	0.0184761	0.793	53503.7	53503.7	53503.7	1	17
ICRF J113004.4 − 360804	1127 − 358	11 30 04.41730808	−36 08 04.0525150	0.00058142	0.0264771	0.797	52409.7	52409.7	52409.7	1	5
ICRF J113035.9 + 084643	1128 + 090	11 30 35.95151013	08 46 43.1071547	0.00001591	0.0004607	0.161	53134.5	53134.5	53134.5	1	84
ICRF J113042.4 + 303135	1128 + 308	11 30 42.42916863	30 31 35.3878544	0.00001964	0.0004796	−0.112	50219.8	50219.8	50219.8	1	65
ICRF J113303.0 + 001548	1130 + 005	11 33 03.03003148	00 15 48.9806739	0.00001549	0.0004974	−0.007	53561.9	53561.9	53561.9	1	88
ICRF J113520.7 − 305629	1132 − 306	11 35 20.77721396	−30 56 29.9174212	0.00041358	0.0156491	0.796	53523.9	53523.9	53523.9	1	10
ICRF J113558.2 − 042827	1133 − 041	11 35 58.23497963	−04 28 27.8871286	0.00001453	0.0004053	−0.031	53560.8	53560.8	53560.8	1	90
ICRF J113627.3 + 340739	1133 + 344	11 36 27.34391845	34 07 39.4845297	0.00002377	0.0004754	−0.068	53561.9	53561.9	53561.9	1	90
ICRF J113821.1 + 474515	1135 + 480	11 38 21.13816533	47 45 15.3970842	0.00004872	0.0009262	0.080	50306.3	50306.3	50306.3	1	51
ICRF J113902.7 + 403254	1136 + 408	11 39 02.73423539	40 32 54.8414004	0.00002611	0.0004380	−0.328	50242.8	50242.8	50242.8	1	77
ICRF J113910.7 − 135043	1136 − 135	11 39 10.70257949	−13 50 43.6395355	0.00004187	0.0013031	−0.018	50576.2	50576.2	50576.2	1	45
ICRF J113929.5 − 155251	1136 − 156	11 39 29.57606513	−15 52 51.6533171	0.00001657	0.0005614	0.285	50632.3	50632.3	50632.3	1	49
ICRF J113951.5 + 765432	1136 + 771	11 39 51.53868451	76 54 32.3465703	0.00009563	0.0005717	0.354	49827.5	49827.5	49827.5	1	102
ICRF J114010.5 − 273040	1137 − 272	11 40 10.59751148	−27 30 40.6702411	0.00081679	0.0418830	0.546	53573.0	53573.0	53573.0	1	11
ICRF J114112.2 + 641005	1138 + 644	11 41 12.22823091	64 10 05.5058028	0.00016561	0.0014134	−0.184	49827.5	49827.5	49827.5	1	49
ICRF J114207.7 + 154754	1139 + 160	11 42 07.73595976	15 47 54.1772722	0.00017333	0.0056002	−0.848	53573.0	53573.0	53573.0	1	29
ICRF J114326.0 + 183438	1140 + 188	11 43 26.06966329	18 34 38.3620655	0.00004837	0.0014581	−0.034	50126.1	50085.5	50156.3	2	61
ICRF J114341.6 + 663331	1140 + 668	11 43 41.60308315	66 33 31.2290849	0.00013677	0.0012824	0.382	49827.5	49827.5	49827.5	1	35
ICRF J114408.7 + 005436	1141 + 011	11 44 08.71376451	00 54 36.3353855	0.00006910	0.0015838	−0.139	53560.8	53560.8	53560.8	1	33
ICRF J114538.5 + 442021	1143 + 446	11 45 38.51956817	44 20 21.9150651	0.00080761	0.0132748	−0.652	50306.3	50306.3	50306.3	1	3
ICRF J114644.2 + 535643	1144 + 542	11 46 44.20432733	53 56 43.0835546	0.00005963	0.0017559	−0.170	49577.0	49577.0	49577.0	1	45
ICRF J114807.1 − 004645	1145 − 005	11 48 07.19178506	−00 46 45.6728613	0.00016435	0.0048924	−0.730	53560.8	53560.8	53560.8	1	11
ICRF J114837.7 + 184008	1146 + 189	11 48 37.77678823	18 40 08.9695493	0.00009691	0.0011708	0.255	50138.9	50085.5	50156.3	2	65
ICRF J114855.8 − 040409	1146 − 037	11 48 55.88479338	−04 04 09.5633297	0.00001833	0.0005237	−0.091	50576.2	50576.2	50576.2	1	61
ICRF J114908.9 + 282434	1146 + 286	11 49 08.90551406	28 24 34.8943684	0.00002260	0.0005029	0.026	53561.9	53561.9	53561.9	1	86
ICRF J114933.9 + 355908	1146 + 362	11 49 33.97567688	35 59 08.0949898	0.00002760	0.0006852	−0.284	54112.8	54112.8	54112.8	1	42
ICRF J115016.6 + 433205	1147 + 438	11 50 16.60268491	43 32 05.9055649	0.00012097	0.0021050	−0.179	50242.8	50242.8	50242.8	1	28
ICRF J115023.9 − 064026	1147 − 063	11 50 23.98669831	−06 40 26.5709334	0.00001867	0.0006326	−0.606	53503.7	53503.7	53503.7	1	73
ICRF J115032.7 + 063029	1147 + 067	11 50 32.72903731	06 30 29.4191856	0.00004911	0.0011272	−0.028	53573.0	53573.0	53573.0	1	52
ICRF J115103.2 − 172359	1148 − 171	11 51 03.20365622	−17 23 59.8430607	0.00002462	0.0007824	−0.169	50632.3	50632.3	50632.3	1	46

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J115232.8 + 493938	1149 + 499	11 52 32.87105839	49 39 38.7679120	0.00001330	0.0002097	−0.447	52409.7	52409.7	52409.7	1	118
ICRF J115251.9 + 330718	1150 + 334	11 52 51.91012408	33 07 18.7642573	0.00003260	0.0011275	−0.020	53560.8	53560.8	53560.8	1	45
ICRF J115255.4 − 051948	1150 − 050	11 52 55.49158471	−05 19 48.5352590	0.00010556	0.0022058	0.006	53561.9	53561.9	53561.9	1	26
ICRF J115312.5 + 091402	1150 + 095	11 53 12.55210914	09 14 02.2779181	0.00004249	0.0012366	−0.089	49914.7	49914.7	49914.7	1	53
ICRF J115322.3 − 110512	1150 − 108	11 53 22.31374002	−11 05 12.5881922	0.00002764	0.0009187	−0.009	50576.2	50576.2	50576.2	1	62
ICRF J115348.5 + 095554	1151 + 102	11 53 48.52737674	09 55 54.8888668	0.00003076	0.0010984	−0.629	49914.7	49914.7	49914.7	1	80
ICRF J115354.6 + 403652	1151 + 408	11 53 54.65898044	40 36 52.6188096	0.00002214	0.0003443	−0.320	50242.8	50242.8	50242.8	1	69
ICRF J115406.1 − 324242	1151 − 324	11 54 06.16645893	−32 42 42.9822372	0.00002516	0.0007554	−0.426	52306.7	52306.7	52306.7	1	45
ICRF J115421.7 − 350529	1151 − 348	11 54 21.78712655	−35 05 29.0803479	0.00009698	0.0042617	0.488	52363.9	52306.7	52409.7	2	27
ICRF J115503.1 − 310758	1152 − 308	11 55 03.15771514	−31 07 58.7276847	0.00002517	0.0008820	−0.187	52370.6	52306.7	52409.7	2	58
ICRF J115511.0 + 455539	1152 + 462	11 55 11.00923543	45 55 39.6248802	0.00027937	0.0053024	−0.382	50306.3	50306.3	50306.3	1	12
ICRF J115536.8 − 121635	1153 − 119	11 55 36.81937616	−12 16 35.5032931	0.00012415	0.0031411	−0.161	50576.2	50576.2	50576.2	1	24
ICRF J115545.5 − 101752	1153 − 100	11 55 45.55150086	−10 17 52.2491257	0.00032794	0.0058377	0.206	53573.0	53573.0	53573.0	1	7
ICRF J115700.6 + 064112	1154 + 069	11 57 00.65243124	06 41 12.5922629	0.00003656	0.0012959	−0.449	54112.8	54112.8	54112.8	1	26
ICRF J115826.7 + 482516	1155 + 486	11 58 26.76952369	48 25 16.2292041	0.00002140	0.0004004	−0.165	50306.3	50306.3	50306.3	1	64
ICRF J115911.2 − 222836	1156 − 221	11 59 11.26726424	−22 28 36.9018672	0.00002005	0.0006964	0.214	50662.5	50632.3	50688.3	2	102
ICRF J115911.8 + 095446	1156 + 101	11 59 11.86818637	09 54 46.9917824	0.00014914	0.0057658	0.749	53560.8	53560.8	53560.8	1	8
ICRF J115951.9 − 214853	1157 − 215	11 59 51.90611824	−21 48 53.7073457	0.00001131	0.0003591	−0.210	50659.8	50632.3	50688.3	2	112
ICRF J120011.3 + 530046	1157 + 532	12 00 11.38429225	53 00 46.8776052	0.00003715	0.0005494	−0.190	53990.6	53561.9	54088.1	2	54
ICRF J120123.2 + 002828	1158 + 007	12 01 23.25081248	00 28 28.3156302	0.00019821	0.0077530	−0.954	53573.0	53573.0	53573.0	1	33
ICRF J120144.2 + 143136	1159 + 148	12 01 44.26887504	14 31 36.4491158	0.00001518	0.0003861	0.153	53560.8	53560.8	53560.8	1	89
ICRF J120234.2 − 052802	1200 − 051	12 02 34.22485665	−05 28 02.4911633	0.00001037	0.0003357	0.124	50576.2	50576.2	50576.2	1	81
ICRF J120303.5 + 603119	1200 + 608	12 03 03.50716028	60 31 19.1626117	0.00008410	0.0012714	0.157	54088.1	54088.1	54088.1	1	31
ICRF J120329.8 + 480313	1200 + 483	12 03 29.85302572	48 03 13.6258755	0.00000894	0.0002035	−0.009	52409.7	52409.7	52409.7	1	90
ICRF J120533.2 − 263404	1202 − 262	12 05 33.21232486	−26 34 04.4635969	0.00001885	0.0006408	−0.533	50666.5	50632.3	50688.3	2	95
ICRF J120658.0 + 052952	1204 + 057	12 06 58.02671333	05 29 52.2473521	0.00007030	0.0026168	0.513	49914.7	49914.7	49914.7	1	36
ICRF J120727.9 + 275458	1204 + 281	12 07 27.90047360	27 54 58.8499133	0.00001236	0.0003370	−0.201	50219.8	50219.8	50219.8	1	72
ICRF J120728.3 − 270310	1204 − 267	12 07 28.35230558	−27 03 10.0840689	0.00014474	0.0035596	−0.624	53561.9	53561.9	53561.9	1	24
ICRF J120741.6 − 010636	1205 − 008	12 07 41.67761289	−01 06 36.6904189	0.00001342	0.0004280	−0.063	53134.5	53134.5	53134.5	1	80
ICRF J120827.4 + 541319	1205 + 545	12 08 27.49949114	54 13 19.5178907	0.00025191	0.0017391	−0.189	49577.0	49577.0	49577.0	1	32
ICRF J120833.6 + 005421	1205 + 011	12 08 33.65431356	00 54 21.9233597	0.00046640	0.0135250	−0.671	53573.0	53573.0	53573.0	1	8
ICRF J120854.2 + 544158	1206 + 549	12 08 54.25637558	54 41 58.1645669	0.00004606	0.0008702	0.104	49577.0	49577.0	49577.0	1	92
ICRF J120914.6 − 203238	1206 − 202	12 09 14.61098892	−20 32 38.9898312	0.00001284	0.0004037	−0.022	50666.4	50632.3	50688.3	2	92
ICRF J120922.7 + 411941	1206 + 416	12 09 22.78802980	41 19 41.3699003	0.00002524	0.0003971	−0.373	50242.8	50242.8	50242.8	1	86
ICRF J120940.0 − 321453	1207 − 319	12 09 40.04465170	−32 14 53.1078060	0.00001023	0.0003244	−0.084	52363.2	52306.7	52409.7	2	133

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J120945.0 + 254703	1207 + 260	12 09 45.09512189	25 47 03.7300150	0.00001513	0.0004117	−0.202	50219.8	50219.8	50219.8	1	70
ICRF J121004.1 − 121744	1207 − 120	12 10 04.16440046	−12 17 44.9412684	0.00027363	0.0032786	0.770	54112.8	54112.8	54112.8	1	12
ICRF J121106.6 + 182034	1208 + 186	12 11 06.68830082	18 20 34.2832721	0.00005061	0.0008759	0.040	50124.4	50085.5	50156.3	2	111
ICRF J121157.7 − 192607	1209 − 191	12 11 57.73867408	−19 26 07.6584396	0.00013348	0.0025184	0.456	50654.7	50632.3	50688.3	2	35
ICRF J121203.6 − 222151	1209 − 220	12 12 03.69760661	−22 21 51.5130042	0.00001530	0.0005107	−0.464	50658.2	50632.3	50688.3	2	123
ICRF J121322.9 − 100325	1210 − 097	12 13 22.94286442	−10 03 25.2684330	0.00001917	0.0006985	0.004	50576.2	50576.2	50576.2	1	55
ICRF J121404.1 + 330945	1211 + 334	12 14 04.11580067	33 09 45.5952812	0.00002768	0.0005140	−0.067	50219.8	50219.8	50219.8	1	56
ICRF J121624.4 − 103315	1213 − 102	12 16 24.40256046	−10 33 15.6204491	0.00001414	0.0005077	−0.010	50576.2	50576.2	50576.2	1	80
ICRF J121711.0 + 583526	1214 + 588	12 17 11.01865591	58 35 26.2477134	0.00004456	0.0006432	0.030	49577.0	49577.0	49577.0	1	119
ICRF J121758.7 − 002946	1215 − 002	12 17 58.72904166	−00 29 46.3004644	0.00007956	0.0024324	−0.573	50576.2	50576.2	50576.2	1	14
ICRF J121826.0 + 110505	1215 + 113	12 18 26.09228648	11 05 05.2622892	0.00001074	0.0003099	0.097	53126.1	53126.1	53126.1	1	84
ICRF J121834.9 − 011954	1216 − 010	12 18 34.92978155	−01 19 54.3421439	0.00001628	0.0005193	0.216	50576.2	50576.2	50576.2	1	80
ICRF J121935.7 + 660031	1217 + 662	12 19 35.79395516	66 00 31.8438850	0.00037465	0.0017711	0.486	53560.8	53560.8	53560.8	1	14
ICRF J122003.6 + 710531	1217 + 713	12 20 03.62840054	71 05 31.1333777	0.00006092	0.0003612	−0.106	52519.9	49827.5	53134.5	3	92
ICRF J122008.2 + 343121	1217 + 348	12 20 08.29415642	34 31 21.7429857	0.00002920	0.0006811	−0.615	50219.8	50219.8	50219.8	1	67
ICRF J122059.2 + 380855	1218 + 384	12 20 59.22931948	38 08 55.7067203	0.00002179	0.0004170	−0.539	50242.8	50242.8	50242.8	1	85
ICRF J122123.9 − 024149	1218 − 024	12 21 23.94114396	−02 41 49.6091447	0.00001794	0.0005650	0.210	50576.2	50576.2	50576.2	1	73
ICRF J122127.0 + 441129	1218 + 444	12 21 27.04465813	44 11 29.6716269	0.00002223	0.0004767	0.052	50306.3	50306.3	50306.3	1	72
ICRF J122216.0 − 164554	1219 − 164	12 22 16.09899778	−16 45 54.8752271	0.00026721	0.0070492	0.742	54112.8	54112.8	54112.8	1	10
ICRF J122339.3 + 461118	1221 + 464	12 23 39.33660245	46 11 18.6026839	0.00005316	0.0006864	−0.121	50306.3	50306.3	50306.3	1	49
ICRF J122354.6 + 065002	1221 + 071	12 23 54.62417512	06 50 02.5759482	0.00039899	0.0066570	0.683	49914.7	49914.7	49914.7	1	10
ICRF J122451.5 + 433519	1222 + 438	12 24 51.50533625	43 35 19.2870920	0.00003364	0.0007740	−0.152	50242.8	50242.8	50242.8	1	69
ICRF J122550.5 + 391422	1223 + 395	12 25 50.56907939	39 14 22.6864509	0.00002121	0.0004858	−0.241	50242.8	50242.8	50242.8	1	67
ICRF J122654.4 − 132838	1224 − 132	12 26 54.41876199	−13 28 38.9850595	0.00003534	0.0012233	−0.311	53552.8	53552.8	53552.8	1	47
ICRF J122657.9 + 434058	1224 + 439	12 26 57.90440741	43 40 58.4464599	0.00037866	0.0107572	−0.802	53561.9	53561.9	53561.9	1	7
ICRF J122726.6 − 443638	1224 − 443	12 27 26.68265463	−44 36 38.3452666	0.00006007	0.0017076	−0.436	53126.1	53126.1	53126.1	1	9
ICRF J122755.7 + 493256	1225 + 498	12 27 55.72472597	49 32 56.0462280	0.00003960	0.0008748	0.015	53573.0	53573.0	53573.0	1	73
ICRF J122758.7 + 363511	1225 + 368	12 27 58.72544812	36 35 11.8271784	0.00006909	0.0010842	−0.590	50242.8	50242.8	50242.8	1	44
ICRF J122819.2 + 023229	1225 + 028	12 28 19.25669165	02 32 29.3952155	0.00002452	0.0007497	−0.098	53560.8	53560.8	53560.8	1	55
ICRF J122824.9 + 312837	1225 + 317	12 28 24.96599822	31 28 37.6291548	0.00001659	0.0004566	−0.236	50219.8	50219.8	50219.8	1	72
ICRF J122851.7 + 485801	1226 + 492	12 28 51.76787306	48 58 01.2912998	0.00005468	0.0012486	0.417	50306.3	50306.3	50306.3	1	44
ICRF J122906.0 + 633500	1226 + 638	12 29 06.02602805	63 35 00.9797975	0.00040498	0.0038746	0.031	49827.5	49827.5	49827.5	1	17
ICRF J123007.0 + 583007	1227 + 587	12 30 07.05729260	58 30 07.7635457	0.00013772	0.0023376	0.482	49577.0	49577.0	49577.0	1	36
ICRF J123014.0 + 251807	1227 + 255	12 30 14.08935832	25 18 07.1363149	0.00001965	0.0005359	−0.357	50219.8	50219.8	50219.8	1	69
ICRF J123044.9 − 312123	1228 − 310	12 30 44.93265567	−31 21 23.3106804	0.00008266	0.0057358	−0.307	52575.0	52306.7	53134.5	3	37

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J123127.5 + 041801	1228 + 045	12 31 27.58583501	04 18 01.8898569	0.00010093	0.0014744	0.104	49914.7	49914.7	49914.7	1	47
ICRF J123200.0 − 022404	1229 − 021	12 32 00.01598564	−02 24 04.7942884	0.00001243	0.0003761	0.135	50576.2	50576.2	50576.2	1	78
ICRF J123215.8 − 101525	1229 − 099	12 32 15.85984962	−10 15 25.1684897	0.00009577	0.0024717	−0.111	53561.9	53561.9	53561.9	1	22
ICRF J123234.7 + 482132	1230 + 486	12 32 34.78762303	48 21 32.9400434	0.00004307	0.0007653	0.202	50306.3	50306.3	50306.3	1	61
ICRF J123312.8 + 805433	1231 + 811	12 33 12.89320574	80 54 33.9711597	0.00011953	0.0004149	−0.037	54112.8	54112.8	54112.8	1	54
ICRF J123313.1 − 102518	1230 − 101	12 33 13.16483977	−10 25 18.4385723	0.00002517	0.0008177	0.445	50576.2	50576.2	50576.2	1	66
ICRF J123413.3 + 475351	1231 + 481	12 34 13.33080080	47 53 51.2351958	0.00004673	0.0008807	0.079	50306.3	50306.3	50306.3	1	61
ICRF J123736.4 + 192440	1235 + 196	12 37 36.42037536	19 24 40.6198906	0.00001847	0.0006404	−0.318	50123.5	50085.5	50156.3	2	179
ICRF J123756.5 + 203418	1235 + 208	12 37 56.59093364	20 34 18.8495111	0.00006374	0.0010686	0.536	53560.8	53560.8	53560.8	1	40
ICRF J123802.4 + 072321	1235 + 076	12 38 02.44563343	07 23 21.8174903	0.00001894	0.0005582	0.017	49914.7	49914.7	49914.7	1	114
ICRF J123852.7 − 382556	1236 − 381	12 38 52.73151805	−38 25 56.9912848	0.00025564	0.0119651	0.182	52745.8	52306.7	53126.1	3	14
ICRF J123932.7 + 044305	1236 + 049	12 39 32.75564362	04 43 05.2333344	0.00001888	0.0006185	−0.215	49914.7	49914.7	49914.7	1	105
ICRF J124034.7 + 695830	1238 + 702	12 40 34.70036606	69 58 30.6098754	0.00008677	0.0006864	−0.228	53827.2	49827.5	54088.1	2	49
ICRF J124047.9 + 240514	1238 + 243	12 40 47.98495910	24 05 14.1518631	0.00016816	0.0028428	−0.369	50219.8	50219.8	50219.8	1	18
ICRF J124310.6 − 294322	1240 − 294	12 43 10.66193601	−29 43 22.5045183	0.00001480	0.0004580	0.123	53126.1	53126.1	53126.1	1	67
ICRF J124345.0 + 744237	1241 + 749	12 43 45.03361534	74 42 37.1144999	0.00048327	0.0025514	0.235	49827.5	49827.5	49827.5	1	25
ICRF J124414.6 − 263325	1241 − 262	12 44 14.64198843	−26 33 25.0000455	0.00003119	0.0010725	0.159	53560.8	53560.8	53560.8	1	57
ICRF J124449.1 + 404806	1242 + 410	12 44 49.18711793	40 48 06.1510717	0.00028762	0.0056917	0.918	50242.8	50242.8	50242.8	1	15
ICRF J124707.5 + 704645	1245 + 710	12 47 07.55335879	70 46 45.1246058	0.00068562	0.0028563	0.226	54112.8	54112.8	54112.8	1	8
ICRF J124733.3 + 672316	1245 + 676	12 47 33.32954415	67 23 16.4507419	0.00024365	0.0019330	−0.255	53639.6	49827.5	54088.1	2	19
ICRF J124759.3 − 234859	1245 − 235	12 47 59.35111406	−23 48 59.2803112	0.00015675	0.0037231	0.480	50656.9	50632.3	50688.3	2	50
ICRF J124818.7 + 582028	1246 + 586	12 48 18.78465833	58 20 28.7170778	0.00006751	0.0011199	0.320	49577.0	49577.0	49577.0	1	70
ICRF J124822.9 − 063209	1245 − 062	12 48 22.97565261	−06 32 09.8175039	0.00000912	0.0003070	0.041	50576.2	50576.2	50576.2	1	81
ICRF J124823.8 − 195918	1245 − 197	12 48 23.89812760	−19 59 18.5889413	0.00004936	0.0011483	0.571	50661.5	50632.3	50688.3	2	69
ICRF J124918.4 + 281743	1246 + 285	12 49 18.40928923	28 17 43.6146181	0.00003510	0.0007076	−0.347	53126.1	53126.1	53126.1	1	51
ICRF J125006.8 + 015804	1247 + 022	12 50 06.84194383	01 58 04.1466993	0.00029740	0.0055186	0.800	53134.5	53134.5	53134.5	1	13
ICRF J125009.2 + 162121	1247 + 166	12 50 09.22712185	16 21 21.4617571	0.00014175	0.0020030	0.010	53560.8	53560.8	53560.8	1	21
ICRF J125028.2 + 134340	1247 + 139	12 50 28.21799279	13 43 40.3883868	0.00090293	0.0172383	−0.914	53573.0	53573.0	53573.0	1	6
ICRF J125032.5 + 021632	1247 + 025	12 50 32.58079229	02 16 32.1737162	0.00001457	0.0004806	−0.091	53561.9	53561.9	53561.9	1	81
ICRF J125114.4 − 171713	1248 − 170	12 51 14.47512123	−17 17 13.1596354	0.00002107	0.0007487	−0.344	53561.9	53561.9	53561.9	1	66
ICRF J125139.2 − 351839	1248 − 350	12 51 39.22513092	−35 18 39.5799716	0.00020511	0.0113894	0.490	53134.5	53134.5	53134.5	1	14
ICRF J125258.3 − 331959	1250 − 330	12 52 58.39734731	−33 19 59.5605387	0.00001645	0.0005500	−0.007	53126.1	53126.1	53126.1	1	41
ICRF J125311.9 + 530111	1250 + 532	12 53 11.92041728	53 01 11.7378133	0.00025733	0.0018348	0.681	49577.0	49577.0	49577.0	1	23
ICRF J125428.8 + 453604	1252 + 458	12 54 28.82867546	45 36 04.3260845	0.00004040	0.0008943	0.226	50306.3	50306.3	50306.3	1	70
ICRF J125431.4 − 131716	1251 − 130	12 54 31.46828216	−13 17 16.2149857	0.00004787	0.0020536	0.429	53560.8	53560.8	53560.8	1	23

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J125445.4 + 023328	1252 + 028	12 54 45.46652938	02 33 28.9620277	0.00009191	0.0022847	0.344	53573.0	53573.0	53573.0	1	29
ICRF J125457.5 − 442456	1252 − 441	12 54 57.51308867	−44 24 56.6066545	0.00032030	0.0240419	−0.335	53126.1	53126.1	53126.1	1	8
ICRF J125458.9 + 085947	1252 + 092	12 54 58.95771792	08 59 47.5486060	0.00008550	0.0030618	−0.827	54088.1	54088.1	54088.1	1	17
ICRF J125531.7 + 181750	1253 + 185	12 55 31.75995251	18 17 50.9114250	0.00002722	0.0008392	0.116	50129.9	50085.5	50156.3	2	110
ICRF J125625.5 − 215521	1253 − 216	12 56 25.51122860	−21 55 21.1499093	0.00027368	0.0070578	−0.591	53561.9	53561.9	53561.9	1	10
ICRF J125731.7 + 795802	1256 + 802	12 57 31.72585453	79 58 02.4888150	0.00436884	0.0209007	0.298	50688.3	50688.3	50688.3	1	4
ICRF J125757.2 + 322929	1255 + 327	12 57 57.23184992	32 29 29.3261210	0.00001187	0.0003198	−0.445	50219.8	50219.8	50219.8	1	79
ICRF J125908.4 − 231038	1256 − 229	12 59 08.46203311	−23 10 38.6538333	0.00001082	0.0003721	−0.186	50661.8	50632.3	50688.3	2	154
ICRF J125912.6 − 243605	1256 − 243	12 59 12.62560696	−24 36 05.5035426	0.00003288	0.0010980	0.142	50658.4	50632.3	50688.3	2	90
ICRF J125931.1 + 514056	1257 + 519	12 59 31.17401831	51 40 56.2607603	0.00002792	0.0003986	0.118	53563.0	49577.0	54112.8	2	33
ICRF J130001.9 + 120622	1257 + 123	13 00 01.93884002	12 06 22.1194842	0.00005927	0.0012675	−0.306	49914.7	49914.7	49914.7	1	47
ICRF J130028.5 + 283010	1258 + 287	13 00 28.52995478	28 30 10.1889374	0.00003327	0.0005575	0.254	53126.1	53126.1	53126.1	1	58
ICRF J130036.4 + 082802	1258 + 087	13 00 36.43877573	08 28 02.8631452	0.00003208	0.0010023	−0.390	53503.7	53503.7	53503.7	1	37
ICRF J130041.0 + 141729	1258 + 145	13 00 41.03703841	14 17 29.4138162	0.00017323	0.0035980	−0.245	53560.8	53560.8	53560.8	1	4
ICRF J130041.2 + 502936	1258 + 507	13 00 41.24705877	50 29 36.7651226	0.00003328	0.0006919	−0.212	49909.1	49577.0	50306.3	2	123
ICRF J130132.6 + 463402	1259 + 468	13 01 32.60627648	46 34 02.9397625	0.00004079	0.0007580	0.227	53561.9	53561.9	53561.9	1	56
ICRF J130217.1 + 481917	1300 + 485	13 02 17.19610266	48 19 17.5740056	0.00002902	0.0005339	0.112	50306.3	50306.3	50306.3	1	72
ICRF J130237.9 + 690251	1300 + 693	13 02 37.92476239	69 02 51.6019507	0.00037249	0.0039013	0.484	49827.5	49827.5	49827.5	1	12
ICRF J130313.8 − 105117	1300 − 105	13 03 13.86795252	−10 51 17.1281751	0.00002199	0.0007003	0.246	50576.2	50576.2	50576.2	1	57
ICRF J130443.6 − 034602	1302 − 034	13 04 43.64224057	−03 46 02.5506865	0.00001927	0.0005910	−0.052	50576.2	50576.2	50576.2	1	64
ICRF J130500.0 + 785435	1304 + 791	13 05 00.01422030	78 54 35.7964708	0.00018686	0.0002402	0.181	50404.3	49827.5	50688.3	2	97
ICRF J130508.4 − 285042	1302 − 285	13 05 08.46858935	−28 50 42.0257439	0.00005617	0.0018394	0.367	50688.3	50688.3	50688.3	1	49
ICRF J130603.3 + 552943	1303 + 557	13 06 03.35109918	55 29 43.8597151	0.00029174	0.0022177	0.347	49577.0	49577.0	49577.0	1	11
ICRF J130632.6 − 171858	1303 − 170	13 06 32.66050737	−17 18 58.3883623	0.00002037	0.0007942	−0.063	50632.3	50632.3	50632.3	1	67
ICRF J130807.9 + 495753	1305 + 502	13 08 07.92425420	49 57 53.4696365	0.00005343	0.0007568	0.447	50306.3	50306.3	50306.3	1	52
ICRF J130815.5 + 040109	1305 + 042	13 08 15.55307644	04 01 09.3515738	0.00002789	0.0009826	−0.666	53126.1	53126.1	53126.1	1	61
ICRF J130832.7 − 245832	1305 − 247	13 08 32.72735700	−24 58 32.4086150	0.00007026	0.0025763	−0.822	54112.8	54112.8	54112.8	1	16
ICRF J130909.7 + 555738	1307 + 562	13 09 09.75440663	55 57 38.1962414	0.00004813	0.0010487	−0.159	49577.0	49577.0	49577.0	1	63
ICRF J130948.4 − 394833	1306 − 395	13 09 48.48830855	−39 48 33.0874354	0.00003171	0.0013879	−0.272	53523.9	53523.9	53523.9	1	39
ICRF J131053.5 + 465352	1308 + 471	13 10 53.59158980	46 53 52.2182849	0.00010218	0.0017777	0.383	50306.3	50306.3	50306.3	1	17
ICRF J131107.8 + 141746	1308 + 145	13 11 07.82434054	14 17 46.6481921	0.00007976	0.0016700	−0.446	50136.6	50085.5	50156.3	2	61
ICRF J131123.8 + 165844	1308 + 172	13 11 23.82009922	16 58 44.1904170	0.00015673	0.0050069	−0.872	50134.4	50085.5	50156.3	2	42
ICRF J131214.2 + 253113	1309 + 257	13 12 14.28887967	25 31 13.1751265	0.00012491	0.0023489	−0.385	53134.5	53134.5	53134.5	1	19
ICRF J131243.3 + 482830	1310 + 487	13 12 43.35368902	48 28 30.9408819	0.00005586	0.0007593	−0.011	50306.3	50306.3	50306.3	1	44
ICRF J131250.9 − 042449	1310 − 041	13 12 50.90124457	−04 24 49.8914608	0.00001898	0.0005876	0.054	50576.2	50576.2	50576.2	1	64

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J131301.4 − 272258	1310 − 271	13 13 01.42139924	−27 22 58.8433604	0.00023396	0.0079434	−0.183	50649.8	50632.3	50688.3	2	16
ICRF J131327.9 + 673550	1311 + 678	13 13 27.98631749	67 35 50.3816369	0.00087262	0.0045923	−0.396	52409.7	52409.7	52409.7	1	9
ICRF J131337.8 + 545823	1311 + 552	13 13 37.85316548	54 58 23.8993959	0.00010396	0.0012735	−0.188	53138.4	49577.0	54088.1	2	38
ICRF J131443.8 + 530627	1312 + 533	13 14 43.83056536	53 06 27.7306899	0.00007374	0.0013815	0.091	49577.0	49577.0	49577.0	1	39
ICRF J131501.8 + 122052	1312 + 126	13 15 01.85285439	12 20 52.6387284	0.00007541	0.0023358	−0.809	53561.9	53561.9	53561.9	1	35
ICRF J131513.4 + 284053	1312 + 289	13 15 13.49152475	28 40 53.6692629	0.00002514	0.0005485	0.082	53126.1	53126.1	53126.1	1	61
ICRF J131624.5 + 194704	1313 + 200	13 16 24.56800180	19 47 04.4615452	0.00023138	0.0028228	−0.071	50326.0	50085.5	54482.7	3	23
ICRF J131726.1 − 203138	1314 − 202	13 17 26.14895287	−20 31 38.1315793	0.00013627	0.0062265	−0.817	53134.5	53134.5	53134.5	1	19
ICRF J131736.5 − 134532	1314 − 134	13 17 36.53772316	−13 45 32.6513881	0.00002718	0.0008207	0.480	50576.2	50576.2	50576.2	1	63
ICRF J131739.1 + 411545	1315 + 415	13 17 39.19378543	41 15 45.6178549	0.00022462	0.0035740	0.538	53560.8	53560.8	53560.8	1	17
ICRF J131833.7 − 060723	1315 − 058	13 18 33.70943158	−06 07 23.8209095	0.00001477	0.0005078	−0.190	54112.8	54112.8	54112.8	1	48
ICRF J131912.0 − 121732	1316 − 120	13 19 12.07206631	−12 17 32.1284646	0.00001784	0.0005412	0.276	50576.2	50576.2	50576.2	1	64
ICRF J131931.6 − 123925	1316 − 123	13 19 31.66964077	−12 39 25.0754790	0.00002075	0.0007316	−0.503	53437.4	51449.7	53503.7	2	62
ICRF J131938.7 − 004939	1317 − 005	13 19 38.76617674	−00 49 39.9392130	0.00001976	0.0007666	0.185	53552.8	53552.8	53552.8	1	59
ICRF J132042.2 + 503607	1318 + 508	13 20 42.20809554	50 36 07.7987026	0.00060130	0.0024144	−0.492	51526.5	49577.0	54112.8	3	15
ICRF J132145.6 + 831613	1322 + 835	13 21 45.60966523	83 16 13.4229034	0.00075210	0.0006161	−0.327	50688.3	50688.3	50688.3	1	41
ICRF J132211.4 + 214812	1319 + 220	13 22 11.40359117	21 48 12.2790441	0.00002201	0.0005473	−0.300	54088.1	54088.1	54088.1	1	65
ICRF J132236.9 − 093737	1319 − 093	13 22 36.91264806	−09 37 37.7998687	0.00001205	0.0003974	−0.061	50576.2	50576.2	50576.2	1	64
ICRF J132255.6 + 391207	1320 + 394	13 22 55.66445939	39 12 07.9517199	0.00003961	0.0007870	0.447	53560.8	53560.8	53560.8	1	47
ICRF J132304.1 − 384900	1320 − 385	13 23 04.14839424	−38 49 00.6715446	0.00020299	0.0146840	0.244	53153.2	53153.2	53153.2	1	10
ICRF J132317.1 − 340712	1320 − 338	13 23 17.13884891	−34 07 12.3566227	0.00051273	0.0154133	0.409	53134.5	53134.5	53134.5	1	6
ICRF J132411.8 − 323535	1321 − 323	13 24 11.86076191	−32 35 35.5905735	0.00014640	0.0040955	0.886	52354.8	52306.7	52409.7	2	45
ICRF J132412.0 + 404811	1321 + 410	13 24 12.09560728	40 48 11.7633699	0.00003143	0.0005760	−0.174	50242.8	50242.8	50242.8	1	53
ICRF J132425.7 − 104923	1321 − 105	13 24 25.79313610	−10 49 23.1336086	0.00001728	0.0005713	0.082	50576.2	50576.2	50576.2	1	64
ICRF J132429.3 + 474320	1322 + 479	13 24 29.34245376	47 43 20.6235214	0.00006795	0.0009754	−0.202	50306.3	50306.3	50306.3	1	46
ICRF J132509.6 − 080448	1322 − 078	13 25 09.61552881	−08 04 48.3906732	0.00003785	0.0011677	−0.422	54112.8	54112.8	54112.8	1	30
ICRF J132513.2 − 111739	1322 − 110	13 25 13.21959038	−11 17 39.0815427	0.00002806	0.0012163	−0.402	54088.1	54088.1	54088.1	1	48
ICRF J132650.5 + 571206	1324 + 574	13 26 50.57262349	57 12 06.7491777	0.00048730	0.0055690	−0.641	49577.0	49577.0	49577.0	1	21
ICRF J132720.9 + 432627	1325 + 437	13 27 20.97900094	43 26 27.9892113	0.00002495	0.0004220	0.079	50242.8	50242.8	50242.8	1	74
ICRF J132725.1 + 500849	1325 + 504	13 27 25.12366986	50 08 49.1724957	0.00004672	0.0009258	0.148	50866.7	49577.0	54112.8	3	75
ICRF J132754.6 + 122309	1325 + 126	13 27 54.68300432	12 23 09.1781780	0.00001134	0.0003472	−0.306	53523.9	53523.9	53523.9	1	88
ICRF J133019.0 − 312259	1327 − 311	13 30 19.08405144	−31 22 59.1356190	0.00001846	0.0006462	−0.466	52365.6	52306.7	52409.7	2	119
ICRF J133111.6 − 263909	1328 − 263	13 31 11.69300444	−26 39 09.6166473	0.00011998	0.0051009	−0.688	53503.7	53503.7	53503.7	1	14
ICRF J133129.1 − 034114	1328 − 034	13 31 29.16143198	−03 41 14.1142889	0.00003474	0.0009085	0.031	53552.8	53552.8	53552.8	1	50
ICRF J133153.8 + 060823	1329 + 063	13 31 53.89716261	06 08 23.3919432	0.00004141	0.0008477	0.137	53126.1	53126.1	53126.1	1	42

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J133204.4 − 050943	1329 − 049	13 32 04.46467109	−05 09 43.3056052	0.00001676	0.0005069	0.139	50576.2	50576.2	50576.2	1	63
ICRF J133230.9 − 140213	1329 − 137	13 32 30.92911234	−14 02 13.1845888	0.00101009	0.0170664	0.699	53560.8	53560.8	53560.8	1	3
ICRF J133239.2 − 125615	1329 − 126	13 32 39.25138181	−12 56 15.3439146	0.00008634	0.0024606	0.623	53573.0	53573.0	53573.0	1	25
ICRF J133304.9 + 065231	1330 + 071	13 33 04.99695123	06 52 31.9703055	0.00002291	0.0006190	0.001	53134.5	53134.5	53134.5	1	65
ICRF J133307.4 + 272518	1330 + 276	13 33 07.49071645	27 25 18.3831331	0.00001514	0.0004277	−0.336	50219.8	50219.8	50219.8	1	77
ICRF J133338.9 − 235625	1330 − 236	13 33 38.92591420	−23 56 25.5777845	0.00070646	0.0371724	−0.982	54088.1	54088.1	54088.1	1	11
ICRF J133345.1 − 195042	1331 − 195	13 33 45.17566715	−19 50 42.3444485	0.00005891	0.0019615	−0.185	50661.1	50632.3	50688.3	2	33
ICRF J133404.1 − 115014	1331 − 115	13 34 04.19077328	−11 50 14.2712882	0.00002063	0.0006100	0.299	50576.2	50576.2	50576.2	1	57
ICRF J133511.9 + 025309	1332 + 031	13 35 11.90513258	02 53 09.5131210	0.00095858	0.0124217	−0.555	53126.1	53126.1	53126.1	1	3
ICRF J133521.9 + 454238	1333 + 459	13 35 21.96226191	45 42 38.2313896	0.00002815	0.0004291	−0.026	50306.3	50306.3	50306.3	1	64
ICRF J133525.9 + 584400	1333 + 589	13 35 25.92845073	58 44 00.2914463	0.00004438	0.0004719	−0.436	49577.0	49577.0	49577.0	1	115
ICRF J133556.4 − 051141	1333 − 049	13 35 56.47672928	−05 11 41.6594648	0.00002110	0.0006160	0.288	50576.2	50576.2	50576.2	1	64
ICRF J133608.2 − 082951	1333 − 082	13 36 08.25981435	−08 29 51.7973391	0.00001506	0.0005119	0.122	50576.2	50576.2	50576.2	1	64
ICRF J133634.3 − 185241	1333 − 186	13 36 34.39334121	−18 52 41.6751316	0.00003191	0.0010266	0.259	53560.8	53560.8	53560.8	1	53
ICRF J133901.7 − 240114	1336 − 237	13 39 01.74637183	−24 01 14.0053249	0.00001091	0.0003613	−0.106	50659.4	50632.3	50688.3	2	157
ICRF J133923.7 + 632858	1337 + 637	13 39 23.78306923	63 28 58.4252503	0.00016733	0.0012770	0.408	49827.5	49827.5	49827.5	1	63
ICRF J134004.6 − 013746	1337 − 013	13 40 04.61507053	−01 37 46.5436125	0.00002986	0.0008501	0.523	50576.2	50576.2	50576.2	1	54
ICRF J134036.0 + 360026	1338 + 362	13 40 36.00993900	36 00 26.7374888	0.00023011	0.0035875	0.676	54112.8	54112.8	54112.8	1	14
ICRF J134115.2 + 281605	1338 + 285	13 41 15.28274373	28 16 05.0771727	0.00002236	0.0006437	−0.514	50219.8	50219.8	50219.8	1	41
ICRF J134204.7 − 205129	1339 − 206	13 42 04.73950872	−20 51 29.5405515	0.00001785	0.0005729	−0.153	50659.0	50632.3	50688.3	2	134
ICRF J134208.3 + 270930	1339 + 274	13 42 08.37667394	27 09 30.6174497	0.00001496	0.0003771	−0.160	50219.8	50219.8	50219.8	1	73
ICRF J134300.5 + 685517	1341 + 691	13 43 00.55338324	68 55 17.1618641	0.00036600	0.0056643	0.547	52584.3	49827.5	54088.1	2	17
ICRF J134337.4 − 174755	1340 − 175	13 43 37.41425277	−17 47 55.4447862	0.00003207	0.0009267	0.049	50632.3	50632.3	50632.3	1	51
ICRF J134414.4 − 172340	1341 − 171	13 44 14.40246638	−17 23 40.3954921	0.00002811	0.0009177	−0.058	53573.0	53573.0	53573.0	1	80
ICRF J134533.1 + 445259	1343 + 451	13 45 33.17245371	44 52 59.5730336	0.00002256	0.0004143	0.135	53561.9	53561.9	53561.9	1	82
ICRF J134536.9 + 382312	1343 + 386	13 45 36.94294248	38 23 12.4239845	0.00077129	0.0065278	0.556	54112.8	54112.8	54112.8	1	5
ICRF J134549.3 + 070631	1343 + 073	13 45 49.31478391	07 06 31.1212682	0.00004987	0.0013326	0.224	53560.8	53560.8	53560.8	1	37
ICRF J134551.5 − 301504	1343 − 300	13 45 51.51994433	−30 15 04.5933858	0.00013881	0.0040350	0.565	52306.7	52306.7	52306.7	1	27
ICRF J134723.4 + 183537	1344 + 188	13 47 23.49018528	18 35 37.5736304	0.00001686	0.0005511	−0.161	50130.1	50085.5	50156.3	2	205
ICRF J134731.4 + 055233	1345 + 061	13 47 31.44480279	05 52 33.8042092	0.00022479	0.0057249	−0.246	53134.5	53134.5	53134.5	1	4
ICRF J134740.4 − 375036	1344 − 375	13 47 40.42893711	−37 50 36.6203399	0.00004707	0.0014092	0.017	53153.2	53153.2	53153.2	1	16
ICRF J134931.4 − 113253	1346 − 113	13 49 31.44325188	−11 32 53.8301425	0.00002118	0.0006346	0.277	50576.2	50576.2	50576.2	1	63
ICRF J135014.0 − 220441	1347 − 218	13 50 14.09008064	−22 04 41.0775377	0.00004861	0.0014079	0.244	50660.0	50632.3	50688.3	2	85
ICRF J135022.1 + 094010	1347 + 099	13 50 22.13601733	09 40 10.6554607	0.00010604	0.0016112	0.380	49914.7	49914.7	49914.7	1	47
ICRF J135036.1 − 163449	1347 − 163	13 50 36.14439490	−16 34 49.5063543	0.00103085	0.0132280	0.919	53561.9	53561.9	53561.9	1	4

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J135045.6 + 233145	1348 + 237	13 50 45.65837834	23 31 45.1588921	0.00005306	0.0007923	−0.001	53126.1	53126.1	53126.1	1	42
ICRF J135116.9 + 083039	1348 + 087	13 51 16.91908181	08 30 39.9035510	0.00000961	0.0002931	0.070	53126.1	53126.1	53126.1	1	89
ICRF J135146.8 − 291217	1348 − 289	13 51 46.83880696	−29 12 17.6506481	0.00004542	0.0013417	−0.852	53126.1	53126.1	53126.1	1	43
ICRF J135152.6 − 144914	1349 − 145	13 51 52.64961047	−14 49 14.5557034	0.00001586	0.0006461	−0.206	50632.3	50632.3	50632.3	1	78
ICRF J135228.0 − 274507	1349 − 275	13 52 28.04619309	−27 45 07.1341079	0.00037560	0.0162044	−0.814	53573.0	53573.0	53573.0	1	14
ICRF J135323.1 + 753257	1352 + 757	13 53 23.16806021	75 32 57.7349913	0.00020019	0.0008514	0.526	49827.5	49827.5	49827.5	1	33
ICRF J135351.5 + 015153	1351 + 021	13 53 51.58444580	01 51 53.8913367	0.00015728	0.0042123	0.740	53560.8	53560.8	53560.8	1	19
ICRF J135605.3 − 342110	1353 − 341	13 56 05.38667312	−34 21 10.8602774	0.00006115	0.0018786	−0.578	52306.7	52306.7	52306.7	1	29
ICRF J135606.9 − 172431	1353 − 171	13 56 06.95289699	−17 24 31.8125376	0.00050651	0.0184509	−0.787	53573.0	53573.0	53573.0	1	11
ICRF J135646.8 − 110129	1354 − 107	13 56 46.83215922	−11 01 29.2189235	0.00035802	0.0044180	0.783	53561.9	53561.9	53561.9	1	16
ICRF J135740.5 + 435359	1355 + 441	13 57 40.59226022	43 53 59.7686434	0.00005588	0.0005164	−0.089	52409.7	52409.7	52409.7	1	64
ICRF J135822.4 + 111932	1355 + 115	13 58 22.41967754	11 19 32.9183971	0.00004028	0.0010275	−0.093	53560.8	53560.8	53560.8	1	44
ICRF J135840.6 + 473758	1356 + 478	13 58 40.66635882	47 37 58.3107113	0.00005723	0.0007220	0.055	53561.9	53561.9	53561.9	1	46
ICRF J135938.0 + 401138	1357 + 404	13 59 38.09427387	40 11 38.2505156	0.00001530	0.0003433	−0.248	50242.8	50242.8	50242.8	1	81
ICRF J140003.8 − 185811	1357 − 187	14 00 03.86600400	−18 58 11.0863676	0.00001599	0.0005713	−0.195	53523.9	53523.9	53523.9	1	88
ICRF J140028.6 + 621038	1358 + 624	14 00 28.64868162	62 10 38.5884658	0.00014865	0.0013317	−0.524	52409.7	52409.7	52409.7	1	22
ICRF J140105.3 − 091631	1358 − 090	14 01 05.33183064	−09 16 31.5721888	0.00001973	0.0006762	−0.332	50576.2	50576.2	50576.2	1	72
ICRF J140134.9 − 300436	1358 − 298	14 01 34.93938286	−30 04 36.8696244	0.00009683	0.0030958	0.564	53126.1	53126.1	53126.1	1	17
ICRF J140145.6 + 583542	1400 + 588	14 01 45.69997963	58 35 42.2654807	0.00036098	0.0030547	−0.659	54057.1	53561.9	54088.1	2	17
ICRF J140202.4 − 282225	1359 − 281	14 02 02.40170255	−28 22 25.1441527	0.00002850	0.0010734	−0.192	50688.3	50688.3	50688.3	1	52
ICRF J140248.5 − 184047	1400 − 184	14 02 48.50452666	−18 40 47.4902677	0.00001708	0.0005986	0.103	54112.8	54112.8	54112.8	1	62
ICRF J140405.2 + 655137	1402 + 660	14 04 05.27906154	65 51 37.5833503	0.00012409	0.0010705	−0.362	52409.7	52409.7	52409.7	1	33
ICRF J140412.1 − 001325	1401 + 000	14 04 12.12397300	−00 13 25.0912202	0.00001303	0.0003691	−0.044	50576.2	50576.2	50576.2	1	70
ICRF J140432.9 + 072846	1402 + 077	14 04 32.99234126	07 28 46.9641917	0.00003109	0.0008345	0.514	53560.8	53560.8	53560.8	1	53
ICRF J140507.7 + 405657	1403 + 411	14 05 07.79545804	40 56 57.8308378	0.00001442	0.0002765	−0.148	53126.1	53126.1	53126.1	1	90
ICRF J140532.8 − 144018	1402 − 144	14 05 32.86734195	−14 40 18.2960663	0.00002056	0.0009183	−0.341	50576.2	50576.2	50576.2	1	61
ICRF J140600.7 − 084806	1403 − 085	14 06 00.70184402	−08 48 06.8804610	0.00001595	0.0005027	−0.373	50576.2	50576.2	50576.2	1	66
ICRF J140636.5 + 782810	1406 + 787	14 06 36.56696136	78 28 10.4062200	0.00024116	0.0005023	−0.369	50205.6	49827.5	50688.3	2	107
ICRF J140653.8 + 343337	1404 + 347	14 06 53.84724960	34 33 37.3065549	0.00001830	0.0005202	−0.323	50219.8	50219.8	50219.8	1	76
ICRF J140729.7 − 270104	1404 − 267	14 07 29.76224452	−27 01 04.2931696	0.00010839	0.0029598	0.165	50657.7	50632.3	50688.3	2	55
ICRF J140819.0 + 685450	1407 + 691	14 08 19.07555510	68 54 50.8275993	0.00039042	0.0025073	0.111	49827.5	49827.5	49827.5	1	24
ICRF J140849.6 − 290023	1405 − 287	14 08 49.61370243	−29 00 23.6085268	0.00002017	0.0006603	0.197	50688.3	50688.3	50688.3	1	63
ICRF J140911.9 − 231549	1406 − 230	14 09 11.97617469	−23 15 49.6122223	0.00008445	0.0028654	−0.311	50658.1	50632.3	50688.3	2	50
ICRF J141004.6 + 020306	1407 + 022	14 10 04.65597093	02 03 06.9123127	0.00001083	0.0003603	0.044	53134.5	53134.5	53134.5	1	81
ICRF J141035.0 + 073121	1408 + 077	14 10 35.07534615	07 31 21.4897484	0.00007884	0.0017250	−0.584	49914.7	49914.7	49914.7	1	50

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J141114.5 + 370535	1409 + 373	14 11 14.51611166	37 05 35.6242707	0.00004619	0.0011641	−0.674	53573.0	53573.0	53573.0	1	61
ICRF J141236.3 + 133438	1410 + 138	14 12 36.37264534	13 34 38.1531137	0.00003421	0.0009914	−0.508	50131.9	50085.5	50156.3	2	136
ICRF J141520.8 − 095558	1412 − 097	14 15 20.83448341	−09 55 58.3204503	0.00059153	0.0097031	0.792	53561.9	53561.9	53561.9	1	6
ICRF J141528.4 + 370621	1413 + 373	14 15 28.46679519	37 06 21.1623683	0.00003196	0.0005207	−0.315	50242.8	50242.8	50242.8	1	59
ICRF J141634.3 − 170545	1413 − 168	14 16 34.36981105	−17 05 45.7343549	0.00003487	0.0011585	−0.181	53560.8	53560.8	53560.8	1	47
ICRF J141708.1 + 460705	1415 + 463	14 17 08.16131810	46 07 05.4483392	0.00004022	0.0005603	0.283	50306.3	50306.3	50306.3	1	56
ICRF J141858.9 − 350942	1415 − 349	14 18 58.91692862	−35 09 42.5070788	0.00003194	0.0010289	−0.102	53134.5	53134.5	53134.5	1	24
ICRF J141949.7 − 192825	1417 − 192	14 19 49.73876994	−19 28 25.2672042	0.00001063	0.0003580	−0.043	50661.6	50632.3	50688.3	2	172
ICRF J142000.3 + 372134	1417 + 375	14 20 00.34105735	37 21 34.6596095	0.00002664	0.0004074	0.088	53134.5	53134.5	53134.5	1	69
ICRF J142107.7 − 064356	1418 − 065	14 21 07.75559474	−06 43 56.3556985	0.00004216	0.0010187	0.564	50576.2	50576.2	50576.2	1	53
ICRF J142123.0 + 464547	1419 + 469	14 21 23.07297765	46 45 47.9870029	0.00004581	0.0007114	0.178	50306.3	50306.3	50306.3	1	56
ICRF J142306.1 + 480210	1421 + 482	14 23 06.15677124	48 02 10.8454822	0.00010569	0.0010830	0.036	50306.3	50306.3	50306.3	1	41
ICRF J142314.1 + 505537	1421 + 511	14 23 14.18656237	50 55 37.2829829	0.00016012	0.0025037	−0.570	50306.3	50306.3	50306.3	1	19
ICRF J142340.8 − 221817	1420 − 220	14 23 40.81029268	−22 18 17.5160213	0.00009256	0.0026926	0.203	53503.7	53503.7	53503.7	1	33
ICRF J142416.0 − 140702	1421 − 138	14 24 16.03503689	−14 07 02.9971162	0.00010498	0.0024624	0.167	53560.8	53560.8	53560.8	1	16
ICRF J142437.0 + 470556	1422 + 473	14 24 37.07980441	47 05 56.6982741	0.00007113	0.0013253	−0.062	50306.3	50306.3	50306.3	1	40
ICRF J142523.0 − 251306	1422 − 249	14 25 23.03739624	−25 13 06.9708319	0.00002427	0.0007639	−0.373	53134.5	53134.5	53134.5	1	65
ICRF J142741.3 − 330531	1424 − 328	14 27 41.36105531	−33 05 31.5050843	0.00002568	0.0011957	−0.180	53830.0	53126.1	54088.1	2	41
ICRF J143009.7 + 104326	1427 + 109	14 30 09.73878998	10 43 26.8621725	0.00001219	0.0003631	0.048	49914.7	49914.7	49914.7	1	89
ICRF J143120.5 + 395241	1429 + 400	14 31 20.53840891	39 52 41.5300707	0.00002050	0.0005645	−0.270	50242.8	50242.8	50242.8	1	85
ICRF J143321.4 − 154844	1430 − 155	14 33 21.45931287	−15 48 44.6874624	0.00000880	0.0002732	−0.084	50632.3	50632.3	50632.3	1	90
ICRF J143405.6 + 420315	1432 + 422	14 34 05.69448171	42 03 15.9916072	0.00001711	0.0003670	−0.229	50242.8	50242.8	50242.8	1	90
ICRF J143421.1 − 114619	1431 − 115	14 34 21.13589848	−11 46 19.5117449	0.00003368	0.0012438	−0.677	53503.7	53503.7	53503.7	1	51
ICRF J143539.9 − 041455	1433 − 040	14 35 39.90459637	−04 14 55.2992329	0.00017341	0.0043769	0.328	53153.2	53153.2	53153.2	1	16
ICRF J143547.1 + 760525	1436 + 763	14 35 47.10019981	76 05 25.8310149	0.00094952	0.0052781	0.195	52464.6	49827.5	54112.8	2	13
ICRF J143828.5 + 441812	1436 + 445	14 38 28.50447729	44 18 12.0715105	0.00004957	0.0007953	0.045	50306.3	50306.3	50306.3	1	51
ICRF J143844.7 + 621154	1437 + 624	14 38 44.78300209	62 11 54.4367932	0.00013500	0.0010100	−0.656	52409.7	52409.7	52409.7	1	28
ICRF J143908.9 + 211450	1436 + 214	14 39 08.90236356	21 14 50.8220142	0.00009807	0.0014259	0.302	53560.8	53560.8	53560.8	1	17
ICRF J143946.9 + 495805	1438 + 501	14 39 46.97621664	49 58 05.4553416	0.00002913	0.0004558	0.074	50306.3	50306.3	50306.3	1	71
ICRF J143956.8 − 153150	1437 − 153	14 39 56.87204418	−15 31 50.5552715	0.00001068	0.0003492	−0.051	50632.3	50632.3	50632.3	1	86
ICRF J144022.3 + 382013	1438 + 385	14 40 22.33609876	38 20 13.6163529	0.00001226	0.0002844	−0.201	50242.8	50242.8	50242.8	1	90
ICRF J144033.6 + 012705	1438 + 016	14 40 33.64696189	01 27 05.2099848	0.00004767	0.0012879	−0.309	53523.9	53523.9	53523.9	1	29
ICRF J144059.4 + 015744	1438 + 021	14 40 59.49586979	01 57 44.1524295	0.00002031	0.0006545	−0.014	53561.9	53561.9	53561.9	1	76
ICRF J144119.8 − 330324	1438 − 328	14 41 19.89355847	−33 03 24.3990603	0.00002775	0.0008898	0.134	53134.5	53134.5	53134.5	1	29
ICRF J144123.9 − 345645	1438 − 347	14 41 23.97019735	−34 56 45.9531524	0.00022865	0.0115501	−0.596	53126.1	53126.1	53126.1	1	11

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J144145.4 − 152336	1438 − 151	14 41 45.41726989	−15 23 36.2659097	0.00004342	0.0015641	−0.139	53560.8	53560.8	53560.8	1	35
ICRF J144158.6 + 631833	1440 + 635	14 41 58.66928807	63 18 33.4377902	0.00066459	0.0052869	0.860	49827.5	49827.5	49827.5	1	22
ICRF J144200.1 + 323420	1439 + 327	14 42 00.13898661	32 34 20.3011013	0.00002607	0.0006599	−0.123	50219.8	50219.8	50219.8	1	64
ICRF J144850.3 + 040219	1446 + 042	14 48 50.36110965	04 02 19.8924767	0.00016807	0.0030703	0.644	49914.7	49914.7	49914.7	1	38
ICRF J144851.1 − 112215	1446 − 111	14 48 51.16009993	−11 22 15.7379281	0.00007337	0.0024639	0.703	50576.2	50576.2	50576.2	1	23
ICRF J144916.5 − 004519	1446 − 005	14 49 16.59031366	−00 45 19.2293378	0.00004423	0.0011494	−0.284	53503.7	53503.7	53503.7	1	45
ICRF J145031.1 + 091027	1448 + 093	14 50 31.16895090	09 10 27.9553279	0.00002223	0.0006983	−0.386	49914.7	49914.7	49914.7	1	113
ICRF J145102.5 − 232931	1448 − 232	14 51 02.50956771	−23 29 31.0960889	0.00048506	0.0228236	−0.893	53573.0	53573.0	53573.0	1	13
ICRF J145131.4 + 134324	1449 + 139	14 51 31.49101145	13 43 24.0013881	0.00011304	0.0013353	0.175	52319.1	50085.5	53134.5	3	22
ICRF J145147.4 − 012735	1449 − 012	14 51 47.41230347	−01 27 35.3075747	0.00001513	0.0004939	−0.495	50576.2	50576.2	50576.2	1	68
ICRF J145157.3 + 635719	1450 + 641	14 51 57.36293710	63 57 19.1976817	0.00037290	0.0023303	−0.604	54088.1	54088.1	54088.1	1	10
ICRF J145224.6 + 452223	1450 + 455	14 52 24.67427631	45 22 23.6686631	0.00018125	0.0028354	−0.762	50306.3	50306.3	50306.3	1	12
ICRF J145318.5 + 350539	1451 + 352	14 53 18.54532135	35 05 39.3652358	0.00007236	0.0022189	−0.007	53573.0	53573.0	53573.0	1	24
ICRF J145344.2 − 252247	1450 − 251	14 53 44.21897490	−25 22 47.5037589	0.00003679	0.0011971	−0.290	53560.8	53560.8	53560.8	1	57
ICRF J145344.2 + 102557	1451 + 106	14 53 44.24109282	10 25 57.5645277	0.00003266	0.0008197	0.011	53561.9	53561.9	53561.9	1	56
ICRF J145359.7 + 091543	1451 + 094	14 53 59.73233558	09 15 43.3291041	0.00031167	0.0057919	−0.351	53560.8	53560.8	53560.8	1	5
ICRF J145402.4 − 340057	1450 − 338	14 54 02.47338565	−34 00 57.2128973	0.00010336	0.0042095	0.464	52367.6	52306.7	52409.7	2	44
ICRF J145420.8 + 162424	1452 + 166	14 54 20.85504763	16 24 24.3709727	0.00001495	0.0005039	−0.123	53523.9	53523.9	53523.9	1	76
ICRF J145432.2 + 295558	1452 + 301	14 54 32.29763804	29 55 58.0426584	0.00062348	0.0185408	0.478	53561.9	53561.9	53561.9	1	5
ICRF J145446.6 − 250512	1451 − 248	14 54 46.69899773	−25 05 12.4915384	0.00012290	0.0048549	−0.642	50664.3	50632.3	50688.3	2	28
ICRF J145502.8 − 170013	1452 − 168	14 55 02.81063896	−17 00 13.9532871	0.00009863	0.0024512	0.039	50632.3	50632.3	50632.3	1	38
ICRF J145531.8 + 213139	1453 + 217	14 55 31.84630957	21 31 39.1761759	0.00002072	0.0005150	0.036	53126.1	53126.1	53126.1	1	74
ICRF J145554.1 + 443137	1454 + 447	14 55 54.13576336	44 31 37.6549248	0.00005980	0.0009887	−0.252	50306.3	50306.3	50306.3	1	47
ICRF J145608.1 + 504836	1454 + 510	14 56 08.11965636	50 48 36.3004356	0.00023678	0.0016791	0.379	49703.8	49577.0	50306.3	2	46
ICRF J145738.1 + 074954	1455 + 080	14 57 38.12871198	07 49 54.7151602	0.00001988	0.0005747	−0.049	49914.7	49914.7	49914.7	1	121
ICRF J145752.5 + 093816	1455 + 098	14 57 52.53173310	09 38 16.5469519	0.00042097	0.0115609	−0.823	53573.0	53573.0	53573.0	1	12
ICRF J145844.7 + 372021	1456 + 375	14 58 44.79444036	37 20 21.6227595	0.00002901	0.0006617	−0.273	50242.8	50242.8	50242.8	1	76
ICRF J145915.7 − 365547	1456 − 367	14 59 15.76380563	−36 55 47.9384597	0.00006240	0.0018901	−0.320	52362.2	52306.7	52409.7	2	26
ICRF J145935.4 + 444207	1457 + 449	14 59 35.45806934	44 42 07.9193695	0.00002891	0.0006247	0.327	53560.8	53560.8	53560.8	1	67
ICRF J150034.0 + 083941	1458 + 088	15 00 34.00391712	08 39 41.8112741	0.00043369	0.0128156	0.513	54112.8	54112.8	54112.8	1	3
ICRF J150051.8 − 235820	1457 − 237	15 00 51.88920903	−23 58 20.1878730	0.00027285	0.0137333	−0.661	53573.0	53573.0	53573.0	1	21
ICRF J150134.7 − 391839	1458 − 391	15 01 34.75807184	−39 18 39.4359679	0.00012060	0.0036160	0.821	52371.5	52306.7	52409.7	2	27
ICRF J150225.0 − 150852	1459 − 149	15 02 25.01748119	−15 08 52.5199923	0.00003495	0.0012660	−0.173	53560.8	53560.8	53560.8	1	42
ICRF J150300.8 + 091758	1500 + 094	15 03 00.89950754	09 17 58.9828183	0.00003969	0.0008709	0.111	54088.1	54088.1	54088.1	1	40
ICRF J150328.8 + 041948	1500 + 045	15 03 28.88770857	04 19 48.9920008	0.00002425	0.0007822	−0.361	53561.9	53561.9	53561.9	1	72

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J150407.5 + 324921	1502 + 330	15 04 07.52536068	32 49 21.1822508	0.00006819	0.0010427	0.156	50219.8	50219.8	50219.8	1	39
ICRF J150426.6 + 285430	1502 + 291	15 04 26.69653456	28 54 30.5420493	0.00003740	0.0011268	0.158	50219.8	50219.8	50219.8	1	46
ICRF J150603.0 − 091912	1503 − 091	15 06 03.03499517	−09 19 12.0547285	0.00014592	0.0037156	0.195	50576.2	50576.2	50576.2	1	20
ICRF J150624.7 + 831928	1510 + 835	15 06 24.71517432	83 19 28.0360498	0.00054701	0.0007583	−0.395	50688.3	50688.3	50688.3	1	26
ICRF J150644.1 + 493355	1505 + 497	15 06 44.11436046	49 33 55.8037786	0.00003747	0.0005300	−0.539	50306.3	50306.3	50306.3	1	53
ICRF J150711.6 + 511716	1505 + 514	15 07 11.61558262	51 17 16.8628554	0.00003990	0.0005321	−0.056	51905.8	49577.0	54112.8	3	80
ICRF J150721.7 + 123629	1504 + 127	15 07 21.75813833	12 36 29.0757014	0.00002438	0.0007490	−0.206	53560.8	53560.8	53560.8	1	59
ICRF J150759.7 + 041511	1505 + 044	15 07 59.73243486	04 15 11.9848917	0.00001353	0.0004633	0.092	52306.7	52306.7	52306.7	1	63
ICRF J150835.7 − 154831	1505 − 156	15 08 35.70158345	−15 48 31.5315396	0.00002087	0.0007259	−0.272	53561.9	53561.9	53561.9	1	87
ICRF J150852.9 − 303629	1505 − 304	15 08 52.99311804	−30 36 29.4297787	0.00010065	0.0029806	−0.893	53126.1	53126.1	53126.1	1	22
ICRF J150910.1 + 161127	1506 + 163	15 09 10.11183266	16 11 27.7358392	0.00002315	0.0008167	−0.384	53126.1	53126.1	53126.1	1	57
ICRF J150920.5 − 073548	1506 − 074	15 09 20.55347599	−07 35 48.1766806	0.00012259	0.0024591	0.054	53573.0	53573.0	53573.0	1	31
ICRF J151141.2 + 051809	1509 + 054	15 11 41.26654675	05 18 09.2597600	0.00001546	0.0004449	0.077	52306.7	52306.7	52306.7	1	64
ICRF J151340.1 + 233835	1511 + 238	15 13 40.18557873	23 38 35.2001872	0.00007348	0.0010975	−0.349	50125.6	50085.5	50156.3	2	83
ICRF J151356.9 − 211457	1511 − 210	15 13 56.97012650	−21 14 57.5069126	0.00000764	0.0002652	−0.048	50659.0	50632.3	50688.3	2	170
ICRF J151434.7 + 025248	1512 + 030	15 14 34.73449274	02 52 48.5084503	0.00002325	0.0006903	0.131	53560.8	53560.8	53560.8	1	56
ICRF J151944.7 − 115144	1517 − 116	15 19 44.78405646	−11 51 44.5272013	0.00002468	0.0008436	0.133	53560.8	53560.8	53560.8	1	68
ICRF J152102.7 + 785830	1522 + 791	15 21 02.79811695	78 58 30.2597177	0.00037400	0.0006579	−0.542	50666.8	49827.5	50688.3	2	40
ICRF J152114.4 + 043021	1518 + 046	15 21 14.41938394	04 30 21.6599319	0.00024030	0.0052682	0.553	49914.7	49914.7	49914.7	1	17
ICRF J152117.5 + 175601	1519 + 181	15 21 17.57923190	17 56 01.0684039	0.00062711	0.0035620	−0.150	54112.8	54112.8	54112.8	1	6
ICRF J152122.5 + 042030	1518 + 045	15 21 22.54358418	04 20 30.1332094	0.00021594	0.0073239	0.921	49914.7	49914.7	49914.7	1	8
ICRF J152433.4 − 301221	1521 − 300	15 24 33.41448621	−30 12 21.3405910	0.00015162	0.0049809	0.948	53134.5	53134.5	53134.5	1	17
ICRF J152502.9 + 110744	1522 + 113	15 25 02.93402258	11 07 44.0603393	0.00013683	0.0037991	−0.174	49914.7	49914.7	49914.7	1	13
ICRF J152615.0 − 042510	1523 − 042	15 26 15.01469930	−04 25 10.0592097	0.00008673	0.0021365	0.535	53561.9	53561.9	53561.9	1	30
ICRF J152659.4 − 135100	1524 − 136	15 26 59.44069997	−13 51 00.1637585	0.00016093	0.0038587	−0.332	50576.2	50576.2	50576.2	1	17
ICRF J152718.7 + 311524	1525 + 314	15 27 18.73704374	31 15 24.3861629	0.00007115	0.0010323	0.130	50219.8	50219.8	50219.8	1	37
ICRF J153016.2 + 375831	1528 + 381	15 30 16.25221108	37 58 31.1652711	0.00007034	0.0013800	−0.639	54112.8	54112.8	54112.8	1	24
ICRF J153133.5 + 720641	1531 + 722	15 31 33.57848153	72 06 41.2271401	0.00012359	0.0005219	0.413	49827.5	49827.5	49827.5	1	94
ICRF J153202.5 − 271637	1529 − 271	15 32 02.57169258	−27 16 37.9188587	0.00002903	0.0010004	−0.413	53560.8	53560.8	53560.8	1	50
ICRF J153243.3 + 675514	1532 + 680	15 32 43.34219784	67 55 14.0099165	0.00080312	0.0065434	0.946	53662.0	49827.5	54088.1	2	20
ICRF J153245.3 − 131910	1529 − 131	15 32 45.37476882	−13 19 10.0862059	0.00002875	0.0008574	0.028	53573.0	53573.0	53573.0	1	67
ICRF J153246.3 + 234405	1530 + 239	15 32 46.34520969	23 44 05.2682470	0.00001155	0.0002854	0.040	53126.1	53126.1	53126.1	1	90
ICRF J153314.2 − 042116	1530 − 041	15 33 14.20533366	−04 21 16.6287101	0.00004003	0.0014707	0.106	53523.9	53523.9	53523.9	1	28
ICRF J153423.5 − 221854	1531 − 221	15 34 23.52795100	−22 18 54.3415506	0.00009042	0.0030718	−0.362	53554.8	53552.8	53561.9	2	36
ICRF J153514.6 + 483659	1533 + 487	15 35 14.65336322	48 36 59.6948622	0.00020569	0.0012190	−0.466	50306.3	50306.3	50306.3	1	26

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J153516.5 + 195450	1533 + 200	15 35 16.53387405	19 54 50.9050393	0.00014698	0.0022817	0.045	53134.5	53134.5	53134.5	1	19
ICRF J153552.0 + 495739	1534 + 501	15 35 52.03896163	49 57 39.0795183	0.00006149	0.0008663	−0.642	50306.3	50306.3	50306.3	1	46
ICRF J153556.1 + 832615	1541 + 835	15 35 56.12668366	83 26 15.2467937	0.00038981	0.0007616	−0.612	53560.8	53560.8	53560.8	1	49
ICRF J153613.8 + 383328	1534 + 387	15 36 13.84617958	38 33 28.6059502	0.00002707	0.0005189	−0.127	53523.9	53523.9	53523.9	1	69
ICRF J153654.4 − 315115	1533 − 316	15 36 54.49825639	−31 51 15.1354577	0.00009361	0.0033832	−0.765	53465.0	53126.1	53503.7	2	39
ICRF J153741.5 − 152712	1534 − 152	15 37 41.57313350	−15 27 12.4998620	0.00001286	0.0004530	−0.292	53540.4	53523.9	53560.8	2	159
ICRF J153820.3 − 034614	1535 − 036	15 38 20.35160307	−03 46 14.3129100	0.00031362	0.0059739	0.704	53153.2	53153.2	53153.2	1	9
ICRF J153905.2 + 053438	1536 + 057	15 39 05.20652735	05 34 38.4381182	0.00033516	0.0068668	0.828	53561.9	53561.9	53561.9	1	10
ICRF J153910.1 + 043051	1536 + 046	15 39 10.10497763	04 30 51.2298671	0.00001652	0.0005081	−0.068	53126.1	53126.1	53126.1	1	63
ICRF J153916.1 + 310407	1537 + 312	15 39 16.17446096	31 04 07.6741353	0.00006748	0.0009767	−0.287	53573.0	53573.0	53573.0	1	52
ICRF J153925.0 + 160400	1537 + 162	15 39 25.09904504	16 04 00.3404309	0.00003034	0.0008450	−0.138	50139.3	50085.5	50156.3	2	104
ICRF J153939.1 + 274438	1537 + 279	15 39 39.13710673	27 44 38.2143684	0.00004015	0.0012217	−0.303	50219.8	50219.8	50219.8	1	46
ICRF J154003.1 − 082325	1537 − 082	15 40 03.15245985	−08 23 25.5029217	0.00016210	0.0031485	0.085	53560.8	53560.8	53560.8	1	15
ICRF J154034.5 − 390617	1537 − 389	15 40 34.55079295	−39 06 17.7494970	0.00100271	0.0431424	−0.256	53552.8	53552.8	53552.8	1	4
ICRF J154200.0 − 111852	1539 − 111	15 42 00.03426169	−11 18 52.9044996	0.00010289	0.0024854	0.013	53561.9	53561.9	53561.9	1	30
ICRF J154256.9 + 612955	1542 + 616	15 42 56.94376405	61 29 55.3456743	0.00040846	0.0020561	−0.740	53503.7	53503.7	53503.7	1	18
ICRF J154301.6 − 075706	1540 − 077	15 43 01.68756006	−07 57 06.6299321	0.00014446	0.0023468	0.756	50576.2	50576.2	50576.2	1	21
ICRF J154405.6 + 324048	1542 + 328	15 44 05.65663413	32 40 48.3209937	0.00002781	0.0005852	−0.499	50219.8	50219.8	50219.8	1	77
ICRF J154414.1 − 231201	1541 − 230	15 44 14.17803774	−23 12 01.3471102	0.00020543	0.0074476	0.869	53573.0	53573.0	53573.0	1	20
ICRF J154459.4 + 040746	1542 + 042	15 44 59.42730546	04 07 46.3564973	0.00008977	0.0022718	−0.275	49914.7	49914.7	49914.7	1	35
ICRF J154502.8 + 513500	1543 + 517	15 45 02.82368175	51 35 00.8731988	0.00001862	0.0003416	−0.298	49828.0	49577.0	50306.3	2	186
ICRF J154508.5 + 475154	1543 + 480	15 45 08.52982479	47 51 54.6640193	0.00004029	0.0006147	−0.435	50306.3	50306.3	50306.3	1	47
ICRF J154543.8 + 540042	1544 + 541	15 45 43.82575612	54 00 42.7596859	0.00009542	0.0014579	−0.107	53560.8	53560.8	53560.8	1	28
ICRF J154609.5 + 002624	1543 + 005	15 46 09.53145924	00 26 24.6139961	0.00001544	0.0004965	0.008	49914.7	49914.7	49914.7	1	117
ICRF J154741.2 − 094333	1544 − 095	15 47 41.28571021	−09 43 33.0007368	0.00007415	0.0019588	−0.297	53561.9	53561.9	53561.9	1	32
ICRF J154812.9 − 121331	1545 − 120	15 48 12.93930469	−12 13 31.3230637	0.00014382	0.0025521	0.658	50576.2	50576.2	50576.2	1	26
ICRF J155029.8 − 053811	1547 − 054	15 50 29.84754924	−05 38 11.0150884	0.00019836	0.0046067	−0.367	53573.0	53573.0	53573.0	1	29
ICRF J155043.5 + 112047	1548 + 114	15 50 43.59477275	11 20 47.4553029	0.00003112	0.0009932	−0.413	53134.5	53134.5	53134.5	1	65
ICRF J155114.5 − 175502	1548 − 177	15 51 14.59824793	−17 55 02.3270908	0.00017075	0.0052376	−0.349	53153.2	53153.2	53153.2	1	15
ICRF J155158.2 + 580644	1550 + 582	15 51 58.20783817	58 06 44.4537409	0.00010316	0.0016226	−0.211	49577.0	49577.0	49577.0	1	43
ICRF J155203.2 + 085047	1549 + 089	15 52 03.26163998	08 50 47.3353877	0.00003630	0.0009838	−0.334	53560.8	53560.8	53560.8	1	43
ICRF J155331.6 − 242206	1550 − 242	15 53 31.62781211	−24 22 06.0354224	0.00000804	0.0002595	−0.047	50713.3	50632.3	54907.7	4	155
ICRF J155530.7 − 032649	1552 − 033	15 55 30.74815106	−03 26 49.5199764	0.00001626	0.0005407	0.031	50576.2	50576.2	50576.2	1	72
ICRF J155543.0 + 111124	1553 + 113	15 55 43.04401221	11 11 24.3658424	0.00002472	0.0007461	−0.037	49914.7	49914.7	49914.7	1	100
ICRF J155654.8 + 182513	1554 + 185	15 56 54.81670401	18 25 13.5763950	0.00040271	0.0041075	0.072	53573.0	53573.0	53573.0	1	9

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J155752.7 + 025327	1555 + 030	15 57 52.76342406	02 53 27.8785806	0.00011552	0.0046242	−0.471	53560.8	53560.8	53560.8	1	17
ICRF J155848.2 + 562514	1557 + 565	15 58 48.28890536	56 25 14.1196523	0.00004029	0.0004055	−0.023	53126.1	53126.1	53126.1	1	67
ICRF J155901.7 + 592421	1558 + 595	15 59 01.70337503	59 24 21.8420484	0.00214595	0.0114536	0.729	53561.9	53561.9	53561.9	1	6
ICRF J155949.6 − 053122	1557 − 053	15 59 49.64212220	−05 31 22.5611231	0.00098871	0.0370818	0.479	53573.0	53573.0	53573.0	1	3
ICRF J160056.4 − 072205	1558 − 072	16 00 56.47654913	−07 22 05.2243854	0.00006220	0.0022938	0.751	53153.2	53153.2	53153.2	1	26
ICRF J160154.5 + 135710	1559 + 140	16 01 54.53723151	13 57 10.7632128	0.00011036	0.0026477	0.015	53560.8	53560.8	53560.8	1	20
ICRF J160213.8 + 241837	1600 + 244	16 02 13.83831433	24 18 37.7947394	0.00007186	0.0012495	−0.343	54088.1	54088.1	54088.1	1	23
ICRF J160318.7 − 100721	1600 − 099	16 03 18.77828831	−10 07 21.2956103	0.00002033	0.0007189	−0.420	53153.2	53153.2	53153.2	1	62
ICRF J160338.0 + 155402	1601 + 160	16 03 38.06194126	15 54 02.3552149	0.00076810	0.0110326	0.830	50156.3	50156.3	50156.3	1	5
ICRF J160355.9 + 573054	1602 + 576	16 03 55.93158778	57 30 54.4119609	0.00019814	0.0018387	−0.646	49577.0	49577.0	49577.0	1	35
ICRF J160401.4 − 222340	1601 − 222	16 04 01.47173481	−22 23 40.9869997	0.00003467	0.0011744	0.515	50656.5	50632.3	50688.3	2	97
ICRF J160449.9 + 192620	1602 + 195	16 04 49.99376647	19 26 20.9415503	0.00006064	0.0012822	0.131	53561.9	53561.9	53561.9	1	35
ICRF J160533.0 + 300129	1603 + 301	16 05 33.04803954	30 01 29.7021840	0.00004225	0.0008048	−0.650	50219.8	50219.8	50219.8	1	59
ICRF J160608.5 + 312446	1604 + 315	16 06 08.51839276	31 24 46.4578362	0.00001606	0.0003650	−0.461	50219.8	50219.8	50219.8	1	87
ICRF J160616.0 + 181459	1604 + 183	16 06 16.02782509	18 14 59.8193827	0.00004904	0.0018612	−0.795	53573.0	53573.0	53573.0	1	57
ICRF J160658.3 + 271705	1604 + 274	16 06 58.30034561	27 17 05.5829762	0.00003234	0.0007356	−0.757	50219.8	50219.8	50219.8	1	58
ICRF J160706.4 + 155134	1604 + 159	16 07 06.43043506	15 51 34.4849749	0.00002523	0.0007153	−0.258	50122.2	50085.5	50156.3	2	139
ICRF J160807.0 − 162500	1605 − 162	16 08 07.02100957	−16 25 00.0601008	0.00023795	0.0123700	−0.732	54088.1	54088.1	54088.1	1	13
ICRF J160820.7 + 561356	1607 + 563	16 08 20.75223761	56 13 56.3691102	0.00026679	0.0044253	−0.817	49577.0	49577.0	49577.0	1	24
ICRF J160822.1 + 401217	1606 + 403	16 08 22.15769751	40 12 17.8327063	0.00004096	0.0007130	−0.438	53503.7	53503.7	53503.7	1	31
ICRF J160934.9 − 220546	1606 − 219	16 09 34.93271244	−22 05 46.6082576	0.00023124	0.0065002	−0.488	53561.9	53561.9	53561.9	1	14
ICRF J160938.7 − 054724	1606 − 056	16 09 38.75001785	−05 47 24.5776085	0.00033576	0.0098755	−0.335	53560.8	53560.8	53560.8	1	5
ICRF J161149.0 + 185638	1609 + 190	16 11 49.04753945	18 56 38.1070618	0.00002001	0.0005867	−0.362	50126.2	50085.5	50156.3	2	181
ICRF J161531.0 + 213011	1613 + 216	16 15 31.09386726	21 30 11.0942118	0.00061487	0.0082384	0.759	50146.9	50085.5	50156.3	2	15
ICRF J161603.7 + 463225	1614 + 466	16 16 03.76672587	46 32 25.2392997	0.00003208	0.0005741	0.149	53560.8	53560.8	53560.8	1	65
ICRF J161655.5 + 362134	1615 + 364	16 16 55.58003522	36 21 34.5010340	0.00010049	0.0009559	0.266	50242.8	50242.8	50242.8	1	42
ICRF J161705.9 − 112238	1614 − 112	16 17 05.99474530	−11 22 38.6166936	0.00022470	0.0046233	0.166	53573.0	53573.0	53573.0	1	14
ICRF J161713.5 + 040841	1614 + 042	16 17 13.58878279	04 08 41.7005079	0.00052771	0.0087992	−0.501	53561.9	53561.9	53561.9	1	5
ICRF J161727.0 − 194132	1614 − 195	16 17 27.09321970	−19 41 32.0187641	0.00009123	0.0035875	−0.643	53153.2	53153.2	53153.2	1	16
ICRF J161916.6 − 181721	1616 − 181	16 19 16.68117658	−18 17 21.7017623	0.00004211	0.0014167	−0.538	53560.8	53560.8	53560.8	1	45
ICRF J162233.9 + 142620	1620 + 145	16 22 33.99578015	14 26 20.5974830	0.00002146	0.0004830	0.273	53134.5	53134.5	53134.5	1	61
ICRF J162304.5 + 662401	1622 + 665	16 23 04.52163425	66 24 01.0789046	0.00009061	0.0008876	0.244	49827.5	49827.5	49827.5	1	66
ICRF J162307.6 + 390932	1621 + 392	16 23 07.62237305	39 09 32.4112706	0.00001828	0.0003998	−0.099	50242.8	50242.8	50242.8	1	78
ICRF J162358.2 + 074130	1621 + 078	16 23 58.25175795	07 41 30.5447583	0.00060668	0.0160926	0.816	49914.7	49914.7	49914.7	1	5
ICRF J162407.7 + 054324	1621 + 058	16 24 07.73388883	05 43 24.2447773	0.00001325	0.0004276	0.033	53126.1	53126.1	53126.1	1	79

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J162432.1 + 565228	1623 + 569	16 24 32.17956980	56 52 28.0011704	0.00007805	0.0017567	0.121	49577.0	49577.0	49577.0	1	57
ICRF J162432.9 − 064949	1621 − 067	16 24 32.92654459	−06 49 49.6297514	0.00021663	0.0037595	0.863	50576.2	50576.2	50576.2	1	24
ICRF J162637.2 + 580917	1625 + 582	16 26 37.23652420	58 09 17.6672508	0.00005855	0.0009500	−0.507	53891.9	49577.0	54088.1	2	46
ICRF J162815.2 + 224757	1626 + 229	16 28 15.23991079	22 47 57.3127500	0.00043673	0.0141512	−0.871	50129.8	50085.5	50156.3	2	8
ICRF J162846.6 − 141541	1625 − 141	16 28 46.61977569	−14 15 41.8878841	0.00004107	0.0012173	−0.408	50576.2	50576.2	50576.2	1	47
ICRF J162848.4 − 004139	1626 − 005	16 28 48.46771317	−00 41 39.7046224	0.00006796	0.0018397	0.007	53523.9	53523.9	53523.9	1	37
ICRF J162951.8 + 675714	1629 + 680	16 29 51.83809698	67 57 14.9787584	0.00020822	0.0043515	−0.133	52585.9	49827.5	54112.8	3	24
ICRF J163041.8 + 070109	1628 + 071	16 30 41.81713882	07 01 09.1066693	0.00013414	0.0021088	0.072	53561.9	53561.9	53561.9	1	16
ICRF J163116.5 + 492739	1629 + 495	16 31 16.53990059	49 27 39.5156732	0.00002902	0.0004902	−0.289	50306.3	50306.3	50306.3	1	64
ICRF J163250.1 − 105231	1630 − 107	16 32 50.10968617	−10 52 31.9955920	0.00019794	0.0048962	−0.606	53561.9	53561.9	53561.9	1	16
ICRF J163257.6 − 003321	1630 − 004	16 32 57.68136714	−00 33 21.0767455	0.00006268	0.0025748	−0.296	53560.8	53560.8	53560.8	1	28
ICRF J163328.8 − 255735	1630 − 258	16 33 28.89063445	−25 57 35.4775335	0.00019028	0.0056974	0.122	53573.0	53573.0	53573.0	1	32
ICRF J163412.7 + 320335	1632 + 321	16 34 12.78980694	32 03 35.4247510	0.00001821	0.0005116	0.171	53126.1	53126.1	53126.1	1	72
ICRF J163430.3 − 205825	1631 − 208	16 34 30.32375315	−20 58 25.9379479	0.00004265	0.0014008	0.618	53552.8	53552.8	53552.8	1	53
ICRF J163537.6 + 595515	1634 + 600	16 35 37.64870719	59 55 15.0774898	0.00005255	0.0006654	−0.017	54112.8	54112.8	54112.8	1	53
ICRF J163537.6 + 601956	1634 + 604	16 35 37.65472878	60 19 56.7469890	0.00026527	0.0040458	0.800	53394.1	49577.0	54088.1	2	26
ICRF J163615.8 − 131532	1633 − 131	16 36 15.86098120	−13 15 32.6945375	0.00007611	0.0018451	0.160	53560.8	53560.8	53560.8	1	37
ICRF J163736.5 − 330904	1634 − 330	16 37 36.53587585	−33 09 04.8359473	0.00014579	0.0075709	−0.302	53153.2	53153.2	53153.2	1	19
ICRF J163819.2 − 034005	1635 − 035	16 38 19.25195693	−03 40 05.0874017	0.00002527	0.0007250	0.300	50576.2	50576.2	50576.2	1	70
ICRF J163845.2 − 141550	1635 − 141	16 38 45.28496140	−14 15 50.2376395	0.00004740	0.0013629	−0.581	50576.2	50576.2	50576.2	1	35
ICRF J163925.0 + 863153	1654 + 866	16 39 25.02119433	86 31 53.1256876	0.00507387	0.0039574	−0.724	52409.7	52409.7	52409.7	1	13
ICRF J163939.8 + 535747	1638 + 540	16 39 39.84292727	53 57 47.1189716	0.00013296	0.0017319	0.552	49577.0	49577.0	49577.0	1	51
ICRF J164010.5 − 001147	1637 − 001	16 40 10.58619882	−00 11 47.5448382	0.00004243	0.0010960	0.003	53560.8	53560.8	53560.8	1	43
ICRF J164047.9 + 122002	1638 + 124	16 40 47.93884092	12 20 02.0791715	0.00002411	0.0006117	−0.309	49914.7	49914.7	49914.7	1	104
ICRF J164240.4 + 252307	1640 + 254	16 42 40.41183851	25 23 07.6819503	0.00001654	0.0003877	−0.388	50219.8	50219.8	50219.8	1	82
ICRF J164259.3 − 284957	1639 − 287	16 42 59.37159823	−28 49 57.9467400	0.00174644	0.0203990	0.732	53561.9	53561.9	53561.9	1	5
ICRF J164416.3 + 072033	1641 + 074	16 44 16.32970415	07 20 33.7593057	0.00012403	0.0047306	−0.686	49914.7	49914.7	49914.7	1	27
ICRF J164435.7 − 180432	1641 − 179	16 44 35.74680889	−18 04 32.4597205	0.00015403	0.0052460	−0.327	53153.2	53153.2	53153.2	1	15
ICRF J164452.4 + 181317	1642 + 183	16 44 52.43240828	18 13 17.2384601	0.00005451	0.0019261	−0.768	50138.4	50085.5	50156.3	2	75
ICRF J164459.0 + 253630	1642 + 256	16 44 59.06085245	25 36 30.5878753	0.00005347	0.0008057	−0.529	50219.8	50219.8	50219.8	1	47
ICRF J164558.5 + 633010	1645 + 635	16 45 58.55270351	63 30 10.9226198	0.00009872	0.0009595	0.417	49827.5	49827.5	49827.5	1	48
ICRF J164615.1 + 741910	1647 + 744	16 46 15.16446332	74 19 10.9403717	0.00525458	0.0832785	0.892	53523.9	53523.9	53523.9	1	3
ICRF J164656.8 + 405917	1645 + 410	16 46 56.85870412	40 59 17.1720544	0.00000999	0.0002113	0.071	50242.8	50242.8	50242.8	1	90
ICRF J164734.9 + 495000	1646 + 499	16 47 34.91196443	49 50 00.5869743	0.00010081	0.0012611	−0.535	50306.3	50306.3	50306.3	1	36
ICRF J164829.2 + 410405	1646 + 411	16 48 29.25796892	41 04 05.5536134	0.00003326	0.0004643	−0.661	50242.8	50242.8	50242.8	1	68

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J164904.3 − 262008	1645 − 262	16 49 04.31529011	−26 20 08.6258920	0.00046465	0.0252591	0.341	53560.8	53560.8	53560.8	1	4
ICRF J164927.6 + 041203	1646 + 042	16 49 27.67946320	04 12 03.9874696	0.00004703	0.0013305	−0.712	49914.7	49914.7	49914.7	1	80
ICRF J164940.9 + 744244	1651 + 747	16 49 40.95338742	74 42 44.6206507	0.00028187	0.0013040	0.306	53552.8	53552.8	53552.8	1	23
ICRF J164950.4 + 062653	1647 + 065	16 49 50.49139557	06 26 53.4491930	0.00009940	0.0013130	0.331	49914.7	49914.7	49914.7	1	56
ICRF J165103.6 + 012923	1648 + 015	16 51 03.66237140	01 29 23.4588952	0.00001552	0.0005455	−0.492	49914.7	49914.7	49914.7	1	112
ICRF J165137.8 + 213524	1649 + 216	16 51 37.84392232	21 35 24.6555159	0.00053570	0.0045578	0.615	53561.9	53561.9	53561.9	1	6
ICRF J165201.4 + 061855	1649 + 063	16 52 01.40010059	06 18 55.3538804	0.00004602	0.0013522	−0.442	49914.7	49914.7	49914.7	1	39
ICRF J165329.9 + 310756	1651 + 312	16 53 29.91065562	31 07 56.8725490	0.00001564	0.0003481	−0.345	50219.8	50219.8	50219.8	1	86
ICRF J165518.7 + 423339	1653 + 426	16 55 18.79497316	42 33 39.8238334	0.00003111	0.0007891	−0.402	53573.0	53573.0	53573.0	1	80
ICRF J165634.0 + 182626	1654 + 185	16 56 34.08910319	18 26 26.3473990	0.00006579	0.0013792	0.132	50139.9	50085.5	50156.3	2	56
ICRF J165639.6 + 532148	1655 + 534	16 56 39.62417209	53 21 48.7714141	0.00004212	0.0006100	−0.374	54088.1	54088.1	54088.1	1	50
ICRF J165648.2 + 601216	1656 + 602	16 56 48.24498123	60 12 16.4345575	0.00003514	0.0004014	−0.020	53560.8	53560.8	53560.8	1	80
ICRF J165656.1 − 020649	1654 − 020	16 56 56.11813772	−02 06 49.5201001	0.00003022	0.0008507	−0.111	50576.2	50576.2	50576.2	1	48
ICRF J165720.7 + 570553	1656 + 571	16 57 20.70892983	57 05 53.5037054	0.00006569	0.0006879	0.005	49577.0	49577.0	49577.0	1	95
ICRF J165733.3 − 200434	1654 − 199	16 57 33.33472791	−20 04 34.9825374	0.00004102	0.0012447	−0.147	53529.1	53503.7	53561.9	2	64
ICRF J165746.8 + 480833	1656 + 482	16 57 46.87895357	48 08 33.0409718	0.00001682	0.0002891	−0.238	50306.3	50306.3	50306.3	1	64
ICRF J165924.1 + 262936	1657 + 265	16 59 24.14944383	26 29 36.9432564	0.00001909	0.0004153	−0.303	50219.8	50219.8	50219.8	1	77
ICRF J165944.9 + 021307	1657 + 022	16 59 44.99717792	02 13 07.0453770	0.00012082	0.0052658	−0.904	53573.0	53573.0	53573.0	1	42
ICRF J170009.2 + 683006	1700 + 685	17 00 09.29279221	68 30 06.9597512	0.00009115	0.0005125	0.384	53849.1	49827.5	54112.8	2	65
ICRF J170023.9 + 052244	1657 + 054	17 00 23.95599113	05 22 44.0948468	0.00001263	0.0003831	0.024	53134.5	53134.5	53134.5	1	81
ICRF J170121.3 + 033851	1658 + 037	17 01 21.37818104	03 38 51.1748407	0.00003321	0.0012178	−0.531	54088.1	54088.1	54088.1	1	40
ICRF J170126.8 − 190331	1658 − 189	17 01 26.89428073	−19 03 31.5755360	0.00005189	0.0019581	−0.063	53560.8	53560.8	53560.8	1	29
ICRF J170221.7 + 150206	1700 + 151	17 02 21.71814581	15 02 06.0816239	0.00016277	0.0030990	0.397	50145.7	50085.5	50156.3	2	20
ICRF J170405.0 − 131634	1701 − 132	17 04 05.08687561	−13 16 34.2342658	0.00023586	0.0033932	0.301	53153.2	53153.2	53153.2	1	12
ICRF J170407.4 + 013408	1701 + 016	17 04 07.48910458	01 34 08.4740833	0.00008229	0.0014473	−0.004	53561.9	53561.9	53561.9	1	32
ICRF J170526.4 + 510935	1704 + 512	17 05 26.41352013	51 09 35.3994634	0.00007822	0.0020512	−0.035	52209.6	50306.3	54112.8	2	22
ICRF J170620.4 + 120859	1704 + 122	17 06 20.49749552	12 08 59.7941906	0.00004761	0.0009250	0.292	53560.8	53560.8	53560.8	1	43
ICRF J170636.7 + 095359	1704 + 099	17 06 36.72730342	09 53 59.6387808	0.00005001	0.0013860	−0.230	53573.0	53573.0	53573.0	1	45
ICRF J170720.3 − 141523	1704 − 141	17 07 20.39055920	−14 15 23.1280739	0.00002566	0.0007574	−0.446	53503.7	53503.7	53503.7	1	72
ICRF J170753.7 + 184639	1705 + 188	17 07 53.74751547	18 46 39.0207375	0.00003463	0.0009309	−0.637	53561.9	53561.9	53561.9	1	51
ICRF J170801.2 + 334646	1706 + 338	17 08 01.25145362	33 46 46.3767458	0.00003166	0.0007992	−0.038	54088.1	54088.1	54088.1	1	46
ICRF J170844.6 + 003509	1706 + 006	17 08 44.64748645	00 35 09.5137617	0.00013810	0.0042318	−0.804	49914.7	49914.7	49914.7	1	31
ICRF J171017.2 − 035550	1707 − 038	17 10 17.20538013	−03 55 50.1287054	0.00001499	0.0004905	0.225	50576.2	50576.2	50576.2	1	71
ICRF J171140.5 + 541145	1710 + 542	17 11 40.50477589	54 11 45.1346369	0.00003288	0.0006816	−0.350	53573.0	53573.0	53573.0	1	82
ICRF J171148.9 − 333841	1708 − 335	17 11 48.99476875	−33 38 41.0227795	0.00087331	0.0314066	0.609	53552.8	53552.8	53552.8	1	3

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J171231.6 − 182002	1709 − 182	17 12 31.69728636	−18 20 02.7668100	0.00007660	0.0037688	−0.239	53561.9	53561.9	53561.9	1	25
ICRF J171331.2 − 265852	1710 − 269	17 13 31.27558558	−26 58 52.5264855	0.00000981	0.0003064	−0.161	50658.5	50632.3	50688.3	2	122
ICRF J171335.1 + 491632	1712 + 493	17 13 35.14761746	49 16 32.5365947	0.00003991	0.0005772	−0.209	50306.3	50306.3	50306.3	1	51
ICRF J171432.5 − 205354	1711 − 208	17 14 32.51298637	−20 53 54.2901567	0.00008498	0.0030657	−0.161	53523.9	53523.9	53523.9	1	27
ICRF J171456.5 − 055820	1712 − 059	17 14 56.57371568	−05 58 20.5947055	0.00002062	0.0006362	−0.406	53503.7	53503.7	53503.7	1	71
ICRF J171611.1 + 215213	1714 + 219	17 16 11.19074067	21 52 13.6667685	0.00011258	0.0015442	−0.436	50129.0	50085.5	50156.3	2	57
ICRF J171613.9 + 683638	1716 + 686	17 16 13.93800856	68 36 38.7446662	0.00004108	0.0003901	0.296	49827.5	49827.5	49827.5	1	118
ICRF J171626.4 − 045211	1713 − 048	17 16 26.48807577	−04 52 11.9451060	0.00001611	0.0005707	−0.193	53552.8	53552.8	53552.8	1	81
ICRF J171701.1 + 191740	1714 + 193	17 17 01.16594491	19 17 40.6558299	0.00001939	0.0005623	−0.335	53561.9	53561.9	53561.9	1	86
ICRF J171736.0 − 334208	1714 − 336	17 17 36.02909328	−33 42 08.8248676	0.00021238	0.0054556	0.005	53371.9	53134.5	53503.7	2	14
ICRF J171814.9 − 112044	1715 − 112	17 18 14.94816715	−11 20 44.9699071	0.00018975	0.0058375	0.086	53153.2	53153.2	53153.2	1	16
ICRF J171849.3 − 285041	1715 − 287	17 18 49.37959933	−28 50 41.0995402	0.00018322	0.0046290	0.716	53573.0	53573.0	53573.0	1	34
ICRF J171902.0 − 142019	1716 − 142	17 19 02.01996194	−14 20 19.0101893	0.00001905	0.0006561	−0.321	53552.8	53552.8	53552.8	1	72
ICRF J171910.9 + 065815	1716 + 070	17 19 10.93337300	06 58 15.7465825	0.00001079	0.0003360	−0.057	53126.1	53126.1	53126.1	1	89
ICRF J171938.2 + 480412	1718 + 481	17 19 38.24956879	48 04 12.2484004	0.00009175	0.0011223	−0.008	53560.8	53560.8	53560.8	1	30
ICRF J171952.2 + 081703	1717 + 083	17 19 52.20621337	08 17 03.5540032	0.00001042	0.0003546	0.013	49914.7	49914.7	49914.7	1	129
ICRF J172010.3 + 382556	1718 + 384	17 20 10.33481001	38 25 56.1637663	0.00003322	0.0007015	0.219	54112.8	54112.8	54112.8	1	53
ICRF J172059.6 − 083217	1718 − 084	17 20 59.68638280	−08 32 17.3311175	0.00038873	0.0171899	−0.748	53153.2	53153.2	53153.2	1	5
ICRF J172109.4 + 354216	1719 + 357	17 21 09.49103232	35 42 16.0635358	0.00002480	0.0006653	−0.370	50242.8	50242.8	50242.8	1	77
ICRF J172203.5 − 050325	1719 − 050	17 22 03.53850887	−05 03 25.0067978	0.00002317	0.0006525	−0.265	53503.7	53503.7	53503.7	1	67
ICRF J172240.0 + 610559	1722 + 611	17 22 40.05936155	61 05 59.7874250	0.00002400	0.0002307	−0.451	53267.2	49577.0	54088.1	4	116
ICRF J172242.1 + 281500	1720 + 282	17 22 42.16157802	28 15 00.0765911	0.00001788	0.0004731	−0.233	50219.8	50219.8	50219.8	1	78
ICRF J172244.5 + 101335	1720 + 102	17 22 44.58279344	10 13 35.7731179	0.00001585	0.0004035	0.098	53134.5	53134.5	53134.5	1	83
ICRF J172252.9 + 245834	1720 + 250	17 22 52.98989075	24 58 34.6912082	0.00010083	0.0034931	0.252	50219.8	50219.8	50219.8	1	22
ICRF J172314.1 + 654746	1723 + 658	17 23 14.13815121	65 47 46.1779329	0.00014365	0.0014296	−0.363	53560.8	53560.8	53560.8	1	33
ICRF J172359.4 + 765311	1726 + 769	17 23 59.44510137	76 53 11.5516479	0.00007955	0.0003912	0.519	49827.5	49827.5	49827.5	1	110
ICRF J172405.4 + 400436	1722 + 401	17 24 05.42883756	40 04 36.4568820	0.00001830	0.0003038	−0.587	50290.5	50242.8	54482.7	2	89
ICRF J172441.4 + 605555	1724 + 609	17 24 41.41504777	60 55 55.7276820	0.00016562	0.0011311	−0.518	52861.5	49577.0	54112.8	2	29
ICRF J172446.9 − 144359	1721 − 146	17 24 46.96655575	−14 43 59.7611892	0.00001443	0.0004560	0.090	53552.8	53552.8	53552.8	1	90
ICRF J172624.7 + 050442	1723 + 051	17 26 24.78346195	05 04 42.6743981	0.00008472	0.0018351	0.145	53560.8	53560.8	53560.8	1	25
ICRF J172635.1 + 321323	1724 + 322	17 26 35.12469032	32 13 23.0221116	0.00002291	0.0006449	−0.220	53573.0	53573.0	53573.0	1	72
ICRF J172644.9 + 063918	1724 + 066	17 26 44.94529013	06 39 18.5096202	0.00001453	0.0004827	−0.136	53561.9	53561.9	53561.9	1	90
ICRF J172658.9 − 225801	1723 − 229	17 26 58.90450573	−22 58 01.5489316	0.00004313	0.0014151	0.038	53503.7	53503.7	53503.7	1	47
ICRF J172723.4 + 551053	1726 + 552	17 27 23.46923269	55 10 53.5369812	0.00008389	0.0012080	−0.519	49577.0	49577.0	49577.0	1	72
ICRF J172850.2 − 035050	1726 − 038	17 28 50.23511108	−03 50 50.4355771	0.00003725	0.0009363	0.643	50576.2	50576.2	50576.2	1	46

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J172859.1 + 383826	1727 + 386	17 28 59.14138874	38 38 26.4479337	0.00002357	0.0004382	0.287	53134.5	53134.5	53134.5	1	67
ICRF J172908.2 − 265750	1726 − 269	17 29 08.21657043	−26 57 50.7419960	0.00014968	0.0048785	−0.124	54088.1	54088.1	54088.1	1	22
ICRF J173033.0 − 051508	1727 − 052	17 30 33.07601869	−05 15 08.0750594	0.00018899	0.0046356	0.340	54112.8	54112.8	54112.8	1	17
ICRF J173034.9 + 002438	1728 + 004	17 30 34.99945638	00 24 38.6919875	0.00005360	0.0023136	−0.537	53126.1	53126.1	53126.1	1	32
ICRF J173315.1 − 372232	1729 − 373	17 33 15.19301090	−37 22 32.3959728	0.00006105	0.0021536	0.263	52169.7	49650.8	52409.7	3	29
ICRF J173458.3 + 092658	1732 + 094	17 34 58.37698621	09 26 58.2601461	0.00003115	0.0007081	−0.194	49914.7	49914.7	49914.7	1	71
ICRF J173510.4 + 080831	1732 + 081	17 35 10.44551078	08 08 31.0633280	0.00002673	0.0007587	0.298	53560.8	53560.8	53560.8	1	55
ICRF J173526.7 − 055950	1732 − 059	17 35 26.78452413	−05 59 50.2163195	0.00008709	0.0025826	−0.170	53561.9	53561.9	53561.9	1	24
ICRF J173702.0 − 225155	1734 − 228	17 37 02.03341110	−22 51 55.3895477	0.00034861	0.0090578	0.641	54112.8	54112.8	54112.8	1	11
ICRF J173811.6 − 150300	1735 − 150	17 38 11.63558216	−15 03 00.5974122	0.00005290	0.0015878	−0.664	53573.0	53573.0	53573.0	1	59
ICRF J173935.3 + 335808	1737 + 339	17 39 35.36252553	33 58 08.1940592	0.00002271	0.0004838	−0.434	50219.8	50219.8	50219.8	1	119
ICRF J174001.5 − 081114	1737 − 081	17 40 01.56622041	−08 11 14.7820580	0.00003528	0.0013020	−0.728	53523.9	53523.9	53523.9	1	40
ICRF J174005.8 + 221100	1737 + 222	17 40 05.86287581	22 11 00.9735897	0.00003641	0.0012085	−0.264	50136.0	50085.5	50156.3	2	87
ICRF J174006.3 + 450650	1738 + 451	17 40 06.37261029	45 06 50.3710270	0.00001845	0.0003259	−0.545	50306.3	50306.3	50306.3	1	67
ICRF J174026.9 + 194319	1738 + 197	17 40 26.97051918	19 43 19.6798499	0.00006154	0.0012269	−0.043	54088.1	54088.1	54088.1	1	26
ICRF J174037.1 + 031147	1738 + 032	17 40 37.19900343	03 11 47.8383535	0.00011046	0.0014578	−0.153	53528.7	53503.7	53560.8	2	32
ICRF J174048.9 + 434816	1739 + 438	17 40 48.95053865	43 48 16.1508122	0.00003391	0.0005368	−0.552	50242.8	50242.8	50242.8	1	72
ICRF J174134.8 + 475132	1740 + 478	17 41 34.82194177	47 51 32.5365686	0.00005916	0.0007196	−0.432	50306.3	50306.3	50306.3	1	51
ICRF J174211.6 − 151729	1739 − 152	17 42 11.66286776	−15 17 29.1596431	0.00002869	0.0011734	−0.165	53554.6	53552.8	53561.9	2	44
ICRF J174259.5 − 190308	1740 − 190	17 42 59.54975940	−19 03 08.5408103	0.00092258	0.0157760	0.486	53503.7	53503.7	53503.7	1	4
ICRF J174347.6 + 374753	1742 + 378	17 43 47.64631987	37 47 53.8301440	0.00002294	0.0004385	−0.552	50242.8	50242.8	50242.8	1	72
ICRF J174357.8 + 193509	1741 + 196	17 43 57.83270386	19 35 09.0175767	0.00020109	0.0018006	0.116	53573.0	53573.0	53573.0	1	28
ICRF J174425.0 + 401448	1742 + 402	17 44 25.09585938	40 14 48.1410625	0.00025334	0.0019875	−0.035	50242.8	50242.8	50242.8	1	21
ICRF J174447.6 − 084914	1742 − 088	17 44 47.60189563	−08 49 14.3300769	0.00022344	0.0058317	−0.070	54112.8	54112.8	54112.8	1	8
ICRF J174504.6 + 225248	1742 + 228	17 45 04.66885042	22 52 48.0772880	0.00003063	0.0008944	0.064	50133.1	50085.5	50156.3	2	116
ICRF J174555.9 + 181450	1743 + 182	17 45 55.92743283	18 14 50.4202098	0.00004385	0.0016298	−0.092	50130.5	50085.5	50156.3	2	52
ICRF J174648.2 + 260320	1744 + 260	17 46 48.27890022	26 03 20.3541884	0.00002127	0.0005654	−0.250	53560.8	53560.8	53560.8	1	65
ICRF J174805.8 + 340401	1746 + 340	17 48 05.81967874	34 04 01.1806379	0.00001830	0.0005457	−0.339	50219.8	50219.8	50219.8	1	120
ICRF J174806.2 + 083219	1745 + 085	17 48 06.26040885	08 32 19.2853684	0.00003912	0.0015646	−0.629	54088.1	54088.1	54088.1	1	28
ICRF J174900.3 + 432151	1747 + 433	17 49 00.36039631	43 21 51.2869533	0.00001964	0.0003445	−0.447	50242.8	50242.8	50242.8	1	82
ICRF J174905.4 + 194408	1746 + 197	17 49 05.47374100	19 44 08.8396457	0.00005692	0.0014731	0.259	50145.6	50085.5	50156.3	2	53
ICRF J175142.6 + 292050	1749 + 293	17 51 42.68393999	29 20 50.2021485	0.00001884	0.0004059	−0.031	53126.1	53126.1	53126.1	1	65
ICRF J175211.6 + 731120	1753 + 731	17 52 11.69252675	73 11 20.5448741	0.00013455	0.0007595	0.321	53560.8	53560.8	53560.8	1	48
ICRF J175214.6 + 061148	1749 + 062	17 52 14.66875807	06 11 48.1552267	0.00002107	0.0007301	0.041	53573.0	53573.0	53573.0	1	75
ICRF J175233.1 − 295644	1749 − 299	17 52 33.10692495	−29 56 44.8974049	0.00081485	0.0193091	−0.112	53552.8	53552.8	53552.8	1	6

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J175236.9 − 101144	1749 − 101	17 52 36.97411880	−10 11 44.7316252	0.00006357	0.0016985	−0.291	50576.2	50576.2	50576.2	1	45
ICRF J175246.0 + 173420	1750 + 175	17 52 46.00290187	17 34 20.3498184	0.00002013	0.0007051	−0.227	50130.6	50085.5	50156.3	2	157
ICRF J175309.0 − 184338	1750 − 187	17 53 09.08867831	−18 43 38.5272339	0.00011252	0.0034751	0.533	53759.1	53503.7	54112.8	2	31
ICRF J175407.5 + 645202	1753 + 648	17 54 07.58976854	64 52 02.6311668	0.00028841	0.0033683	−0.171	49827.5	49827.5	49827.5	1	28
ICRF J175526.2 − 223210	1752 − 225	17 55 26.28477177	−22 32 10.6166169	0.00017740	0.0036245	−0.087	53134.5	53134.5	53134.5	1	13
ICRF J175625.8 − 142709	1753 − 144	17 56 25.86234331	−14 27 09.5530763	0.00135056	0.0630105	−0.977	54088.1	54088.1	54088.1	1	10
ICRF J175758.8 + 053148	1755 + 055	17 57 58.82500070	05 31 48.0234394	0.00013527	0.0056784	0.035	53126.1	53126.1	53126.1	1	11
ICRF J175834.1 + 061032	1756 + 061	17 58 34.11763141	06 10 32.9709231	0.00008433	0.0032665	−0.846	53573.0	53573.0	53573.0	1	43
ICRF J180104.2 + 043818	1758 + 046	18 01 04.24178382	04 38 18.2043423	0.00002748	0.0008652	0.024	53134.5	53134.5	53134.5	1	50
ICRF J180225.1 + 455734	1801 + 459	18 02 25.14267573	45 57 34.6353098	0.00014536	0.0015349	0.186	50306.3	50306.3	50306.3	1	27
ICRF J180309.4 − 043302	1800 − 045	18 03 09.42713760	−04 33 02.8135814	0.00061919	0.0206082	0.259	53503.7	53503.7	53503.7	1	3
ICRF J180415.9 + 010132	1801 + 010	18 04 15.98458653	01 01 32.4072284	0.00005757	0.0012857	−0.050	50027.3	49914.7	54643.7	2	42
ICRF J180531.1 − 043809	1802 − 046	18 05 31.11612529	−04 38 09.6957441	0.00125250	0.0143882	0.420	53126.1	53126.1	53126.1	1	3
ICRF J180547.4 + 171455	1803 + 172	18 05 47.43634050	17 14 55.9214451	0.00002731	0.0007052	−0.033	53560.8	53560.8	53560.8	1	74
ICRF J180619.9 + 614118	1805 + 616	18 06 19.94589150	61 41 18.3296786	0.00020804	0.0011158	−0.006	49702.2	49577.0	49827.5	2	30
ICRF J180731.7 + 310621	1805 + 310	18 07 31.75809668	31 06 21.5794019	0.00011580	0.0027319	−0.673	53573.0	53573.0	53573.0	1	10
ICRF J180738.8 + 220456	1805 + 220	18 07 38.80615451	22 04 56.4109735	0.00002618	0.0006090	−0.226	53561.9	53561.9	53561.9	1	75
ICRF J180740.6 − 250625	1804 − 251	18 07 40.68769551	−25 06 25.9440556	0.00014653	0.0037271	0.058	53134.5	53134.5	53134.5	1	18
ICRF J180911.9 + 275811	1807 + 279	18 09 11.97859851	27 58 11.7998462	0.00001208	0.0003512	−0.162	50219.8	50219.8	50219.8	1	135
ICRF J181003.3 + 564922	1809 + 568	18 10 03.31918230	56 49 22.9683088	0.00009397	0.0011779	−0.645	49577.0	49577.0	49577.0	1	60
ICRF J181143.1 + 170457	1809 + 170	18 11 43.18347313	17 04 57.2573737	0.00001216	0.0003144	0.102	53136.6	53134.5	53306.8	2	82
ICRF J181240.1 − 283626	1809 − 286	18 12 40.19229677	−28 36 26.9421007	0.00008522	0.0036820	0.248	53503.7	53503.7	53503.7	1	46
ICRF J181257.6 + 560349	1812 + 560	18 12 57.66948319	56 03 49.2002134	0.00002190	0.0002532	−0.117	54088.1	54088.1	54088.1	1	68
ICRF J181314.6 + 430415	1811 + 430	18 13 14.68940809	43 04 15.6765187	0.00002334	0.0003524	−0.354	50242.8	50242.8	50242.8	1	81
ICRF J181333.4 + 061542	1811 + 062	18 13 33.41164190	06 15 42.0337231	0.00005434	0.0016389	−0.578	49914.7	49914.7	49914.7	1	48
ICRF J181337.2 + 295237	1811 + 298	18 13 37.26679767	29 52 37.8711932	0.00001875	0.0004766	−0.439	50219.8	50219.8	50219.8	1	120
ICRF J181536.7 + 612711	1815 + 614	18 15 36.79195261	61 27 11.6479650	0.00066488	0.0033896	0.441	49669.8	49577.0	49827.5	2	27
ICRF J181623.9 + 345745	1814 + 349	18 16 23.90081352	34 57 45.7487759	0.00027384	0.0040058	−0.091	50219.8	50219.8	50219.8	1	17
ICRF J181819.3 − 110848	1815 − 111	18 18 19.31353245	−11 08 48.3084858	0.00029289	0.0060195	−0.443	53126.1	53126.1	53126.1	1	6
ICRF J181830.5 + 501719	1817 + 502	18 18 30.51925226	50 17 19.7438458	0.00004028	0.0005380	−0.275	49945.0	49577.0	50306.3	2	109
ICRF J181917.4 − 025807	1816 − 029	18 19 17.40870716	−02 58 07.8698877	0.00012603	0.0019723	0.729	50576.2	50576.2	50576.2	1	31
ICRF J181926.5 + 384501	1817 + 387	18 19 26.54737811	38 45 01.7863328	0.00001613	0.0003788	−0.143	53134.5	53134.5	53134.5	1	81
ICRF J181938.2 + 154344	1817 + 157	18 19 38.28983570	15 43 44.7234879	0.00390396	0.0350477	−0.991	54088.1	54088.1	54088.1	1	4
ICRF J182111.8 − 050220	1818 − 050	18 21 11.80954336	−05 02 20.0864656	0.00007928	0.0019927	0.098	53503.7	53503.7	53503.7	1	42
ICRF J182159.4 + 681843	1822 + 682	18 21 59.49177810	68 18 43.0093873	0.00010317	0.0005906	0.656	53709.3	49827.5	54088.1	2	45

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J182159.7 + 394559	1820 + 397	18 21 59.70063426	39 45 59.6567118	0.00013609	0.0021766	−0.539	50242.8	50242.8	50242.8	1	36
ICRF J182209.9 + 160014	1819 + 159	18 22 09.96898304	16 00 14.8439931	0.00003596	0.0010082	0.126	50134.1	50085.5	50156.3	2	102
ICRF J182319.6 − 272626	1820 − 274	18 23 19.65968116	−27 26 26.6745555	0.00558866	0.1753559	−0.978	50632.3	50632.3	50632.3	1	3
ICRF J182403.9 + 112737	1821 + 114	18 24 03.94800122	11 27 37.7012822	0.00018433	0.0059025	−0.847	53573.0	53573.0	53573.0	1	28
ICRF J182448.1 + 011934	1822 + 012	18 24 48.14343153	01 19 34.2021136	0.00001075	0.0003281	−0.186	53134.5	53134.5	53134.5	1	86
ICRF J182537.6 − 073730	1822 − 076	18 25 37.60955203	−07 37 30.0129436	0.00007434	0.0016400	0.616	52359.3	52306.7	52409.7	2	45
ICRF J182541.5 + 575305	1824 + 578	18 25 41.59866083	57 53 05.9574212	0.00016439	0.0014149	0.333	53560.8	53560.8	53560.8	1	28
ICRF J182608.1 − 365049	1822 − 368	18 26 08.13486718	−36 50 49.7259656	0.00004665	0.0016482	−0.062	53153.2	53153.2	53153.2	1	22
ICRF J182617.7 + 183152	1824 + 185	18 26 17.71100186	18 31 52.8884242	0.00036030	0.0065890	−0.428	50141.4	50085.5	50156.3	2	19
ICRF J182620.5 − 292424	1823 − 294	18 26 20.59910539	−29 24 24.9519186	0.00003092	0.0009595	0.370	53533.0	53503.7	53561.9	2	115
ICRF J182625.0 + 014940	1823 + 017	18 26 25.06116954	01 49 40.1191973	0.00001481	0.0004525	−0.029	53552.8	53552.8	53552.8	1	90
ICRF J182659.9 + 343114	1825 + 344	18 26 59.98285205	34 31 14.1198898	0.00002092	0.0004761	−0.383	50219.8	50219.8	50219.8	1	103
ICRF J182710.2 − 453309	1823 − 455	18 27 10.23808726	−45 33 09.9626391	0.00006991	0.0022364	0.168	52306.7	52306.7	52306.7	1	18
ICRF J182720.1 + 263824	1825 + 266	18 27 20.13455553	26 38 24.1515108	0.00005146	0.0011370	0.156	54112.8	54112.8	54112.8	1	37
ICRF J182745.0 − 040544	1825 − 041	18 27 45.04056428	−04 05 44.5763583	0.00021683	0.0030324	0.177	50576.2	50576.2	50576.2	1	22
ICRF J182755.4 + 265805	1825 + 269	18 27 55.42496052	26 58 05.9178690	0.00004045	0.0010675	−0.732	50219.8	50219.8	50219.8	1	75
ICRF J182809.8 + 643416	1827 + 645	18 28 09.85758595	64 34 16.0335221	0.00021919	0.0016634	0.519	49827.5	49827.5	49827.5	1	31
ICRF J182931.7 + 484446	1828 + 487	18 29 31.78093439	48 44 46.1613921	0.00001764	0.0003317	−0.492	53552.8	53552.8	53552.8	1	80
ICRF J182956.5 + 395734	1828 + 399	18 29 56.52020563	39 57 34.7031713	0.00002911	0.0004752	−0.490	50242.8	50242.8	50242.8	1	120
ICRF J183005.9 + 061915	1827 + 062	18 30 05.93987008	06 19 15.9522754	0.00002510	0.0008156	−0.582	49914.7	49914.7	49914.7	1	82
ICRF J183114.8 + 290710	1829 + 290	18 31 14.85923409	29 07 10.2936371	0.00022048	0.0028192	−0.045	50219.8	50219.8	50219.8	1	15
ICRF J183118.8 + 220012	1829 + 219	18 31 18.89183617	22 00 12.3350150	0.00042851	0.0035410	−0.815	52069.1	50156.3	53503.7	2	21
ICRF J183240.0 + 011816	1830 + 012	18 32 40.09376297	01 18 16.4737465	0.00006373	0.0020930	−0.323	53126.1	53126.1	53126.1	1	20
ICRF J183241.9 + 073155	1830 + 074	18 32 41.98910191	07 31 55.1241981	0.00004273	0.0018462	−0.783	49914.7	49914.7	49914.7	1	79
ICRF J183307.7 + 011535	1830 + 011	18 33 07.76086623	01 15 35.3009664	0.00004264	0.0012495	−0.610	53523.9	53523.9	53523.9	1	38
ICRF J183414.0 − 030119	1831 − 030	18 34 14.07456938	−03 01 19.6270469	0.00007103	0.0012504	0.248	53134.5	53134.5	53134.5	1	30
ICRF J183427.3 + 050603	1831 + 050	18 34 27.31151004	05 06 03.9650366	0.00014302	0.0022646	−0.042	53560.8	53560.8	53560.8	1	22
ICRF J183503.3 + 324146	1833 + 326	18 35 03.38963121	32 41 46.8566903	0.00004483	0.0006215	0.003	50219.8	50219.8	50219.8	1	79
ICRF J183519.6 + 611940	1834 + 612	18 35 19.67526762	61 19 40.0142571	0.00006620	0.0008649	−0.139	49577.0	49577.0	49577.0	1	67
ICRF J183546.2 + 240750	1833 + 240	18 35 46.27247972	24 07 50.8301629	0.00001676	0.0004740	−0.290	53555.6	53552.8	53561.9	2	118
ICRF J183822.9 + 062808	1835 + 064	18 38 22.91200344	06 28 08.7094565	0.00016391	0.0066265	−0.174	49914.7	49914.7	49914.7	1	24
ICRF J183828.4 − 342741	1835 − 345	18 38 28.49688919	−34 27 41.7518321	0.00008610	0.0036619	−0.659	53523.9	53523.9	53523.9	1	25
ICRF J183848.8 + 040424	1836 + 040	18 38 48.82903678	04 04 24.6694078	0.00018408	0.0027055	−0.337	49914.7	49914.7	49914.7	1	30
ICRF J183854.8 + 092727	1836 + 094	18 38 54.83523926	09 27 27.8968033	0.00002793	0.0011948	−0.574	53126.1	53126.1	53126.1	1	52
ICRF J183905.8 + 410059	1837 + 409	18 39 05.80333657	41 00 59.0928119	0.00031352	0.0055978	0.204	54112.8	54112.8	54112.8	1	10

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J184057.3 + 545215	1839 + 548	18 40 57.37668481	54 52 15.9101301	0.00004633	0.0005826	−0.112	53422.2	49577.0	54088.1	3	76
ICRF J184307.9 + 444951	1841 + 447	18 43 07.91745863	44 49 51.5228863	0.00015276	0.0013444	−0.179	53126.1	53126.1	53126.1	1	25
ICRF J184407.2 + 131228	1841 + 131	18 44 07.26258782	13 12 28.0391409	0.00013743	0.0030436	−0.762	50137.3	50085.5	50156.3	2	41
ICRF J184535.1 + 354116	1843 + 356	18 45 35.10885925	35 41 16.7265084	0.00002296	0.0004340	−0.096	50242.8	50242.8	50242.8	1	87
ICRF J184539.9 − 220036	1842 − 220	18 45 39.90294845	−22 00 36.5735207	0.00032805	0.0149801	−0.809	53552.8	53552.8	53552.8	1	3
ICRF J184551.3 − 285240	1842 − 289	18 45 51.36828419	−28 52 40.2763162	0.00001871	0.0007240	−0.261	53153.2	53153.2	53153.2	1	86
ICRF J184606.3 − 065127	1843 − 069	18 46 06.30026275	−06 51 27.7461010	0.00027859	0.0031693	−0.098	53134.5	53134.5	53134.5	1	13
ICRF J184712.6 + 081035	1844 + 081	18 47 12.66039471	08 10 35.3880170	0.00002884	0.0007545	0.220	49914.7	49914.7	49914.7	1	66
ICRF J184834.3 + 324400	1846 + 326	18 48 34.36117619	32 44 00.1394707	0.00001942	0.0004017	−0.372	50219.8	50219.8	50219.8	1	111
ICRF J184920.1 + 302414	1847 + 303	18 49 20.10341772	30 24 14.2371640	0.00001742	0.0005605	−0.215	50219.8	50219.8	50219.8	1	92
ICRF J185152.3 + 610038	1851 + 609	18 51 52.36093807	61 00 38.7797439	0.00047201	0.0020983	0.513	53494.3	49577.0	54112.8	2	22
ICRF J185230.3 + 401906	1850 + 402	18 52 30.37253179	40 19 06.6083559	0.00001872	0.0003424	−0.219	50242.8	50242.8	50242.8	1	111
ICRF J185250.5 + 142639	1850 + 143	18 52 50.58049382	14 26 39.6995824	0.00006328	0.0023370	−0.863	54088.1	54088.1	54088.1	1	31
ICRF J185317.9 − 362842	1849 − 365	18 53 17.92023201	−36 28 42.1644472	0.00010039	0.0066342	−0.150	52740.3	52306.7	53134.5	3	26
ICRF J185326.7 + 331056	1851 + 331	18 53 26.78723828	33 10 56.1329878	0.00004773	0.0010578	−0.509	53561.9	53561.9	53561.9	1	39
ICRF J185327.6 + 234435	1851 + 236	18 53 27.62798494	23 44 35.5308246	0.00004682	0.0016892	−0.606	53523.9	53523.9	53523.9	1	35
ICRF J185404.3 − 153913	1851 − 157	18 54 04.33205098	−15 39 13.1998100	0.00002840	0.0009070	0.292	53561.1	53552.8	53573.0	2	97
ICRF J185527.7 + 374256	1853 + 376	18 55 27.70680460	37 42 56.9665264	0.00003695	0.0009982	−0.726	50242.8	50242.8	50242.8	1	83
ICRF J185535.4 + 025119	1853 + 027	18 55 35.43649798	02 51 19.5692704	0.00051442	0.0075666	−0.180	52389.1	52306.7	52409.7	2	5
ICRF J185554.4 − 120957	1853 − 122	18 55 54.44538414	−12 09 57.9645725	0.00012639	0.0042833	0.416	53503.7	53503.7	53503.7	1	12
ICRF J185556.3 − 175442	1853 − 179	18 55 56.37874360	−17 54 42.9172053	0.00083084	0.0189717	0.233	53153.2	53153.2	53153.2	1	4
ICRF J185631.8 + 061016	1854 + 061	18 56 31.83887710	06 10 16.7646823	0.00018077	0.0037478	0.543	52386.8	52306.7	52409.7	2	9
ICRF J185725.5 + 162455	1855 + 163	18 57 25.59555110	16 24 55.8393637	0.00007546	0.0026887	0.683	54112.8	54112.8	54112.8	1	25
ICRF J185819.0 − 251050	1855 − 252	18 58 19.07771704	−25 10 50.6904405	0.00041955	0.0266514	0.489	53153.2	53153.2	53153.2	1	4
ICRF J190034.6 + 272230	1858 + 273	19 00 34.67745471	27 22 30.9173474	0.00010570	0.0022154	0.057	50219.8	50219.8	50219.8	1	18
ICRF J190048.5 + 270157	1858 + 269	19 00 48.51396009	27 01 57.5711051	0.00004502	0.0010544	−0.563	50219.8	50219.8	50219.8	1	32
ICRF J190132.1 − 252814	1858 − 255	19 01 32.12657758	−25 28 14.2323954	0.00055319	0.0200162	0.760	53503.7	53503.7	53503.7	1	7
ICRF J190311.6 + 554038	1902 + 556	19 03 11.60940049	55 40 38.4644916	0.00274124	0.0277563	0.671	52960.3	49577.0	54088.1	2	8
ICRF J190528.5 − 115332	1902 − 119	19 05 28.58783975	−11 53 32.4159017	0.00008976	0.0019206	0.768	53791.0	53503.7	54112.8	2	53
ICRF J190536.4 + 194308	1903 + 196	19 05 36.47207857	19 43 08.0454964	0.00001797	0.0005286	−0.311	53552.8	53552.8	53552.8	1	81
ICRF J190711.9 + 012708	1904 + 013	19 07 11.99626174	01 27 08.9631558	0.00007287	0.0013599	0.354	52111.9	49914.7	53126.1	2	38
ICRF J190806.2 + 222234	1905 + 222	19 08 06.21080437	22 22 34.1483981	0.00002198	0.0005819	−0.135	53561.9	53561.9	53561.9	1	80
ICRF J190945.1 − 213935	1906 − 217	19 09 45.15488861	−21 39 35.3982673	0.00340772	0.1077714	−0.558	54088.1	54088.1	54088.1	1	7
ICRF J191045.1 + 230558	1908 + 230	19 10 45.12719150	23 05 58.6112017	0.00004220	0.0012410	−0.263	52370.9	50156.3	53134.5	2	39
ICRF J191135.0 + 265813	1909 + 268	19 11 35.07736405	26 58 13.7630801	0.00002696	0.0006058	−0.499	50219.8	50219.8	50219.8	1	38

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J191153.9 − 210243	1908 − 211	19 11 53.93739371	−21 02 43.8017931	0.00003697	0.0013287	−0.727	53126.1	53126.1	53126.1	1	55
ICRF J191156.5 − 192150	1909 − 194	19 11 56.51918830	−19 21 50.9624471	0.00018676	0.0041385	0.195	53573.0	53573.0	53573.0	1	26
ICRF J191207.1 − 080421	1909 − 081	19 12 07.12882577	−08 04 21.9020986	0.00002963	0.0008920	0.077	53153.2	53153.2	53153.2	1	47
ICRF J191211.9 − 150457	1909 − 151	19 12 11.93965826	−15 04 57.5426935	0.00001743	0.0005409	−0.156	53523.9	53523.9	53523.9	1	78
ICRF J191225.1 + 374036	1910 + 375	19 12 25.12360141	37 40 36.6451302	0.00001774	0.0003788	−0.412	50242.8	50242.8	50242.8	1	134
ICRF J191523.8 + 654846	1915 + 657	19 15 23.81910628	65 48 46.3851721	0.00018160	0.0020081	−0.060	49827.5	49827.5	49827.5	1	32
ICRF J191652.5 − 151900	1914 − 154	19 16 52.51099580	−15 19 00.0712632	0.00001286	0.0004612	−0.265	53536.5	53503.7	53561.9	2	147
ICRF J191708.6 − 211030	1914 − 212	19 17 08.64451434	−21 10 30.7801849	0.00037069	0.0113882	0.162	53560.8	53560.8	53560.8	1	8
ICRF J191744.8 − 192131	1914 − 194	19 17 44.81932675	−19 21 31.6096438	0.00003064	0.0011176	−0.368	53573.0	53573.0	53573.0	1	69
ICRF J191810.7 + 552038	1917 + 552	19 18 10.75008721	55 20 38.6094432	0.00005201	0.0005701	−0.563	49577.0	49577.0	49577.0	1	116
ICRF J191845.5 + 493756	1917 + 495	19 18 45.57960057	49 37 56.0341134	0.00003744	0.0006235	−0.330	53561.9	53561.9	53561.9	1	66
ICRF J192014.4 − 244505	1917 − 248	19 20 14.43061532	−24 45 05.8013267	0.00063410	0.0212499	−0.445	53573.0	53573.0	53573.0	1	7
ICRF J192029.1 + 265148	1918 + 267	19 20 29.10814393	26 51 48.0027013	0.00004455	0.0017304	−0.162	54112.8	54112.8	54112.8	1	32
ICRF J192043.0 − 383106	1917 − 386	19 20 43.00890313	−38 31 06.0717265	0.00119033	0.0315740	0.617	53503.7	53503.7	53503.7	1	4
ICRF J192043.2 − 023611	1918 − 026	19 20 43.26218826	−02 36 11.6059978	0.00001907	0.0006157	−0.030	53552.8	53552.8	53552.8	1	64
ICRF J192109.9 + 433341	1919 + 434	19 21 09.93472639	43 33 41.8375736	0.00013061	0.0013209	−0.402	54088.1	54088.1	54088.1	1	17
ICRF J192154.2 + 450626	1920 + 450	19 21 54.20530839	45 06 26.8880402	0.00060124	0.0033955	−0.349	50306.3	50306.3	50306.3	1	10
ICRF J192234.6 + 153010	1920 + 154	19 22 34.69927882	15 30 10.0322171	0.00027090	0.0034405	−0.327	50126.0	50085.5	50156.3	2	21
ICRF J192327.2 + 475416	1922 + 478	19 23 27.22983014	47 54 16.8171626	0.00003451	0.0007662	0.306	50306.3	50306.3	50306.3	1	50
ICRF J192417.4 + 332929	1922 + 333	19 24 17.48222566	33 29 29.7455995	0.00036810	0.0028626	0.302	52306.7	52306.7	52306.7	1	9
ICRF J192517.0 − 340101	1922 − 341	19 25 17.02026653	−34 01 01.5368370	0.00003643	0.0012315	−0.067	53126.1	53126.1	53126.1	1	32
ICRF J192540.8 + 122738	1923 + 123	19 25 40.81707928	12 27 38.0871052	0.00002706	0.0008081	0.158	53134.5	53134.5	53134.5	1	51
ICRF J192606.3 + 505257	1924 + 507	19 26 06.32170291	50 52 57.0177669	0.00002413	0.0004778	0.143	49876.4	49577.0	50306.3	2	134
ICRF J192626.9 − 100551	1923 − 101	19 26 26.96692497	−10 05 51.9606756	0.00020070	0.0049593	0.714	53560.8	53560.8	53560.8	1	18
ICRF J192631.1 + 770631	1928 + 770	19 26 31.19130499	77 06 31.4970063	0.00058077	0.0021712	−0.067	53573.0	53573.0	53573.0	1	32
ICRF J192730.4 + 611732	1926 + 611	19 27 30.44262139	61 17 32.8792112	0.00004570	0.0004122	−0.453	49577.0	49577.0	49577.0	1	130
ICRF J192821.3 + 441201	1926 + 440	19 28 21.35155805	44 12 01.8536031	0.00014091	0.0029926	0.411	52223.8	50306.3	53126.1	2	25
ICRF J192904.5 + 232529	1926 + 233	19 29 04.57595064	23 25 29.2787313	0.00008354	0.0011668	−0.152	50135.1	50085.5	50156.3	2	70
ICRF J192919.9 + 050757	1926 + 050	19 29 19.94804781	05 07 57.5912745	0.00014468	0.0039514	−0.385	49914.7	49914.7	49914.7	1	17
ICRF J192944.9 + 254316	1927 + 256	19 29 44.91814096	25 43 16.2462392	0.00003162	0.0008432	0.022	50219.8	50219.8	50219.8	1	38
ICRF J192947.8 + 091003	1927 + 090	19 29 47.86284104	09 10 03.6241778	0.00060953	0.0170933	−0.484	53561.9	53561.9	53561.9	1	5
ICRF J193108.6 + 312233	1929 + 312	19 31 08.67387746	31 22 33.3966176	0.00010878	0.0016523	−0.389	50219.8	50219.8	50219.8	1	22
ICRF J193235.4 − 292842	1929 − 295	19 32 35.45376300	−29 28 42.0480778	0.00002631	0.0010017	−0.088	53552.8	53552.8	53552.8	1	73
ICRF J193321.8 + 150446	1931 + 149	19 33 21.80498373	15 04 46.4000927	0.00006014	0.0019830	−0.099	52306.7	52306.7	52306.7	1	20
ICRF J193357.3 + 654016	1933 + 655	19 33 57.33721123	65 40 16.8283745	0.00003925	0.0004885	0.210	49827.5	49827.5	49827.5	1	94

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J193440.6 + 613841	1934 + 615	19 34 40.68337591	61 38 41.6228436	0.00006485	0.0006518	−0.177	53573.0	53573.0	53573.0	1	63
ICRF J193452.8 − 241624	1931 − 243	19 34 52.84872060	−24 16 24.3574464	0.00007798	0.0027429	−0.061	53153.2	53153.2	53153.2	1	37
ICRF J193522.7 + 813014	1939 + 813	19 35 22.72236600	81 30 14.5542587	0.00032962	0.0004304	−0.552	50688.3	50688.3	50688.3	1	64
ICRF J193535.7 − 160232	1932 − 161	19 35 35.79528554	−16 02 32.3721605	0.00004799	0.0015755	−0.136	54112.8	54112.8	54112.8	1	25
ICRF J193627.8 + 364234	1934 + 365	19 36 27.81664640	36 42 34.9809629	0.00006339	0.0008237	0.045	50242.8	50242.8	50242.8	1	52
ICRF J193629.3 + 224625	1934 + 226	19 36 29.30618727	22 46 25.8607877	0.00128766	0.0188801	0.895	52306.7	52306.7	52306.7	1	3
ICRF J193719.9 − 062728	1934 − 065	19 37 19.99270265	−06 27 28.0708810	0.00062851	0.0197202	0.734	53503.7	53503.7	53503.7	1	4
ICRF J193731.4 + 360735	1935 + 360	19 37 31.43661029	36 07 35.8413362	0.00001898	0.0003929	0.149	53134.5	53134.5	53134.5	1	77
ICRF J193804.9 − 174920	1935 − 179	19 38 04.95829989	−17 49 20.3870698	0.00002831	0.0010065	−0.483	53560.8	53560.8	53560.8	1	58
ICRF J193830.6 + 044811	1936 + 046	19 38 30.66960578	04 48 11.6115132	0.00004839	0.0015002	−0.746	49914.7	49914.7	49914.7	1	66
ICRF J193843.6 + 094219	1936 + 095	19 38 43.64956229	09 42 19.2011885	0.00790694	0.0208583	−0.883	54088.1	54088.1	54088.1	1	3
ICRF J193933.5 + 381735	1937 + 381	19 39 33.56692623	38 17 35.3890297	0.00009748	0.0008814	0.417	53126.1	53126.1	53126.1	1	23
ICRF J193951.8 + 371330	1938 + 371	19 39 51.80640900	37 13 30.4873927	0.00005896	0.0007007	−0.280	50242.8	50242.8	50242.8	1	66
ICRF J194049.3 + 430424	1939 + 429	19 40 49.32001123	43 04 24.6575383	0.00012476	0.0012767	0.347	53573.0	53573.0	53573.0	1	39
ICRF J194110.2 − 300720	1938 − 302	19 41 10.24283710	−30 07 20.4284603	0.00041581	0.0106265	0.863	53503.7	53503.7	53503.7	1	11
ICRF J194126.9 + 722142	1942 + 722	19 41 26.98411365	72 21 42.2173037	0.00056585	0.0056218	0.306	53560.8	53560.8	53560.8	1	10
ICRF J194147.0 − 051132	1939 − 053	19 41 47.00858206	−05 11 32.3830438	0.00002479	0.0008456	−0.629	53523.9	53523.9	53523.9	1	59
ICRF J194240.9 − 313014	1939 − 316	19 42 40.91402840	−31 30 14.6092276	0.00003389	0.0012236	−0.527	53523.9	53523.9	53523.9	1	56
ICRF J194258.6 + 412923	1941 + 413	19 42 58.63811385	41 29 23.0599385	0.00001467	0.0002979	0.102	53134.5	53134.5	53134.5	1	90
ICRF J194431.5 + 544807	1943 + 546	19 44 31.51263486	54 48 07.0629378	0.00016186	0.0010241	0.218	49577.0	49577.0	49577.0	1	47
ICRF J194515.9 + 095259	1942 + 097	19 45 15.92278574	09 52 59.5631657	0.00002973	0.0012519	0.111	49914.7	49914.7	49914.7	1	65
ICRF J194522.8 − 015321	1942 − 020	19 45 22.82077592	−01 53 21.8309624	0.00001423	0.0004884	−0.203	53556.9	53552.8	53561.9	2	155
ICRF J194553.5 + 705548	1946 + 708	19 45 53.51992731	70 55 48.7321708	0.00034931	0.0018436	0.349	49827.5	49827.5	49827.5	1	30
ICRF J194719.5 + 124855	1944 + 126	19 47 19.52672088	12 48 55.4213224	0.00007578	0.0014176	−0.078	50138.0	50085.5	50156.3	2	54
ICRF J194743.7 − 010324	1945 − 011	19 47 43.78371850	−01 03 24.5276170	0.00002951	0.0009770	−0.590	53503.7	53503.7	53503.7	1	64
ICRF J194804.5 + 355620	1946 + 358	19 48 04.52010941	35 56 20.6713609	0.00008474	0.0012474	−0.033	50242.8	50242.8	50242.8	1	36
ICRF J194835.7 + 394352	1946 + 396	19 48 35.77007627	39 43 52.0678756	0.00023149	0.0020822	−0.198	54088.1	54088.1	54088.1	1	11
ICRF J194933.1 + 242118	1947 + 242	19 49 33.14259482	24 21 18.2447392	0.00039912	0.0038027	0.642	52306.7	52306.7	52306.7	1	9
ICRF J194935.2 + 725242	1950 + 727	19 49 35.23118271	72 52 42.9679297	0.00036379	0.0036460	−0.191	49827.5	49827.5	49827.5	1	17
ICRF J194953.4 − 195713	1946 − 200	19 49 53.42018023	−19 57 13.3304014	0.00000683	0.0002302	0.099	50658.5	50632.3	50688.3	2	152
ICRF J195044.0 − 043611	1948 − 047	19 50 44.05505426	−04 36 11.8396763	0.00011594	0.0022354	−0.220	50576.2	50576.2	50576.2	1	26
ICRF J195106.9 + 572717	1950 + 573	19 51 06.98253921	57 27 17.1762923	0.00032389	0.0022621	0.503	49577.0	49577.0	49577.0	1	29
ICRF J195136.0 + 013442	1949 + 014	19 51 36.01846344	01 34 42.7142452	0.00001292	0.0003731	0.083	53126.1	53126.1	53126.1	1	90
ICRF J195147.4 − 050943	1949 − 052	19 51 47.46847704	−05 09 43.9624016	0.00001635	0.0005469	−0.061	53523.9	53523.9	53523.9	1	81
ICRF J195248.2 + 252653	1950 + 253	19 52 48.29396254	25 26 53.4844057	0.00001580	0.0003704	0.074	52409.7	52409.7	52409.7	1	77

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J195441.1 − 112322	1951 − 115	19 54 41.15573549	−11 23 22.6418249	0.00001329	0.0004468	−0.181	53523.9	53523.9	53523.9	1	90
ICRF J195659.4 − 322546	1953 − 325	19 56 59.45527684	−32 25 46.0071304	0.00001606	0.0004854	−0.155	52306.7	52306.7	52306.7	1	47
ICRF J195922.0 + 384654	1957 + 386	19 59 22.03928791	38 46 54.1653905	0.00010930	0.0012614	0.125	53573.0	53573.0	53573.0	1	35
ICRF J195959.8 + 650854	1959 + 650	19 59 59.85208598	65 08 54.6526793	0.00020470	0.0020767	0.193	49827.5	49827.5	49827.5	1	29
ICRF J200042.1 − 132533	1957 − 135	20 00 42.14510115	−13 25 33.5329541	0.00001649	0.0005721	−0.109	53552.8	53552.8	53552.8	1	90
ICRF J200110.6 + 102758	1958 + 103	20 01 10.64344087	10 27 58.1171566	0.00014011	0.0021097	−0.492	49914.7	49914.7	49914.7	1	35
ICRF J200112.8 + 435252	1959 + 437	20 01 12.87374891	43 52 52.8394196	0.00064299	0.0072000	0.259	50242.8	50242.8	50242.8	1	14
ICRF J200153.7 + 241639	1959 + 241	20 01 53.77796558	24 16 39.9902336	0.00003583	0.0008733	0.238	53561.9	53561.9	53561.9	1	57
ICRF J200209.5 + 065115	1959 + 067	20 02 09.57486477	06 51 15.3921540	0.00008394	0.0017967	0.449	54112.8	54112.8	54112.8	1	27
ICRF J200243.0 − 164922	1959 − 169	20 02 43.08833372	−16 49 22.7102802	0.00013927	0.0044726	−0.758	54088.1	54088.1	54088.1	1	17
ICRF J200252.0 + 450608	2001 + 449	20 02 52.09615195	45 06 08.3275309	0.00001716	0.0002592	−0.118	51774.6	50306.3	53523.9	2	103
ICRF J200324.9 − 042138	2000 − 045	20 03 24.97541613	−04 21 38.4278278	0.00016078	0.0066184	0.191	53560.8	53560.8	53560.8	1	7
ICRF J200330.2 + 303430	2001 + 304	20 03 30.24405768	30 34 30.7888626	0.00001085	0.0003132	0.050	52409.7	52409.7	52409.7	1	82
ICRF J200354.5 + 662556	2003 + 662	20 03 54.50945834	66 25 56.3758459	0.00036908	0.0017133	0.200	53528.4	49827.5	54112.8	2	22
ICRF J200517.2 − 182203	2002 − 185	20 05 17.29315622	−18 22 03.3229745	0.00001477	0.0007317	−0.213	50657.6	50632.3	50688.3	2	106
ICRF J200552.0 + 442855	2004 + 443	20 05 52.08824444	44 28 55.1231204	0.00057703	0.0066897	0.261	51659.0	50306.3	53552.8	2	12
ICRF J200556.5 − 231027	2002 − 233	20 05 56.59555038	−23 10 27.0099872	0.00002923	0.0009482	−0.211	53153.2	53153.2	53153.2	1	57
ICRF J200648.3 − 122255	2004 − 125	20 06 48.34320195	−12 22 55.2966359	0.00016450	0.0066165	0.653	53561.9	53561.9	53561.9	1	17
ICRF J200704.3 + 745225	2007 + 747	20 07 04.38465889	74 52 25.3987092	0.00886166	0.0015701	0.643	54088.1	54088.1	54088.1	1	9
ICRF J200711.9 + 063644	2004 + 064	20 07 11.91531996	06 36 44.5962259	0.00008097	0.0018694	0.233	49914.7	49914.7	49914.7	1	49
ICRF J200728.7 + 660722	2007 + 659	20 07 28.77103584	66 07 22.5356176	0.00004864	0.0005051	0.464	49827.5	49827.5	49827.5	1	106
ICRF J200745.4 + 372202	2005 + 372	20 07 45.40147424	37 22 02.2494922	0.00302682	0.0516429	−0.979	52409.7	52409.7	52409.7	1	3
ICRF J200755.1 − 443444	2004 − 447	20 07 55.18441192	−44 34 44.2789130	0.00004882	0.0013603	−0.082	52395.0	52306.7	52409.7	2	21
ICRF J200952.3 + 722919	2010 + 723	20 09 52.30378881	72 29 19.3510233	0.00004717	0.0003102	0.246	49827.5	49827.5	49827.5	1	114
ICRF J201049.2 + 611615	2009 + 611	20 10 49.28861439	61 16 15.1570541	0.00005510	0.0006199	−0.348	49577.0	49577.0	49577.0	1	103
ICRF J201049.7 + 332213	2008 + 332	20 10 49.72330194	33 22 13.8106809	0.00009232	0.0012310	0.016	52409.7	52409.7	52409.7	1	16
ICRF J201205.6 + 462855	2010 + 463	20 12 05.63741861	46 28 55.7771296	0.00009687	0.0010695	−0.737	50306.3	50306.3	50306.3	1	17
ICRF J201515.1 − 013732	2012 − 017	20 15 15.15797697	−01 37 32.5598307	0.00001631	0.0005199	−0.015	50576.2	50576.2	50576.2	1	81
ICRF J201519.1 + 525359	2013 + 527	20 15 19.16837543	52 53 59.7197970	0.00016912	0.0016064	0.615	49577.0	49577.0	49577.0	1	54
ICRF J201528.7 + 371059	2013 + 370	20 15 28.72976962	37 10 59.5148505	0.00001629	0.0003470	−0.034	52306.7	52306.7	52306.7	1	59
ICRF J201528.8 + 341039	2013 + 340	20 15 28.83188025	34 10 39.4098650	0.00005919	0.0007662	−0.234	50219.8	50219.8	50219.8	1	19
ICRF J201555.3 + 655452	2015 + 657	20 15 55.36867333	65 54 52.6592583	0.00004546	0.0003809	0.406	49827.5	49827.5	49827.5	1	109
ICRF J201645.6 + 360033	2014 + 358	20 16 45.61879053	36 00 33.3747318	0.00010529	0.0017609	0.495	52409.7	52409.7	52409.7	1	19
ICRF J201646.4 − 270848	2013 − 273	20 16 46.41586118	−27 08 48.1688946	0.00042732	0.0214844	0.563	53561.9	53561.9	53561.9	1	8
ICRF J201753.0 − 251450	2014 − 254	20 17 53.00196376	−25 14 50.0824575	0.00010801	0.0034004	−0.429	53153.2	53153.2	53153.2	1	25

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J201811.3 + 083154	2015 + 083	20 18 11.31194827	08 31 54.5474318	0.00001306	0.0004600	−0.348	49914.7	49914.7	49914.7	1	132
ICRF J201828.0 − 110955	2015 − 113	20 18 28.01425146	−11 09 55.4978315	0.00002372	0.0007783	−0.122	53153.2	53153.2	53153.2	1	70
ICRF J202006.5 + 294214	2018 + 295	20 20 06.56359314	29 42 14.1503012	0.00013803	0.0042011	−0.207	52409.7	52409.7	52409.7	1	9
ICRF J202135.2 + 051504	2019 + 050	20 21 35.28120311	05 15 04.7785042	0.00001617	0.0005506	−0.350	49914.7	49914.7	49914.7	1	123
ICRF J202235.5 + 761126	2023 + 760	20 22 35.57587137	76 11 26.1716017	0.00015408	0.0008591	0.733	49827.5	49827.5	49827.5	1	62
ICRF J202255.1 − 120404	2020 − 122	20 22 55.15456851	−12 04 04.7460789	0.00028444	0.0087680	0.391	53561.9	53561.9	53561.9	1	4
ICRF J202323.1 + 222352	2021 + 222	20 23 23.16021042	22 23 52.5263190	0.00003736	0.0013554	−0.620	50142.9	50085.5	50156.3	2	79
ICRF J202332.8 − 012342	2020 − 015	20 23 32.81638962	−01 23 42.1539875	0.00006330	0.0016661	−0.319	53560.8	53560.8	53560.8	1	14
ICRF J202422.7 + 002753	2021 + 003	20 24 22.71502013	00 27 53.1016590	0.00002989	0.0009318	−0.223	53561.9	53561.9	53561.9	1	60
ICRF J202435.5 − 325335	2021 − 330	20 24 35.57648522	−32 53 35.9126266	0.00004064	0.0013600	0.396	53126.1	53126.1	53126.1	1	30
ICRF J202524.9 + 502839	2023 + 503	20 25 24.97250098	50 28 39.5365596	0.00006058	0.0004560	−0.628	49938.7	49577.0	50306.3	2	121
ICRF J202540.6 − 073552	2022 − 077	20 25 40.66040914	−07 35 52.6885754	0.00001046	0.0003485	−0.265	50576.2	50576.2	50576.2	1	81
ICRF J202553.6 − 284548	2022 − 289	20 25 53.61284797	−28 45 48.6970384	0.00001420	0.0004754	0.015	53542.0	53523.9	53560.8	2	145
ICRF J202752.6 − 083155	2025 − 086	20 27 52.60104565	−08 31 55.8769496	0.00001633	0.0005383	−0.246	53552.8	53552.8	53552.8	1	80
ICRF J202918.9 + 463602	2027 + 464	20 29 18.93662938	46 36 02.2500981	0.00039591	0.0060024	−0.278	50306.3	50306.3	50306.3	1	12
ICRF J203015.1 − 062214	2027 − 065	20 30 15.13901161	−06 22 14.9337788	0.00001673	0.0005558	0.014	54088.1	54088.1	54088.1	1	61
ICRF J203022.4 − 050312	2027 − 052	20 30 22.42838311	−05 03 12.7753927	0.00003369	0.0009554	−0.537	53560.8	53560.8	53560.8	1	41
ICRF J203057.9 − 303924	2027 − 308	20 30 57.93370972	−30 39 24.3469204	0.00038586	0.0149369	0.100	53134.5	53134.5	53134.5	1	9
ICRF J203332.0 + 214622	2031 + 216	20 33 32.03143001	21 46 22.4101011	0.00012834	0.0014561	−0.118	50151.1	50085.5	50156.3	2	41
ICRF J203428.2 + 282039	2032 + 281	20 34 28.28376914	28 20 39.9882561	0.00022832	0.0031402	−0.696	53523.9	53523.9	53523.9	1	11
ICRF J203437.1 + 115431	2032 + 117	20 34 37.10982977	11 54 31.3837109	0.00011015	0.0016326	0.055	49914.7	49914.7	49914.7	1	43
ICRF J203454.4 − 164026	2032 − 168	20 34 54.46447988	−16 40 26.6114549	0.00007631	0.0022907	−0.102	53503.7	53503.7	53503.7	1	19
ICRF J203522.3 + 105606	2032 + 107	20 35 22.33330321	10 56 06.7885863	0.00000768	0.0002389	−0.088	49914.7	49914.7	49914.7	1	135
ICRF J203523.7 + 582118	2034 + 581	20 35 23.75213836	58 21 18.7456115	0.00025160	0.0016070	−0.141	49577.0	49577.0	49577.0	1	39
ICRF J203533.9 + 185705	2033 + 187	20 35 33.98337975	18 57 05.4666934	0.00085160	0.0129404	0.512	52306.7	52306.7	52306.7	1	3
ICRF J203640.7 − 062903	2034 − 066	20 36 40.70896282	−06 29 03.8475358	0.00001225	0.0003947	−0.176	53523.9	53523.9	53523.9	1	88
ICRF J203651.1 − 214636	2033 − 219	20 36 51.17270637	−21 46 36.7492557	0.00001878	0.0006578	−0.152	53552.8	53552.8	53552.8	1	76
ICRF J203727.9 − 152200	2034 − 155	20 37 27.93734840	−15 22 00.4984195	0.00030651	0.0070471	−0.211	53573.0	53573.0	53573.0	1	14
ICRF J203756.6 − 243832	2034 − 248	20 37 56.67495433	−24 38 32.5603154	0.00002634	0.0008891	−0.167	53560.8	53560.8	53560.8	1	60
ICRF J203909.9 − 031714	2036 − 034	20 39 09.98520077	−03 17 14.4118962	0.00034965	0.0070696	0.636	53561.9	53561.9	53561.9	1	6
ICRF J203934.8 + 215209	2037 + 216	20 39 34.80819998	21 52 09.6863762	0.00015192	0.0054820	−0.759	50135.3	50085.5	50156.3	2	27
ICRF J204027.7 − 170703	2037 − 172	20 40 27.73358680	−17 07 03.1051052	0.00005980	0.0017660	−0.239	53560.8	53560.8	53560.8	1	34
ICRF J204214.5 + 035613	2039 + 037	20 42 14.50252437	03 56 13.9370345	0.00300518	0.0152098	0.789	54088.1	54088.1	54088.1	1	4
ICRF J204254.2 − 225559	2039 − 231	20 42 54.25405267	−22 55 59.9007204	0.00002434	0.0007544	0.365	53552.8	53552.8	53552.8	1	71
ICRF J204257.2 − 222326	2040 − 225	20 42 57.27636743	−22 23 26.9166588	0.00024566	0.0066195	0.144	53573.0	53573.0	53573.0	1	12

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J204310.2 + 125513	2040 + 127	20 43 10.20912289	12 55 13.5711204	0.00005566	0.0019149	−0.691	50144.2	50085.5	50156.3	2	64
ICRF J204334.4 + 342316	2041 + 342	20 43 34.45316495	34 23 16.9949448	0.00040557	0.0041538	−0.142	53560.8	53560.8	53560.8	1	9
ICRF J204442.6 − 094038	2042 − 098	20 44 42.67520635	−09 40 38.7227720	0.00005620	0.0024155	−0.441	53153.2	53153.2	53153.2	1	38
ICRF J204545.4 + 154727	2043 + 156	20 45 45.49403463	15 47 27.3395226	0.00004827	0.0010843	0.274	53561.9	53561.9	53561.9	1	45
ICRF J204710.3 − 023622	2044 − 027	20 47 10.36654513	−02 36 22.1467270	0.00011450	0.0035702	−0.123	52306.7	52306.7	52306.7	1	12
ICRF J204737.6 − 184141	2044 − 188	20 47 37.65527503	−18 41 41.3520981	0.00002694	0.0012852	0.252	54112.8	54112.8	54112.8	1	45
ICRF J204753.7 + 534332	2046 + 535	20 47 53.79597573	53 43 32.3978362	0.00026933	0.0018780	0.227	49577.0	49577.0	49577.0	1	29
ICRF J204945.8 + 100314	2047 + 098	20 49 45.86498059	10 03 14.3982668	0.00001607	0.0005001	−0.258	49914.7	49914.7	49914.7	1	131
ICRF J205002.2 + 361952	2048 + 361	20 50 02.28437425	36 19 52.5020217	0.00014180	0.0019720	0.132	50242.8	50242.8	50242.8	1	20
ICRF J205006.2 + 040748	2047 + 039	20 50 06.24059175	04 07 48.8898223	0.00001786	0.0005775	−0.522	49914.7	49914.7	49914.7	1	105
ICRF J205024.6 − 262818	2047 − 266	20 50 24.69383597	−26 28 18.0565571	0.00002471	0.0008893	0.044	53561.9	53561.9	53561.9	1	72
ICRF J205135.5 + 174336	2049 + 175	20 51 35.58292147	17 43 36.9007714	0.00002823	0.0007292	−0.186	50130.1	50085.5	50156.3	2	124
ICRF J205243.6 + 161948	2050 + 161	20 52 43.61987407	16 19 48.8282844	0.00002620	0.0008029	−0.066	50139.8	50085.5	50156.3	2	116
ICRF J205252.0 + 363535	2050 + 364	20 52 52.05498177	36 35 35.3005039	0.00001284	0.0003400	−0.162	50242.8	50242.8	50242.8	1	65
ICRF J205302.5 + 351521	2051 + 350	20 53 02.54766618	35 15 21.9274165	0.00023653	0.0075342	−0.355	53560.8	53560.8	53560.8	1	7
ICRF J205309.3 + 224801	2050 + 226	20 53 09.36400676	22 48 01.4864229	0.00003311	0.0006187	0.429	53129.7	53126.1	53134.5	2	56
ICRF J205422.0 − 201616	2051 − 204	20 54 22.07246291	−20 16 16.8192628	0.00001680	0.0005653	−0.021	53153.2	53153.2	53153.2	1	89
ICRF J205538.8 + 612200	2054 + 611	20 55 38.83832280	61 22 00.6388498	0.00007983	0.0010684	−0.323	49692.6	49577.0	49827.5	2	78
ICRF J205550.2 − 041647	2053 − 044	20 55 50.25801430	−04 16 47.0809132	0.00002321	0.0006498	−0.089	50576.2	50576.2	50576.2	1	63
ICRF J205551.1 − 123444	2053 − 127	20 55 51.19935842	−12 34 44.2369591	0.00013503	0.0026474	0.527	53153.2	53153.2	53153.2	1	18
ICRF J205625.0 − 320847	2053 − 323	20 56 25.07022819	−32 08 47.8009689	0.00003024	0.0010583	−0.324	53126.1	53126.1	53126.1	1	26
ICRF J210039.1 + 261537	2058 + 260	21 00 39.10013322	26 15 37.0250605	0.00017079	0.0018172	−0.195	53134.5	53134.5	53134.5	1	22
ICRF J210240.2 + 601509	2101 + 600	21 02 40.21918875	60 15 09.8365852	0.00013779	0.0006420	−0.165	53793.9	49577.0	54088.1	2	46
ICRF J210245.8 − 331316	2059 − 334	21 02 45.88598335	−33 13 16.1822255	0.00014979	0.0075876	0.180	53134.5	53134.5	53134.5	1	16
ICRF J210507.7 + 003325	2102 + 003	21 05 07.71547628	00 33 25.0088936	0.00007361	0.0016587	0.262	53560.8	53560.8	53560.8	1	32
ICRF J210610.8 + 213535	2103 + 213	21 06 10.81819001	21 35 35.9965477	0.00001047	0.0003163	−0.225	52722.8	50085.5	53134.5	3	88
ICRF J210628.1 + 023137	2103 + 023	21 06 28.14880633	02 31 37.8003742	0.00002977	0.0009829	−0.082	53561.9	53561.9	53561.9	1	57
ICRF J210727.0 − 170810	2104 − 173	21 07 27.02171176	−17 08 10.3569134	0.00006000	0.0024582	−0.021	53523.9	53523.9	53523.9	1	35
ICRF J210812.3 − 245233	2105 − 250	21 08 12.32010938	−24 52 33.3215779	0.00014327	0.0043259	0.311	53153.2	53153.2	53153.2	1	16
ICRF J210931.8 + 353257	2107 + 353	21 09 31.87872044	35 32 57.5976419	0.00001002	0.0002223	−0.181	50242.8	50242.8	50242.8	1	135
ICRF J211000.9 − 102057	2107 − 105	21 10 00.97899686	−10 20 57.3189618	0.00001427	0.0003922	−0.200	50576.2	50576.2	50576.2	1	71
ICRF J211022.6 − 012658	2107 − 016	21 10 22.61909344	−01 26 58.2423212	0.00003309	0.0008917	0.071	53153.2	53153.2	53153.2	1	56
ICRF J211329.4 + 401251	2111 + 400	21 13 29.48630999	40 12 51.3882780	0.00008227	0.0010749	−0.307	53153.2	53153.2	53153.2	1	35
ICRF J211458.3 + 283257	2112 + 283	21 14 58.33362879	28 32 57.1970597	0.00001391	0.0004394	−0.317	50219.8	50219.8	50219.8	1	45
ICRF J211518.4 − 141643	2112 − 144	21 15 18.43555282	−14 16 43.3718159	0.00001600	0.0005295	−0.125	53552.8	53552.8	53552.8	1	78

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J211636.6 + 053617	2114 + 053	21 16 36.63486938	05 36 17.0451203	0.00001481	0.0005196	−0.052	54112.8	54112.8	54112.8	1	61
ICRF J211720.7 + 050304	2114 + 048	21 17 20.75708729	05 03 04.1129306	0.00002107	0.0007244	−0.390	49914.7	49914.7	49914.7	1	111
ICRF J211756.4 + 543132	2116 + 543	21 17 56.48450029	54 31 32.5083826	0.00057188	0.0094687	−0.334	53573.0	53573.0	53573.0	1	14
ICRF J211843.2 − 063617	2116 − 068	21 18 43.24228274	−06 36 17.9958743	0.00012019	0.0030663	0.584	53503.7	53503.7	53503.7	1	17
ICRF J211954.1 + 711036	2119 + 709	21 19 54.16438071	71 10 36.1071763	0.00073115	0.0048419	0.413	49827.5	49827.5	49827.5	1	11
ICRF J212031.7 + 443434	2118 + 443	21 20 31.77356155	44 34 34.2605485	0.00129712	0.0073950	−0.841	50306.3	50306.3	50306.3	1	6
ICRF J212041.1 + 053345	2118 + 053	21 20 41.18232607	05 33 45.0080521	0.00001652	0.0004908	−0.059	53134.5	53134.5	53134.5	1	74
ICRF J212046.2 + 664220	2119 + 664	21 20 46.20170454	66 42 20.2310179	0.00050904	0.0028815	0.655	52970.0	49827.5	54112.8	2	15
ICRF J212048.4 − 033028	2118 − 037	21 20 48.47358426	−03 30 28.9299433	0.00006400	0.0017187	0.104	53561.9	53561.9	53561.9	1	34
ICRF J212100.6 + 190128	2118 + 188	21 21 00.60657910	19 01 28.2814144	0.00009696	0.0022244	−0.658	50140.4	50085.5	50156.3	2	49
ICRF J212113.1 − 370308	2118 − 372	21 21 13.19378632	−37 03 08.9020809	0.00001722	0.0005316	−0.249	53126.1	53126.1	53126.1	1	26
ICRF J212305.3 + 550027	2121 + 547	21 23 05.31348090	55 00 27.3253234	0.00002583	0.0003098	−0.709	52739.4	49577.0	53134.5	3	91
ICRF J212331.8 + 461422	2121 + 460	21 23 31.82846389	46 14 22.9610929	0.00010560	0.0011777	−0.095	50306.3	50306.3	50306.3	1	41
ICRF J212455.3 − 143813	2122 − 148	21 24 55.34972261	−14 38 13.3188654	0.00016268	0.0033191	0.686	53561.9	53561.9	53561.9	1	26
ICRF J212526.1 + 244203	2123 + 244	21 25 26.17042529	24 42 03.5791223	0.00017701	0.0054537	0.311	53130.3	53126.1	53134.5	2	8
ICRF J212527.4 + 642339	2124 + 641	21 25 27.44706934	64 23 39.3542177	0.00005157	0.0006825	−0.304	49827.5	49827.5	49827.5	1	74
ICRF J212529.2 + 044135	2122 + 044	21 25 29.25542900	04 41 35.5215946	0.00001460	0.0005014	−0.158	49914.7	49914.7	49914.7	1	108
ICRF J212632.7 − 011932	2123 − 015	21 26 32.75746002	−01 19 32.4052349	0.00002083	0.0007202	−0.399	50576.2	50576.2	50576.2	1	67
ICRF J212921.4 − 182122	2126 − 185	21 29 21.41910347	−18 21 22.7904338	0.00001249	0.0004213	−0.057	50656.9	50632.3	50688.3	2	125
ICRF J213016.2 + 084355	2127 + 085	21 30 16.24974872	08 43 55.9278638	0.00000852	0.0002669	−0.013	52409.7	52409.7	52409.7	1	134
ICRF J213401.1 − 421843	2130 − 425	21 34 01.17258802	−42 18 43.2433963	0.00029774	0.0219002	0.388	53134.5	53134.5	53134.5	1	9
ICRF J213624.0 + 430142	2134 + 428	21 36 24.00639415	43 01 42.4725196	0.00026224	0.0024530	−0.298	53573.0	53573.0	53573.0	1	28
ICRF J213700.9 + 510136	2135 + 508	21 37 00.98622604	51 01 36.1289517	0.00002687	0.0001621	−0.159	52306.7	52306.7	52306.7	1	64
ICRF J213744.1 + 345542	2135 + 347	21 37 44.10284603	34 55 42.0948005	0.00013621	0.0065776	−0.104	53134.5	53134.5	53134.5	1	10
ICRF J213750.0 − 204231	2135 − 209	21 37 50.00785746	−20 42 31.6696123	0.00027528	0.0054174	0.417	52306.7	52306.7	52306.7	1	11
ICRF J213837.1 − 243954	2135 − 248	21 38 37.18110637	−24 39 54.4663412	0.00001515	0.0005020	−0.081	50657.0	50632.3	50688.3	2	127
ICRF J213847.4 − 184930	2136 − 190	21 38 47.44911398	−18 49 30.6704006	0.00020823	0.0053261	0.117	53560.8	53560.8	53560.8	1	17
ICRF J213938.1 + 131613	2137 + 130	21 39 38.14037353	13 16 13.0518760	0.00012853	0.0023258	0.149	53561.9	53561.9	53561.9	1	23
ICRF J213942.5 + 012227	2137 + 011	21 39 42.50890764	01 22 27.1672646	0.00008079	0.0017630	−0.182	49914.7	49914.7	49914.7	1	50
ICRF J214016.9 + 391144	2138 + 389	21 40 16.94709807	39 11 44.8554780	0.00008370	0.0015502	−0.077	50242.8	50242.8	50242.8	1	23
ICRF J214046.8 − 192356	2137 − 196	21 40 46.86020045	−19 23 56.0421844	0.00032698	0.0105257	−0.955	53573.0	53573.0	53573.0	1	23
ICRF J214056.5 − 280459	2138 − 283	21 40 56.52497614	−28 04 59.9556919	0.00025602	0.0091373	0.715	53503.7	53503.7	53503.7	1	17
ICRF J214215.9 − 255126	2139 − 260	21 42 15.92606536	−25 51 26.5927705	0.00040452	0.0116300	0.119	53523.9	53523.9	53523.9	1	9
ICRF J214230.9 − 244438	2139 − 249	21 42 30.95907213	−24 44 38.8326468	0.00002057	0.0007009	0.025	54112.8	54112.8	54112.8	1	71
ICRF J214236.9 − 043743	2140 − 048	21 42 36.90167606	−04 37 43.5126970	0.00003202	0.0008684	−0.503	50576.2	50576.2	50576.2	1	60

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J214241.9 − 230338	2139 − 232	21 42 41.94580187	−23 03 38.4844206	0.00021471	0.0075328	0.862	53560.8	53560.8	53560.8	1	14
ICRF J214350.1 + 333710	2141 + 333	21 43 50.13577529	33 37 10.8163439	0.00015212	0.0014576	0.220	53561.9	53561.9	53561.9	1	17
ICRF J214451.1 − 331255	2141 − 334	21 44 51.18569679	−33 12 55.0987604	0.00001707	0.0005164	−0.003	53134.5	53134.5	53134.5	1	36
ICRF J214655.1 + 042725	2144 + 042	21 46 55.19199900	04 27 25.4779601	0.00002026	0.0006552	−0.177	53560.8	53560.8	53560.8	1	72
ICRF J214731.1 − 360151	2144 − 362	21 47 31.12552006	−36 01 51.2868533	0.00033467	0.0147778	0.414	53126.1	53126.1	53126.1	1	5
ICRF J214816.0 + 610705	2146 + 608	21 48 16.04229735	61 07 05.7944158	0.00003706	0.0004192	0.336	52409.7	52409.7	52409.7	1	80
ICRF J214836.8 − 172344	2145 − 176	21 48 36.80084790	−17 23 44.0148349	0.00000858	0.0002896	−0.099	50632.3	50632.3	50632.3	1	71
ICRF J215023.6 + 144947	2147 + 145	21 50 23.60710592	14 49 47.8954533	0.00019781	0.0048212	−0.284	52409.7	52409.7	52409.7	1	10
ICRF J215053.0 − 281241	2147 − 284	21 50 53.08799485	−28 12 41.8152205	0.00002709	0.0009602	0.023	54112.8	54112.8	54112.8	1	45
ICRF J215121.9 − 274223	2148 − 279	21 51 21.90509173	−27 42 23.0089538	0.00001408	0.0004861	0.209	54088.1	54088.1	54088.1	1	62
ICRF J215131.4 + 070926	2149 + 069	21 51 31.42929846	07 09 26.7834302	0.00001583	0.0004031	−0.164	49914.7	49914.7	49914.7	1	102
ICRF J215350.9 + 432254	2151 + 431	21 53 50.95912929	43 22 54.5010828	0.00003009	0.0004170	−0.184	53134.5	53134.5	53134.5	1	54
ICRF J215407.4 − 150131	2151 − 152	21 54 07.43870777	−15 01 31.4693650	0.00006763	0.0021500	0.683	53561.9	53561.9	53561.9	1	38
ICRF J215440.9 + 172750	2152 + 172	21 54 40.90045215	17 27 50.7933669	0.00004310	0.0010539	0.387	50130.4	50085.5	50156.3	2	82
ICRF J215534.4 + 191448	2153 + 190	21 55 34.43680467	19 14 48.4883006	0.00017773	0.0032687	−0.646	53573.0	53573.0	53573.0	1	20
ICRF J215550.7 − 113947	2153 − 119	21 55 50.71837937	−11 39 47.9788311	0.00023946	0.0039118	−0.221	53560.8	53560.8	53560.8	1	14
ICRF J215614.7 − 003704	2153 − 008	21 56 14.75791251	−00 37 04.5943965	0.00000924	0.0002976	−0.078	50576.2	50576.2	50576.2	1	81
ICRF J215657.3 + 833714	2159 + 833	21 56 57.31597720	83 37 14.7226639	0.00123680	0.0012927	−0.790	50688.3	50688.3	50688.3	1	29
ICRF J215712.8 + 101424	2154 + 100	21 57 12.86045160	10 14 24.7982551	0.00002745	0.0007818	−0.116	49914.7	49914.7	49914.7	1	75
ICRF J215729.1 − 180702	2154 − 183	21 57 29.12379175	−18 07 02.8660088	0.00010553	0.0025647	0.120	50632.3	50632.3	50632.3	1	29
ICRF J215934.2 − 010554	2156 − 013	21 59 34.27575198	−01 05 54.8913664	0.00022278	0.0032737	0.362	53561.9	53561.9	53561.9	1	15
ICRF J220014.1 + 213757	2157 + 213	22 00 14.19762462	21 37 57.0410978	0.00034500	0.0041345	0.704	50152.8	50085.5	50156.3	2	20
ICRF J220016.9 − 371657	2157 − 375	22 00 16.96659486	−37 16 57.0514540	0.00022324	0.0084847	−0.765	53503.7	53503.7	53503.7	1	4
ICRF J220054.8 − 163232	2158 − 167	22 00 54.87887425	−16 32 32.7012203	0.00006237	0.0020741	−0.778	53126.1	53126.1	53126.1	1	32
ICRF J220127.5 + 031215	2158 + 029	22 01 27.50872648	03 12 15.1629664	0.00002087	0.0006215	−0.148	49914.7	49914.7	49914.7	1	118
ICRF J220255.9 − 233510	2200 − 238	22 02 55.99949471	−23 35 10.2462175	0.00001309	0.0004023	−0.307	50655.3	50632.3	50688.3	2	124
ICRF J220312.6 + 675047	2201 + 676	22 03 12.62275205	67 50 47.6737213	0.00006912	0.0004465	−0.508	53829.8	49827.5	54088.1	2	66
ICRF J220330.9 + 100742	2201 + 098	22 03 30.95265516	10 07 42.5859399	0.00027564	0.0024095	−0.034	49914.7	49914.7	49914.7	1	18
ICRF J220421.1 + 363237	2202 + 363	22 04 21.10048271	36 32 37.0916492	0.00011447	0.0015770	−0.589	50242.8	50242.8	50242.8	1	20
ICRF J220546.5 + 292655	2203 + 292	22 05 46.50641817	29 26 55.1313309	0.00008713	0.0011696	0.160	53561.9	53561.9	53561.9	1	36
ICRF J220641.3 − 211940	2203 − 215	22 06 41.38228809	−21 19 40.5140518	0.00004759	0.0012551	0.697	53134.5	53134.5	53134.5	1	39
ICRF J220823.9 + 742338	2207 + 741	22 08 23.95452050	74 23 38.3422096	0.00043750	0.0033286	−0.035	53560.8	53560.8	53560.8	1	17
ICRF J220921.4 + 515801	2207 + 517	22 09 21.48687555	51 58 01.8337836	0.00017089	0.0016859	0.472	49577.0	49577.0	49577.0	1	53
ICRF J221006.0 + 085729	2207 + 087	22 10 06.05031280	08 57 29.5635342	0.00010721	0.0024006	0.512	54112.8	54112.8	54112.8	1	23
ICRF J221051.6 + 201324	2208 + 199	22 10 51.65233513	20 13 24.0532580	0.00023168	0.0032315	0.714	53561.9	53561.9	53561.9	1	6

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J221150.5 − 370704	2208 − 373	22 11 50.52608835	−37 07 04.9821134	0.00033047	0.0210525	−0.039	53153.2	53153.2	53153.2	1	10
ICRF J221153.8 + 184149	2209 + 184	22 11 53.88888932	18 41 49.8611414	0.00004373	0.0010752	0.078	53573.0	53573.0	53573.0	1	58
ICRF J221201.5 + 081916	2209 + 080	22 12 01.58933762	08 19 16.5102234	0.00003520	0.0014960	−0.079	53523.9	53523.9	53523.9	1	29
ICRF J221207.9 + 330834	2209 + 328	22 12 07.97727648	33 08 34.5189774	0.00005981	0.0009364	−0.036	50219.8	50219.8	50219.8	1	46
ICRF J221239.1 + 275938	2210 + 277	22 12 39.10339642	27 59 38.4545949	0.00022935	0.0051717	0.547	54112.8	54112.8	54112.8	1	14
ICRF J221250.8 + 064608	2210 + 065	22 12 50.83928693	06 46 08.7410283	0.00001913	0.0006325	0.022	49914.7	49914.7	49914.7	1	122
ICRF J221310.2 + 362355	2210 + 361	22 13 10.22291461	36 23 55.1740410	0.00066587	0.0090005	−0.892	53561.9	53561.9	53561.9	1	5
ICRF J221408.8 + 071142	2211 + 069	22 14 08.86159951	07 11 42.3933442	0.00002336	0.0008284	−0.396	49914.7	49914.7	49914.7	1	62
ICRF J221446.4 − 252116	2211 − 256	22 14 46.40175918	−25 21 16.0952596	0.00109638	0.0372035	−0.767	53573.0	53573.0	53573.0	1	6
ICRF J221516.0 − 294423	2212 − 299	22 15 16.03453501	−29 44 23.3333871	0.00003845	0.0016871	0.594	50820.9	50688.3	54664.7	2	30
ICRF J221642.7 + 310235	2214 + 307	22 16 42.71044038	31 02 35.3641074	0.00002615	0.0004697	−0.220	50219.8	50219.8	50219.8	1	59
ICRF J221702.1 − 190203	2214 − 192	22 17 02.16573346	−19 02 03.8246037	0.00002580	0.0008054	−0.051	53134.5	53134.5	53134.5	1	60
ICRF J221717.5 + 315649	2215 + 316	22 17 17.57636899	31 56 49.9950565	0.00001718	0.0004095	−0.293	50219.8	50219.8	50219.8	1	80
ICRF J221935.3 − 271903	2216 − 275	22 19 35.32091243	−27 19 03.2904220	0.00139340	0.0106954	0.629	54088.1	54088.1	54088.1	1	11
ICRF J221938.5 + 214112	2217 + 214	22 19 38.52140145	21 41 12.5583974	0.00059723	0.0180507	0.056	53573.0	53573.0	53573.0	1	7
ICRF J221947.2 − 005132	2217 − 011	22 19 47.28245196	−00 51 32.5552262	0.00003276	0.0012251	−0.492	54112.8	54112.8	54112.8	1	42
ICRF J221949.7 + 261327	2217 + 259	22 19 49.74111932	26 13 27.9438546	0.00011113	0.0048054	−0.035	50219.8	50219.8	50219.8	1	20
ICRF J222245.1 + 134454	2220 + 134	22 22 45.16318131	13 44 54.4483801	0.00002727	0.0008368	−0.015	53560.8	53560.8	53560.8	1	61
ICRF J222252.9 + 121349	2220 + 119	22 22 52.98900804	12 13 49.8087244	0.00004949	0.0010577	−0.340	49914.7	49914.7	49914.7	1	71
ICRF J222256.0 − 114426	2220 − 119	22 22 56.00537445	−11 44 26.3679922	0.00035982	0.0090109	0.615	53503.7	53503.7	53503.7	1	9
ICRF J222318.0 + 624933	2221 + 625	22 23 18.09659524	62 49 33.8054934	0.00017134	0.0022052	0.146	53688.2	53134.5	54088.1	2	31
ICRF J222407.9 − 112621	2221 − 116	22 24 07.96268719	−11 26 21.1065780	0.00001437	0.0004355	0.046	50576.2	50576.2	50576.2	1	87
ICRF J222543.7 − 111340	2223 − 114	22 25 43.71839674	−11 13 40.6978039	0.00001162	0.0004050	−0.216	50576.2	50576.2	50576.2	1	90
ICRF J222646.5 + 005211	2224 + 006	22 26 46.53701754	00 52 11.3315498	0.00001462	0.0005211	−0.325	49914.7	49914.7	49914.7	1	125
ICRF J222850.4 + 441908	2226 + 440	22 28 50.46312433	44 19 08.4433599	0.00019586	0.0016091	−0.541	50306.3	50306.3	50306.3	1	25
ICRF J222951.8 + 011456	2227 + 009	22 29 51.80191804	01 14 56.7227921	0.00006279	0.0011461	0.234	53126.1	53126.1	53126.1	1	40
ICRF J223015.3 − 132542	2227 − 136	22 30 15.30602336	−13 25 42.9007954	0.00003138	0.0011202	−0.377	53560.8	53560.8	53560.8	1	32
ICRF J223139.6 − 142222	2228 − 146	22 31 39.62622857	−14 22 22.9712715	0.00005633	0.0020479	0.339	53561.9	53561.9	53561.9	1	42
ICRF J223332.4 + 424539	2231 + 425	22 33 32.40650870	42 45 39.9246436	0.00004416	0.0008332	0.138	50242.8	50242.8	50242.8	1	36
ICRF J223358.4 + 100852	2231 + 098	22 33 58.45034203	10 08 52.1150672	0.00010253	0.0018433	−0.078	49914.7	49914.7	49914.7	1	22
ICRF J223457.4 − 205503	2232 − 211	22 34 57.44033739	−20 55 03.2381764	0.00006687	0.0016854	−0.712	50648.3	50632.3	50688.3	2	56
ICRF J223556.1 − 182612	2233 − 186	22 35 56.17105474	−18 26 12.5854256	0.00176691	0.0817404	−0.996	54088.1	54088.1	54088.1	1	5
ICRF J223609.5 − 170621	2233 − 173	22 36 09.52276252	−17 06 21.9731876	0.00001345	0.0004572	−0.171	50632.3	50632.3	50632.3	1	73
ICRF J223626.2 − 230926	2233 − 234	22 36 26.23864741	−23 09 26.5966450	0.00003576	0.0012800	−0.274	53573.0	53573.0	53573.0	1	63
ICRF J223704.2 + 421648	2234 + 420	22 37 04.20978321	42 16 48.2620193	0.00003824	0.0006500	0.090	54112.8	54112.8	54112.8	1	57

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J223718.3 − 250632	2234 − 253	22 37 18.35540261	−25 06 32.5182192	0.00021436	0.0066529	0.404	53560.8	53560.8	53560.8	1	11
ICRF J223810.3 + 072413	2235 + 071	22 38 10.39572454	07 24 13.9857143	0.00001388	0.0004446	−0.010	53561.9	53561.9	53561.9	1	81
ICRF J223812.8 + 274952	2235 + 275	22 38 12.87361920	27 49 52.7730335	0.00003788	0.0008039	−0.307	53573.0	53573.0	53573.0	1	67
ICRF J223815.0 + 680459	2236 + 678	22 38 15.02952486	68 04 59.7601288	0.00513122	0.0366245	−0.992	54088.1	54088.1	54088.1	1	9
ICRF J223834.6 + 124250	2236 + 124	22 38 34.60484999	12 42 50.7822946	0.00003458	0.0010626	−0.554	50135.7	50085.5	50156.3	2	86
ICRF J223923.7 − 215315	2236 − 221	22 39 23.71697071	−21 53 15.4358879	0.00053396	0.0232833	0.451	53560.8	53560.8	53560.8	1	3
ICRF J224019.8 + 513311	2238 + 512	22 40 19.87840855	51 33 11.7962667	0.00006638	0.0007419	−0.529	50024.0	49577.0	50306.3	2	93
ICRF J224107.2 + 412011	2238 + 410	22 41 07.20523281	41 20 11.6183276	0.00002303	0.0006629	−0.172	50242.8	50242.8	50242.8	1	45
ICRF J224326.4 − 254430	2240 − 260	22 43 26.40878862	−25 44 30.6877978	0.00001623	0.0004827	−0.412	50652.4	50632.3	50688.3	2	103
ICRF J224412.7 + 405713	2241 + 406	22 44 12.73111025	40 57 13.6209885	0.00004160	0.0007786	−0.360	50242.8	50242.8	50242.8	1	32
ICRF J224435.1 + 260020	2242 + 257	22 44 35.14739442	26 00 20.7015673	0.00017455	0.0018421	−0.731	53573.0	53573.0	53573.0	1	28
ICRF J224528.2 + 032408	2242 + 031	22 45 28.28473529	03 24 08.8639719	0.00001384	0.0004335	−0.025	49914.7	49914.7	49914.7	1	118
ICRF J224549.0 − 075519	2243 − 081	22 45 49.00380227	−07 55 19.3813292	0.00002533	0.0008173	−0.364	53560.8	53560.8	53560.8	1	53
ICRF J224730.1 + 000006	2244 − 002	22 47 30.19597903	00 00 06.4629016	0.00001008	0.0003364	−0.263	50576.2	50576.2	50576.2	1	87
ICRF J224751.8 + 472307	2245 + 471	22 47 51.81696421	47 23 07.7688432	0.00021472	0.0030927	0.367	53134.5	53134.5	53134.5	1	12
ICRF J224752.1 − 085022	2245 − 091	22 47 52.19294778	−08 50 22.0808738	0.00015622	0.0043782	0.237	53561.9	53561.9	53561.9	1	13
ICRF J224752.6 − 123719	2245 − 128	22 47 52.64105485	−12 37 19.7214328	0.00002636	0.0008717	−0.105	50576.2	50576.2	50576.2	1	21
ICRF J224758.6 + 031042	2245 + 029	22 47 58.68206698	03 10 42.3534877	0.00002101	0.0006184	−0.083	49914.7	49914.7	49914.7	1	119
ICRF J224800.0 − 054118	2245 − 059	22 48 00.08053532	−05 41 18.2182939	0.00003779	0.0013182	−0.731	50576.2	50576.2	50576.2	1	66
ICRF J224837.9 + 371812	2246 + 370	22 48 37.91049719	37 18 12.4630616	0.00002116	0.0005941	−0.173	50242.8	50242.8	50242.8	1	45
ICRF J224919.0 − 303912	2246 − 309	22 49 19.04185351	−30 39 12.6319986	0.00002835	0.0008128	−0.680	53126.1	53126.1	53126.1	1	37
ICRF J224944.9 + 133109	2247 + 132	22 49 44.94687220	13 31 09.4792649	0.00040021	0.0057090	−0.550	50140.6	50085.5	50156.3	2	18
ICRF J224954.5 + 113630	2247 + 113	22 49 54.58597467	11 36 30.8467145	0.00008695	0.0017007	0.160	52409.7	52409.7	52409.7	1	16
ICRF J224959.6 − 125116	2247 − 131	22 49 59.61249957	−12 51 16.8250335	0.00007953	0.0038956	−0.565	50576.2	50576.2	50576.2	1	34
ICRF J225042.8 + 555014	2248 + 555	22 50 42.85101651	55 50 14.5808958	0.00004934	0.0006163	−0.253	49577.0	49577.0	49577.0	1	101
ICRF J225044.4 − 280639	2247 − 283	22 50 44.49238610	−28 06 39.3302221	0.00001886	0.0006879	−0.053	54088.1	54088.1	54088.1	1	71
ICRF J225228.6 − 204731	2249 − 210	22 52 28.68050002	−20 47 31.5385805	0.00010035	0.0035780	−0.052	53560.8	53560.8	53560.8	1	26
ICRF J225248.1 + 704315	2251 + 704	22 52 48.16047530	70 43 15.8246038	0.00130676	0.0021227	0.335	49827.5	49827.5	49827.5	1	14
ICRF J225312.4 + 323604	2250 + 323	22 53 12.49978628	32 36 04.3264982	0.00003291	0.0006829	−0.236	53561.9	53561.9	53561.9	1	52
ICRF J225321.1 + 023613	2250 + 023	22 53 21.10446562	02 36 13.0414577	0.00010028	0.0021836	0.019	53560.8	53560.8	53560.8	1	17
ICRF J225404.4 + 005420	2251 + 006	22 54 04.40616009	00 54 20.9527108	0.00004716	0.0011441	−0.329	49914.7	49914.7	49914.7	1	57
ICRF J225409.3 + 244523	2251 + 244	22 54 09.34189749	24 45 23.4226569	0.00001799	0.0005356	−0.199	50219.8	50219.8	50219.8	1	65
ICRF J225421.0 + 134148	2251 + 134	22 54 21.01621626	13 41 48.6756717	0.00000947	0.0003007	−0.146	53134.5	53134.5	53134.5	1	73
ICRF J225425.2 + 620938	2252 + 618	22 54 25.29332945	62 09 38.7424357	0.00199412	0.0355617	−0.233	52409.7	52409.7	52409.7	1	4
ICRF J225600.1 − 273556	2253 − 278	22 56 00.15574757	−27 35 56.1194876	0.00004024	0.0015634	0.508	50650.6	50632.3	50688.3	2	58

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J225610.6 + 230145	2253 + 227	22 56 10.67501265	23 01 45.1751301	0.00121515	0.0077356	−0.673	54112.8	54112.8	54112.8	1	4
ICRF J225641.2 − 201140	2254 − 204	22 56 41.20771748	−20 11 40.5098346	0.00001302	0.0004289	−0.139	50653.4	50632.3	50688.3	2	106
ICRF J225722.0 + 572030	2255 + 570	22 57 22.04602737	57 20 30.1949082	0.00027168	0.0051345	−0.457	52409.7	52409.7	52409.7	1	11
ICRF J225722.0 + 415416	2255 + 416	22 57 22.07289310	41 54 16.5308113	0.00003211	0.0010056	−0.385	50242.8	50242.8	50242.8	1	39
ICRF J225857.7 + 020342	2256 + 017	22 58 57.75251090	02 03 42.2894346	0.00016021	0.0033346	−0.771	49914.7	49914.7	49914.7	1	31
ICRF J225857.9 + 571906	2256 + 570	22 58 57.94119091	57 19 06.4630701	0.00005866	0.0003965	0.275	53126.1	53126.1	53126.1	1	59
ICRF J225900.6 − 081103	2256 − 084	22 59 00.68881424	−08 11 03.0433498	0.00004034	0.0014885	−0.531	53573.0	53573.0	53573.0	1	53
ICRF J225929.9 − 292043	2256 − 296	22 59 29.93350222	−29 20 43.7991278	0.00002138	0.0006588	−0.001	52409.7	52409.7	52409.7	1	58
ICRF J230018.3 + 103754	2257 + 103	23 00 18.31253543	10 37 54.0834194	0.00002696	0.0009046	−0.438	53560.8	53560.8	53560.8	1	60
ICRF J230025.5 − 264422	2257 − 270	23 00 25.50072573	−26 44 22.7809499	0.00002599	0.0009324	−0.343	50647.1	50632.3	50688.3	2	68
ICRF J230040.8 + 033710	2258 + 033	23 00 40.88576651	03 37 10.8391916	0.00004042	0.0011560	0.153	49914.7	49914.7	49914.7	1	63
ICRF J230107.9 − 015804	2258 − 022	23 01 07.97846578	−01 58 04.5859425	0.00001069	0.0003454	−0.056	50576.2	50576.2	50576.2	1	90
ICRF J230126.6 + 570625	2259 + 568	23 01 26.62691622	57 06 25.5088924	0.00049339	0.0035947	−0.051	49827.5	49827.5	49827.5	1	11
ICRF J230127.7 + 372649	2259 + 371	23 01 27.73738998	37 26 49.2431188	0.00002139	0.0007204	−0.246	50242.8	50242.8	50242.8	1	45
ICRF J230223.8 − 371806	2259 − 375	23 02 23.88789758	−37 18 06.8388446	0.00092321	0.0099298	−0.178	51600.8	48162.4	53503.7	3	5
ICRF J230241.3 + 640552	2300 + 638	23 02 41.31499697	64 05 52.8488544	0.00002963	0.0003114	−0.040	53408.3	49827.5	54088.1	3	133
ICRF J230302.9 − 184125	2300 − 189	23 03 02.97600040	−18 41 25.8226415	0.00001596	0.0005720	0.381	50650.7	50632.3	50688.3	2	76
ICRF J230304.0 + 385348	2300 + 386	23 03 04.06583124	38 53 48.3659717	0.00002442	0.0007258	−0.295	50242.8	50242.8	50242.8	1	43
ICRF J230309.9 + 143141	2300 + 142	23 03 09.95279304	14 31 41.3544596	0.00002650	0.0007316	0.074	54112.8	54112.8	54112.8	1	49
ICRF J230357.9 − 100219	2301 − 103	23 03 57.91964462	−10 02 19.2072201	0.00046373	0.0190368	0.735	53561.9	53561.9	53561.9	1	6
ICRF J230517.5 + 824249	2304 + 824	23 05 17.53977228	82 42 49.1562882	0.00023693	0.0009419	0.110	53560.8	53560.8	53560.8	1	26
ICRF J230615.3 − 045948	2303 − 052	23 06 15.31708917	−04 59 48.2849740	0.00002034	0.0006483	−0.176	50576.2	50576.2	50576.2	1	83
ICRF J230715.9 + 323031	2304 + 322	23 07 15.91256323	32 30 31.9366321	0.00002182	0.0004159	−0.495	50219.8	50219.8	50219.8	1	72
ICRF J230738.6 − 224752	2304 − 230	23 07 38.65485318	−22 47 52.9948760	0.00001644	0.0004954	−0.026	50648.7	50632.3	50688.3	2	75
ICRF J230811.6 + 200842	2305 + 198	23 08 11.63647969	20 08 42.1950305	0.00006762	0.0013516	−0.156	50123.7	50085.5	50156.3	2	50
ICRF J230844.1 + 094626	2306 + 095	23 08 44.17161506	09 46 26.1111683	0.00001317	0.0004253	0.050	53126.1	53126.1	53126.1	1	45
ICRF J230926.6 + 682010	2307 + 680	23 09 26.66609088	68 20 10.7564109	0.00006909	0.0003628	−0.099	53705.7	49827.5	54088.1	2	78
ICRF J231105.3 + 342510	2308 + 341	23 11 05.32880057	34 25 10.9049783	0.00001166	0.0002583	−0.129	52409.7	52409.7	52409.7	1	73
ICRF J231219.6 + 724126	2310 + 724	23 12 19.69785092	72 41 26.9175447	0.00007513	0.0005410	0.078	49827.5	49827.5	49827.5	1	59
ICRF J231258.7 + 384742	2310 + 385	23 12 58.79404477	38 47 42.6603069	0.00006290	0.0008760	0.370	50242.8	50242.8	50242.8	1	25
ICRF J231549.8 + 863143	2316 + 862	23 15 49.81987387	86 31 43.5956512	0.00086723	0.0007268	0.326	53560.8	53560.8	53560.8	1	48
ICRF J231621.0 − 433746	2313 − 439	23 16 21.09981165	−43 37 46.9020343	0.00020381	0.0134765	0.265	52363.9	52306.7	52409.7	2	18
ICRF J231741.5 + 290222	2315 + 287	23 17 41.56199865	29 02 22.7699755	0.00008020	0.0009524	−0.438	53561.9	53561.9	53561.9	1	40
ICRF J231806.8 − 401006	2315 − 404	23 18 06.86207699	−40 10 06.2217757	0.00014400	0.0069652	−0.910	53503.7	53503.7	53503.7	1	15
ICRF J231811.3 − 165929	2315 − 172	23 18 11.36140447	−16 59 29.1878280	0.00001956	0.0006801	0.010	53558.7	53552.8	53573.0	2	96

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J231833.9 + 240439	2316 + 238	23 18 33.96786857	24 04 39.7496509	0.00001915	0.0005054	−0.104	54112.8	54112.8	54112.8	1	62
ICRF J232046.7 + 182925	2318 + 182	23 20 46.77596767	18 29 25.7753376	0.00003128	0.0008822	0.248	53560.8	53560.8	53560.8	1	55
ICRF J232118.2 − 082721	2318 − 087	23 21 18.25023346	−08 27 21.5214626	0.00002308	0.0007046	0.157	50576.2	50576.2	50576.2	1	80
ICRF J232209.0 + 691103	2320 + 689	23 22 09.04522965	69 11 03.4168253	0.00006795	0.0004731	−0.123	53130.1	53126.1	53134.5	2	65
ICRF J232228.5 + 184324	2319 + 184	23 22 28.56882681	18 43 24.8985802	0.00003589	0.0008362	0.219	50135.8	50085.5	50156.3	2	107
ICRF J232236.0 + 081201	2320 + 079	23 22 36.08942498	08 12 01.5923398	0.00003583	0.0007908	−0.301	49914.7	49914.7	49914.7	1	62
ICRF J232304.6 − 015048	2320 − 021	23 23 04.62987469	−01 50 48.1134088	0.00004090	0.0009286	0.222	50576.2	50576.2	50576.2	1	60
ICRF J232339.1 − 061759	2321 − 065	23 23 39.11373346	−06 17 59.2388099	0.00002500	0.0007484	0.357	53561.9	53561.9	53561.9	1	64
ICRF J232344.6 − 161252	2321 − 164	23 23 44.63142774	−16 12 52.1234322	0.00013405	0.0030736	0.102	53573.0	53573.0	53573.0	1	28
ICRF J232428.0 − 211900	2321 − 215	23 24 28.05630658	−21 19 00.5051171	0.00038218	0.0156818	0.675	53560.8	53560.8	53560.8	1	6
ICRF J232503.3 − 405130	2322 − 411	23 25 03.38032023	−40 51 30.0682835	0.00190832	0.0492654	0.717	52409.7	52409.7	52409.7	1	3
ICRF J232544.9 + 480625	2323 + 478	23 25 44.91236773	48 06 25.2877337	0.00057348	0.0036077	−0.830	50306.3	50306.3	50306.3	1	11
ICRF J232625.6 + 011208	2323 + 009	23 26 25.64376927	01 12 08.6922260	0.00025855	0.0057489	−0.826	49914.7	49914.7	49914.7	1	14
ICRF J232706.4 + 801258	2325 + 799	23 27 06.42561810	80 12 58.9351668	0.00016161	0.0006557	−0.425	53573.0	53573.0	53573.0	1	76
ICRF J232721.9 + 152437	2324 + 151	23 27 21.96597427	15 24 37.3104136	0.00007055	0.0014029	−0.260	50136.2	50085.5	50156.3	2	67
ICRF J232735.9 + 153309	2325 + 152	23 27 35.98489116	15 33 09.5751778	0.00003338	0.0008144	−0.140	53561.9	53561.9	53561.9	1	46
ICRF J232752.8 + 764308	2325 + 764	23 27 52.82258463	76 43 08.6439520	0.00031082	0.0019681	0.302	53523.9	53523.9	53523.9	1	21
ICRF J232824.8 + 192958	2325 + 192	23 28 24.87477433	19 29 58.0301003	0.00019504	0.0023709	0.608	53560.8	53560.8	53560.8	1	18
ICRF J232905.7 + 083415	2326 + 082	23 29 05.78674237	08 34 15.8538762	0.00003701	0.0012756	−0.421	49914.7	49914.7	49914.7	1	50
ICRF J233013.7 + 334836	2327 + 335	23 30 13.73765215	33 48 36.4715643	0.00001229	0.0002887	−0.346	50219.8	50219.8	50219.8	1	81
ICRF J233037.6 − 453958	2327 − 459	23 30 37.68043323	−45 39 58.1056336	0.00032134	0.0099469	0.826	52306.7	52306.7	52306.7	1	9
ICRF J233046.1 + 315533	2328 + 316	23 30 46.15996711	31 55 33.5074587	0.00002258	0.0005651	−0.210	50219.8	50219.8	50219.8	1	68
ICRF J233257.5 + 083810	2330 + 083	23 32 57.59623954	08 38 10.4268290	0.00004878	0.0009448	−0.175	49914.7	49914.7	49914.7	1	66
ICRF J233302.5 + 390112	2330 + 387	23 33 02.53339768	39 01 12.0489037	0.00003748	0.0008690	−0.071	50242.8	50242.8	50242.8	1	58
ICRF J233316.6 − 013107	2330 − 017	23 33 16.68836814	−01 31 07.3865852	0.00002272	0.0007255	0.241	50576.2	50576.2	50576.2	1	76
ICRF J233412.8 + 073627	2331 + 073	23 34 12.82815798	07 36 27.5514563	0.00000759	0.0002195	0.024	51343.9	49914.7	54112.8	3	205
ICRF J233518.7 − 290716	2332 − 293	23 35 18.72720689	−29 07 16.6096579	0.00006555	0.0032867	0.247	50688.3	50688.3	50688.3	1	14
ICRF J233520.4 − 013109	2332 − 017	23 35 20.41206807	−01 31 09.5916342	0.00002607	0.0005813	0.280	50576.2	50576.2	50576.2	1	72
ICRF J233921.1 + 601011	2336 + 598	23 39 21.12520569	60 10 11.8492190	0.00003891	0.0004459	−0.462	52409.7	52409.7	52409.7	1	64
ICRF J233929.7 + 024405	2336 + 024	23 39 29.71056446	02 44 05.3555909	0.00016190	0.0057535	−0.578	53153.2	53153.2	53153.2	1	12
ICRF J233953.5 − 231039	2337 − 234	23 39 53.57725066	−23 10 39.2240269	0.00021701	0.0081469	0.654	53561.9	53561.9	53561.9	1	18
ICRF J233954.5 − 331016	2337 − 334	23 39 54.53521077	−33 10 16.8817618	0.00005453	0.0018958	−0.692	52306.7	52306.7	52306.7	1	33
ICRF J234023.6 − 005326	2337 − 011	23 40 23.67018764	−00 53 26.9990491	0.00042872	0.0061513	0.707	53573.0	53573.0	53573.0	1	10
ICRF J234057.2 + 331902	2338 + 330	23 40 57.29949032	33 19 02.6213911	0.00002028	0.0003591	0.192	53134.5	53134.5	53134.5	1	81
ICRF J234106.9 + 001833	2338 + 000	23 41 06.90894668	00 18 33.3490768	0.00083649	0.0155242	−0.264	49914.7	49914.7	49914.7	1	3

(continued on next page)

(Table 20: continued)

Designation[a]	Source[b]	α	δ	σ_α (s)	σ_δ ($''$)	$C_{\alpha-\delta}$	Epoch of Observation Mean	First	Last	$N_{\rm exp}$	$N_{\rm obs}$
ICRF J234247.9 − 222340	2340 − 226	23 42 47.98369526	−22 23 40.1987941	0.00017926	0.0056629	0.061	53561.9	53561.9	53561.9	1	18
ICRF J234342.7 + 154302	2341 + 154	23 43 42.74913992	15 43 02.9782405	0.00006342	0.0018972	−0.253	53523.2	53503.7	53573.0	2	32
ICRF J234343.7 + 700319	2341 + 697	23 43 43.73435070	70 03 19.4067541	0.00010091	0.0008940	−0.616	53761.3	53560.8	54088.1	2	71
ICRF J234403.7 + 822640	2342 + 821	23 44 03.76951137	82 26 40.4018962	0.00258296	0.0033275	−0.086	52409.7	52409.7	52409.7	1	9
ICRF J234422.5 + 295220	2341 + 295	23 44 22.55242258	29 52 20.7009948	0.00063880	0.0043110	0.074	53523.9	53523.9	53523.9	1	7
ICRF J234512.4 − 155507	2342 − 161	23 45 12.46232090	−15 55 07.8343000	0.00001230	0.0004191	−0.162	53552.8	53552.8	53552.8	1	90
ICRF J234639.9 + 070506	2344 + 068	23 46 39.93323868	07 05 06.8460024	0.00061819	0.0044840	−0.189	49914.7	49914.7	49914.7	1	10
ICRF J234646.2 + 301159	2344 + 299	23 46 46.25078350	30 11 59.2492984	0.00008082	0.0015739	−0.445	53503.7	53503.7	53503.7	1	19
ICRF J234704.8 + 514217	2344 + 514	23 47 04.83670343	51 42 17.8816190	0.00013295	0.0012194	−0.572	53992.8	53573.0	54112.8	2	36
ICRF J234708.6 − 185618	2344 − 192	23 47 08.62672125	−18 56 18.8579352	0.00004413	0.0012728	0.032	50647.5	50632.3	50688.3	2	44
ICRF J234735.1 + 271901	2345 + 270	23 47 35.17486513	27 19 01.4938879	0.00002069	0.0005267	−0.323	53561.9	53561.9	53561.9	1	71
ICRF J234811.7 − 042556	2345 − 047	23 48 11.75774170	−04 25 56.3816594	0.00001259	0.0004116	−0.072	53539.3	53523.9	53560.8	2	149
ICRF J234920.8 + 384917	2346 + 385	23 49 20.82652500	38 49 17.5585063	0.00001327	0.0002595	−0.467	50242.8	50242.8	50242.8	1	89
ICRF J234921.0 + 053439	2346 + 052	23 49 21.05151098	05 34 39.8727098	0.00001370	0.0004344	0.016	52916.3	49914.7	53153.2	2	82
ICRF J235002.0 + 110636	2347 + 108	23 50 02.03087598	11 06 36.7043725	0.00007688	0.0018919	0.141	49914.7	49914.7	49914.7	1	28
ICRF J235010.0 + 081255	2347 + 079	23 50 10.07936990	08 12 55.2779967	0.00018564	0.0028047	−0.029	53561.9	53561.9	53561.9	1	16
ICRF J235146.0 − 220309	2349 − 223	23 51 46.00684076	−22 03 09.6593321	0.00003858	0.0012085	0.096	53573.0	53573.0	53573.0	1	52
ICRF J235248.9 + 394756	2350 + 395	23 52 48.90728832	39 47 56.2240709	0.00002739	0.0006362	−0.184	53560.8	53560.8	53560.8	1	66
ICRF J235252.8 + 704448	2350 + 704	23 52 52.85433083	70 44 48.3275403	0.00078511	0.0050130	0.828	49827.5	49827.5	49827.5	1	11
ICRF J235342.2 + 551840	2351 + 550	23 53 42.29978135	55 18 40.6675165	0.00005262	0.0007349	0.008	49827.5	49827.5	49827.5	1	54
ICRF J235409.1 − 001947	2351 − 006	23 54 09.17590087	−00 19 47.9556899	0.00001611	0.0004788	0.294	50576.2	50576.2	50576.2	1	82
ICRF J235502.1 − 212536	2352 − 217	23 55 02.14661532	−21 25 36.7808339	0.00004355	0.0013668	0.560	53552.8	53552.8	53552.8	1	47
ICRF J235723.8 − 245103	2354 − 251	23 57 23.85097341	−24 51 03.1631831	0.00014461	0.0047262	0.607	53561.9	53561.9	53561.9	1	26
ICRF J235725.1 − 015215	2354 − 021	23 57 25.13795231	−01 52 15.5093179	0.00001102	0.0003609	−0.051	50576.2	50576.2	50576.2	1	89
ICRF J235731.1 − 112539	2354 − 117	23 57 31.19756717	−11 25 39.1764446	0.00000630	0.0002070	−0.044	50576.2	50576.2	50576.2	1	86
ICRF J235828.8 + 043024	2355 + 042	23 58 28.84694245	04 30 24.8352840	0.00003968	0.0013163	0.361	53573.0	53573.0	53573.0	1	51
ICRF J235859.8 + 392228	2356 + 390	23 58 59.85518328	39 22 28.3057145	0.00002380	0.0004591	−0.265	50242.8	50242.8	50242.8	1	72

[a] ICRF Designations, constructed from the source coordinates
with the format ICRF JHHMMSS.s+DDMMSS or ICRF JHHMMSS.s-DDMMSS;
they follow the recommendations of the IAU Task Group on Designations.
[b] IERS Designations, previously constructed from B1950
coordinates; the complete format, including acronym and epoch in addition
to the coordinates, is IERS BHHMM+DDd or IERS BHHMM-DDd.