

NGC Objects in N60/80/114/4 GT Hand Control

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
4		Galaxy	Psc		eF	0	7.4 +		8	22
7	ESO 409-22	Galaxy	Scl		Size: 2.5 eF, cL, mE, vgvlbM	0	8.4 -		29	55
8		Double Star	Peg		vF, N in n end	0	8.8 +		23	50
10	ESO 349-32	Galaxy	Scl		Size: 2.7 F, cL, vIE, glbM	0	8.6 -		33	52
17	NGC 34		Cet		vF, eS, iR, D* 2' p; = 34	0	11 -		12	6
18		Double Star	Peg		F, vS, iR, mbM, 16 p 19s	0	9.4 +		27	43
30		Double Star	Peg		neb *13	0	10.8 +		21	57
32		Asterism	Peg		F	0	10.9 +		18	47
33		Double Star	Psc		eF, vS, or neb st	0	10.9 +		3	40
40	PK 120+9.1	Planetary Nebula	Cep	11	Size: 0.6 F, vS, R, vsmbM, *12 sp	0	13 +		72	32
46		Star	Psc		nebula	0	14.1 +		5	59
50	MCG 1-1-58	Galaxy	Cet		vF	0	14.7 -		7	20
55	Dunlop 507	Galaxy	Scl	8	Size: 32.4 vB, vL, vmE, triN	0	14.9 -		39	11
58	NGC 47		Cet		vF, pS, R; = 47	0	14.5 -		7	10
77	ESO 473-15		Cet		eF, vS, iF (*?), *9 p 3'	0	20 -		22	31
81	NPM1G +22.0016	Galaxy	And		eeF, sp 83	0	21.2 +		22	22
90	UGC 208	Star	And		vF, IE	0	21.9 +		22	25
98	ESO 242-5	Galaxy	Phe		Size: 1.8 vF, pS, R, bM, r	0	22.8 -		45	16
100	UGC 231	Galaxy	Psc		Size: 5.8 vF, pS, mE, 2' long	0	24 +		16	29
104	47 Tucanae	Globular Cluster	Tuc	4	Size: 30.9 glob. cl. !! vB, vL, vmCM	0	24.1 -		72	5
106		Galaxy	Psc		pF, vS, R, lbM	0	24.7 -		5	10
107	MCG 2-2-14	Galaxy	Cet		F, pL, *7 sf 5'	0	25.6 -		8	17
110	OCL 300	Open Cluster	Cas		Cl, pR, IC, st 9...12	0	27.4 +		71	23
115	ESO 350-17	Galaxy	Scl		vF, pL, IE, D* 2' np	0	26.8 -		33	41
129	OCL 294	Open Cluster	Cas	6.5	Size: 21. Cl, vL, pR, IC, st 9...13	0	29.9 +		60	14
131	ESO 350-21	Galaxy	Scl		Size: 2.1 F, pL, pmE, vgbM, p of 2	0	29.6 -		33	16
135	IC 26		Cet		vF, vS, R	0	31.8 -		13	22
136	OCL 295	Open Cluster	Cas		Size: 1. glob. cl. , vF, S, eC	0	31.5 +		61	32
147	UGC 326,D3	Galaxy	Cas	9.3	Size: 12.9 vF, vL, iR, gsmbM *11	0	33.2 +		48	30
153	NGC 151		Cet		pF, pS, R, * nr nf; = 151	0	34 -		9	42
156		Double Star	Cet		vS, np 157	0	34.6 -		8	21
158		Double Star	Cet		vS, nf 157	0	34.9 -		8	19
162		Galaxy	And		eF, stellar, 160 sp	0	36.1 +		23	58
171	NGC 175		Cet		vF, pL, IE, 2 pB st sf; = 175	0	37.4 -		19	56
172	ESO 474-5	Galaxy	Cet		Size: 2.6 eF, S, E, *13 close sp	0	37.3 -		22	36
185	UGC 396	Galaxy	Cas	9.2	Size: 11.5 pB, vL, iR, vgmbM, r	0	39 +		48	20
188	OCL 309	Open Cluster	Cep	8.1	Size: 14. Cl, vL, IC, st 9...18	0	44 +		85	20
195	MCG 2-2-79	Galaxy	Cet		Size: 1.3 F	0	39.6 -		9	12
205	M 110	Galaxy	And	8	Size: 17.4 vB, vL, mE 165deg , vgvmbM;	0	40.4 +		41	41
206		Cluster Nebulosity	And		vF, vL, mE Odeg	0	40.6 +		40	44
207	MCG 3-2-35		Cet		vF, S, IE, stellar	0	40 -		14	18
211	NGC 203	Star	Psc		eF, S, mbMN	0	41 +		3	26
217	MCG 2-2-85	Galaxy	Cet		Size: 3.3 F, S, IE 90deg , glbM	0	41.5 -		10	2
221	M 32	Galaxy	And	8.2	Size: 7.6 ! vB, L, R, psmbMN; = M32	0	42.7 +		40	52
224	M 31	Galaxy	And	3.5	Size: 178. !!! eeB, eL, vmE (Andromeda)	0	42.7 +		41	16
225	OCL 305	Open Cluster	Cas	7	Size: 12. Cl, vL, IC, st 9...10	0	43.4 +		61	47
239	MCG 1-3-7		Cet		pF, pS, E 20deg , bMN, *8 f 20s	0	44.6 -		3	47
246	PK 118-74.1	Planetary Nebula	Cet	8	Size: 3.8 vF, L, 4 st in dif neb	0	47 -		11	53
247	ESO 540-22	Galaxy	Cet	8.9	Size: 20.0 F, eL, vmE 172deg	0	47.1 -		20	46
253	ESO 474-29	Galaxy	Scl	7.1	Size: 25.1 !! vB, vL, vmE 54deg , gbM	0	47.6 -		25	17
259	MCG 1-3-15	Galaxy	Cet		Size: 3.2 F, S, E 135deg , lbM	0	48.1 -		2	47
264	ESO 295-6	Galaxy	Scl		Size: 0.9 F, S, R, vsmbM *13	0	48.3 -		38	14
272	OCL 312	Open Cluster	And		Cl, L, IC	0	51.4 +		35	50
281	IC 11	Cluster Nebulosity	Cas	7	Size: 35. F, vL, dif, S triple * on np	0	52.8 +		56	37
285	KAZ 377	Galaxy	Cet		eF, S, R, 3rd of 4	0	53.7 -		13	10
297		Double Star	Cet		eF	0	55 -		7	21
300	ESO 295-20	Galaxy	Scl	9	Size: 20.0 pB, vL, vmiE, vgpmbM	0	54.9 -		37	41
301		Galaxy	Cet		eF, S, iR, gbM, *8 p 30s	0	56.3 -		10	40
302		Star	Cet		eF, vS	0	56.4 -		10	39
303		Galaxy	Cet		eF, vS	0	54.8 -		16	40
305		Asterism	Psc		Cl, S, sc st	0	56 +		12	6
308		Star	Cet		vF, eS, 1' sf 307	0	56.4 -		1	47
310		Star	Cet		stellar	0	56.9 -		1	46
314	ESO 411-32	Galaxy	Scl		Size: 1.2 eF, vS, R, pB* f 2'	0	56.9 -		31	58
319	ESO 243-13	Galaxy	Phe		Size: 1.1 eF, vS, R, lbM	0	57 -		43	50
321	MCG 1-3-43	Galaxy	Cet		eF, vS	0	57.4 -		5	2
322	ESO 243-15	Galaxy	Phe		Size: 1.3 vF, vS, R, lbM, 3 st p	0	57.2 -		43	44
324	ESO 295-25	Galaxy	Phe		(?), F, S, stellar	0	58.6 -		40	30
334	ESO 351-26	Galaxy	Scl		vF, S, R, glbM, 2 st 11 s	0	58.8 -		35	8
335	ESO 541-6	Galaxy	Cet		Size: 1.2 vF, pS, E, bM	0	59.3 -		18	14
343		Star	Cet		eF, vS, iR, sbMN (*?)	1	0.8 -		23	14
344		Galaxy	Cet		Size: 0.9 eF, vS, iR, sbMN (*?)	1	1.6 -		23	16
358		Asterism	Cas		Cl, vIRi	1	5.2 +		62	2
362	Dunlop 62	Globular Cluster	Tuc	6.6	Size: 12.9 glob. cl. , vB, vL, vC, vmbM	1	3.2 -		70	51
365	ESO 352-1	Galaxy	Scl		F, S, R, glbM	1	4.1 -		35	7
366	OCL 316	Open Cluster	Cas		Size: 3. Cl, S	1	6.4 +		62	14
368	ESO 243-23	Galaxy	Phe		eF, vS, *7-8 sp 3'	1	4.4 -		43	16
369	ESO 541-17	Galaxy	Cet		Size: 1.3 vF, vS, R, gbM	1	5.1 -		17	45
372		Triple Star	Psc		stellar, mbM, r	1	6.7 +		32	26
373		Galaxy	Psc		vF, vS	1	7 +		32	18
377	ESO 541-19	Triple Star	Cet		vF, vS, mE, sbMN	1	6.3 -		20	3
387		Galaxy	Psc		vF, S, R	1	7.5 +		32	23
390		Galaxy	Psc		vF, vS, stellar	1	8.1 +		32	27
396		Galaxy	Psc		eF, S, IE	1	8 +		4	32

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408		Galaxy	Psc		vF, vS, 410 f 8s	1	10.9 +		33	6
409	ESO 352-12	Galaxy	Scl		Size: 1.5 eF, S, R, vS* nr	1	9.5 -		35	48
415	ESO 352-14	Galaxy	Scl		vF, S, R, glbM	1	10.2 -		35	29
424	ESO 296-4	Galaxy	Scl		Size: 2.1 vF, S, R, glbM	1	11.5 -		38	5
433	OCL 319	Open Cluster	Cas		Size: 3. Cl, S, IC	1	15.3 +		60	8
438	ESO 296-7	Galaxy	Scl		pF, S, R, glbM	1	13.4 -		37	56
453		Triple Star	Psc		vF, vS, R, vF st inv	1	16.3 +		33	5
457	OCL 321	Open Cluster	Cas	6.4	Size: 13. Cl, B, L, pRi, st 7, 8, 10	1	19.1 +		58	20
461	ESO 352-33	Galaxy	Scl		Size: 1.2 pB, R, glbM	1	17.3 -		33	50
462	NPM1G +03.0047	Galaxy	Psc		eF, vS, stellar	1	18.1 +		4	14
464		Galaxy	And		S	1	19 +		34	58
475	IC 97	Galaxy	Psc		eF, S	1	20 +		14	51
480			Cet		eF, vS, R (neb?); = 481?	1	20.9 -		9	52
482	ESO 296-13	Galaxy	Phe		eF, IE	1	20.3 -		40	57
510		Galaxy	Psc		vF, vS, IE	1	23.7 +		33	26
519	ZWG 385.103	Galaxy	Cet		eeF, vS, R, v diffc	1	24.5 -		1	38
526		Galaxy	Scl		F, S, E, p of 2	1	23.9 -		35	3
527	ESO 352-68	Galaxy	Scl		F, S, IE, bM, f of 2	1	24 -		35	6
534	ESO 296-21	Galaxy	Scl		eeF, S, R, vgbM, 1st of 4	1	24.6 -		38	7
540	ESO 542-12	Galaxy	Cet		Size: 1.4 vF, vS, R, sbMN	1	27.1 -		20	2
544	ESO 296-24	Galaxy	Scl		eeF, S, R, vgbM, 2nd of 4	1	25.1 -		38	5
546	ESO 296-25	Galaxy	Scl		eeF, S, R, vgbM, 3rd of 4	1	25.1 -		38	3
548	UGC 1010	Galaxy	Cet		Size: 1.5 eF, eS	1	26 -		1	14
549		Galaxy	Scl		Size: 2.0 eeF, S, R, vgbM, 4th of 4	1	25.5 -		38	16
556	ESO 476-13		Cet		eF, vS, R, 3rd of 3	1	27.2 -		22	42
558	IC 117	Galaxy	Cet		Size: 0.7 eF, S, E, *10 p; = IC 117	1	27.3 -		1	58
559	OCL 322	Open Cluster	Cas	9.5	Size: 4. Cl, B, pL, pRi	1	29.5 +		63	18
568	OCL 1709	Galaxy	Scl		vF, S, R	1	27.9 -		35	43
572	ESO 296-31	Galaxy	Scl		eF, S, att to S*, B* nr	1	28.6 -		39	18
574	ESO 353-6	Galaxy	Scl		vS, D* pos 225deg inv	1	29 -		35	35
580	NGC 577		Cet		pF, pS, R; = 577	1	30.7 -		2	0
581	M 103	Open Cluster	Cas	7.4	Size: 6. Cl, pL, B, R, Ri, st 10...11;	1	33.2 +		60	42
588		Nebulosity in External Galaxy	Tri		F, p of 2	1	32.7 +		30	40
592		Nebulosity in External Galaxy	Tri		F, pL, f of 2	1	33.2 +		30	39
595		Nebulosity in External Galaxy	Tri		vF, S, R, inv in M33	1	33.5 +		30	42
597	ESO 353-11	Galaxy	Scl		F, S, R, bM	1	32.2 -		33	29
598	M 33	Galaxy	Tri	5.7	Size: 62. ! eB, eL, R, vgbMN; = M33	1	33.9 +		30	39
603		Triple Star	Tri		only an eF*?	1	34.4 +		30	11
604		Nebulosity in External Galaxy	Tri		B, vS, R, vvlbM	1	34.5 +		30	48
607			Cet		*11, *14 close s	1	34.3 -		7	25
616		Double Star	Tri		neb D*, *8 np	1	36 +		33	46
618	NGC 608		Tri		nonexistent	1	36.3 +		33	24
619	ESO 353-21	Galaxy	Scl		eeF, vS, R, p of 2	1	34.8 -		36	28
623	ESO 353-23	Galaxy	Scl		F, S, R, f of 2	1	35 -		36	29
626	ESO 297-6	Galaxy	Scl		pF, S, R, bM	1	35.2 -		39	8
627	NGC 614		Tri		nonexistent	1	37.1 +		33	35
628	M 74	Galaxy	Psc	9.2	Size: 10.2 glob. cl. , F, vL, R, vg, ps	1	36.7 +		15	47
630	ESO 297-9	Galaxy	Scl		pF, S, R, bM	1	35.6 -		39	21
633	ESO 297-11	Galaxy	Scl		pB, S, R, gbM, ** np	1	36.4 -		37	18
641	ESO 244-42	Galaxy	Phe		F, S, R, gpmbM, p of 2	1	38.7 -		42	31
644	ESO 244-43	Galaxy	Phe		F, S, vIE, glbM, f of 2	1	38.9 -		42	35
650	M 76	Planetary Nebula	Per	12	Size: 4.8 vB, p of Dneb; = M76	1	42.3 +		51	34
654	OCL 330	Open Cluster	Cas	6.5	Size: 5. Cl, iF, Ri, one *6-7, st 11...	1	44.1 +		61	53
657	OCL 337	Open Cluster	Cas		Cl, pRi, st 12	1	43.7 +		55	53
663	OCL 333	Open Cluster	Cas	7.1	Size: 16. Cl, B, L, eRi, st pL	1	46 +		61	15
667	ESO 477-2	Galaxy	Cet		eF, S, R, *10 np 100"	1	45.1 -		22	56
696	ESO 353-50	Galaxy	For		F, S, R	1	49.4 -		34	55
698	ESO 353-51	Galaxy	For		eF, S	1	49.6 -		34	50
715	MCG 2-5-69		Cet		eF, S, gbMN	1	53.2 -		12	50
716	IC 1743	Galaxy	Ari		eF, S, R, B* f	1	52.9 +		12	32
727	NGC 729	Galaxy	For		F, S, R, bM	1	53.7 -		35	52
728		Triple Star	Psc		suspected neb	1	55.1 +		4	12
729	NGC 727	Double Star	For		eeF, S, R	1	54 -		35	49
730		Star	Psc		vF, very stellar	1	55.3 +		5	37
733		Galaxy	Tri		vF, 2' p 736	1	56.4 +		33	4
734		Galaxy	Cet		vF, vS, R, bMN, *11 p 11s	1	54.8 -		17	3
737			Tri		only a faint star	1	56.7 +		33	3
743	OCL 343	Open Cluster	Cas		Size: 5. Cl, not Ri, D* (h 1098)	1	58.7 +		60	11
748	MCG 1-6-4	Galaxy	Cet		Size: 2.9 pF, *9 np	1	56.4 -		4	28
752	OCL 363	Open Cluster	And	5.7	Size: 50. Cl, vL, Ri, st L & sc	1	57.8 +		37	41
755	NGC 763	Galaxy	Cet		Size: 4.0 vF, pS, vIE	1	56.4 -		9	4
758	NPM1G -03.0103	Galaxy	Cet		vF, vS	1	56 -		3	6
760		Double Star	Tri		vF, R, 761 nf	1	57.8 +		33	21
764		Double Star	Cet		eF, vS, iR, gbM	1	57.2 -		16	2
771	50 CAS		Cas	4	suspected neb* (50 Cas)	2	3.4 +		72	25
808	ESO 478-1	Galaxy	Cet		Size: 1.6 vF, pS, vIE	2	4 -		23	19
822	ESO 298-9	Galaxy	Phe		cF, vS, R, sbM, r	2	6.6 -		41	9
824	ESO 354-37	Galaxy	For		F, S, R, vsvmbM *13	2	6.8 -		36	28
829	MCG 1-6-49	Galaxy	Cet		Size: 1.4 F, S, *11 s, 1st of 3	2	8.7 -		7	47
832		Galaxy	Tri		F, vS, *9-10 sp	2	10.1 +		35	32

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842	MCG 1-6-55	Galaxy	Cet		Size: 2.0 vF, vS, R, psbM, 3rd of 3	2	9.8 -	-	7	45
843		Triple Star	Tri		glob. cl. , F, S, R	2	11.1 +	+	32	6
847	NGC 846	Galaxy	And		vF, pL, R; = 846	2	12.2 +	+	44	34
849	ESO 478-9	Galaxy	Cet		eF, vS, R (neb?)	2	10.2 -	-	22	19
854	ESO 354-47	Galaxy	For		cF, pS, IE 0deg , gbM	2	11.6 -	-	35	51
859	NGC 856		Cet		pF, pS, R, lbM; = 856	2	13.9 -	-	0	44
862	ESO 298-20	Galaxy	Phe		F, vS, svmbM	2	13 -	-	42	4
866	NGC 863		Cet		pF, pS, R, lbM; = 863	2	14.6 -	-	0	46
867	NGC 875		Cet		eF, vS, R, bM; = 875	2	15.9 +	+	1	3
869	OCL 350	Open Cluster	Per	4	Size: 30. ! Cl, vL, vRi, st 7...14	2	19 +	+	57	9
874	ESO 478-G018		Cet		no neby; = D*?	2	16.1 -	-	23	11
876	UGC 1766	Galaxy	Ari		Size: 2.1 eF, S, R, 107" sp 877	2	17.9 +	+	14	31
879	KUG 0214-091	Galaxy	Cet		eF, pS, iR, bM	2	16.8 -	-	8	58
880		Galaxy	Cet		eF, vS, R, sbMN	2	18.4 -	-	4	11
881	MCG 1-6-89	Galaxy	Cet		Size: 2.9 F, pS, E, bM, 2 or 3 st nr	2	18.7 -	-	6	35
884	OCL 353	Open Cluster	Per	4	Size: 30. ! Cl, vL, vRi, ruby * M	2	22.4 +	+	57	7
885	NGC 863		Cet		vF, pS, R, lbM; = 863	2	14.6 -	-	0	46
889	ESO 298-27	Galaxy	Phe		vF, vS, R, bM, *7 sf	2	19.1 -	-	41	45
891	UGC 1831	Galaxy	And	10	Size: 13.5 ! B, vL, vmE 22deg	2	22.6 +	+	42	21
892	ESO 478-26	Galaxy	Cet		eF, eS, E?, neb?	2	20.7 -	-	23	7
893	ESO 298-29	Galaxy	Phe		pF, pS, R, lbM, *8 f 4'	2	20 -	-	41	23
896	SG 1.04	Nebula	Cas		Size: 27. eF, pL, iF	2	24.8 +	+	61	54
897	ESO 355-7	Galaxy	For		pB, S, R, psbM, *10 f 35"	2	21.1 -	-	33	42
903	NPM1G +27.0093	Galaxy	Ari		eF, eS, R	2	23.8 +	+	27	22
905	NPM1G -08.0091	Galaxy	Cet		eF, eS, R, *?	2	22.6 -	-	8	43
913		Galaxy	And		eF, vS, lbM	2	25.8 +	+	41	48
939	ESO 246-11	Galaxy	Eri		vvF, S, R, gvlbM	2	26.4 -	-	44	26
943	MCG 2-7-18	Galaxy	Cet		vF, R, Dneb with 942, F Nucl	2	29.2 -	-	10	50
954	ESO 299-4	Galaxy	Eri		vF, pL, IE, gbM, *8 sf 3'	2	28.9 -	-	41	25
963	IC 1808	Galaxy	Cet		eF, S, R, gbM, r; = IC 1808	2	30.5 -	-	4	14
964	IC 1814	Galaxy	For		pB, pS, mE 215deg	2	31.1 -	-	36	1
971		Galaxy	Tri		vF, vS, R, 3rd of 5	2	34.2 +	+	32	59
979	ESO 246-23	Galaxy	Eri		F, S, R, bet 2 st in par	2	31.5 -	-	44	31
994	NGC 993		Cet		eeF, pS, R, vF*; = 993	2	36.7 +	+	2	3
1006	NGC 1010		Cet		eeF, pS, R, lbM; = 1010	2	37.4 -	-	11	2
1027	OCL 357	Open Cluster	Cas	6.7	Size: 20. Cl, L, sc st, one 10m	2	42.7 +	+	61	33
1039	M 34	Open Cluster	Per	5.2	Size: 35. Cl, B, vL, IC, sc st 9; = M34	2	42 +	+	42	47
1046	MCG 1-7-24	Galaxy	Cet		eF, vS, f of 2	2	41.2 +	+	8	43
1049	ESO 356-SC3	Globular Cluster	For		pB, S, R, stellar	2	39.7 -	-	34	17
1051	NGC 961	Galaxy	Cet		Size: 1.9 eF, IE npsf, * att np; = IC 2	2	41.1 -	-	6	56
1059		Double Star	Ari		nonexistent	2	42.6 +	+	18	1
1063	MCG 1-7-36	Galaxy	Cet		Size: 1.6 vF, pS, iR, r?	2	42.2 -	-	5	34
1068	M 77	Galaxy	Cet	8.8	Size: 6.9 vB, pL, iR, sbMrrN; = M77	2	42.7 -	-	0	1
1080	MCG 1-8-3	Galaxy	Cet		Size: 1.4 vF, pS, iR	2	45.2 -	-	4	43
1091	ESO 546-16		Eri		vF, vS, R, sbMN	2	45.4 -	-	17	33
1097	ESO 416-20	Galaxy	For	9.3	Size: 9.3 vB, L, vmE 151deg , vbMN	2	46.3 -	-	30	17
1108		Galaxy	Eri		eF, pS, R	2	48.6 -	-	7	58
1110	MCG 01-08-010	Galaxy	Eri		Size: 2.7 eF, pL, E 348deg	2	49.3 -	-	7	51
1111	IC 1850	Galaxy	Ari		F, vS, stellar	2	49.7 +	+	13	8
1119	ESO 546-24		Eri		F, eS, R (F?)	2	48.3 -	-	18	1
1141	NGC 1143		Cet		vF, S, p of Dneb; prob = 1143	2	55.2 +	+	0	28
1142	NGC 1144		Cet		pF, S, R, f of Dneb; prob = 1144	2	55.2 +	+	0	28
1151	NPM1G -15.0157	Galaxy	Eri		eF, S, R (neb?), nr 1150	2	57.1 -	-	15	0
1157		Galaxy	Eri		eF, pS, E 0deg , sbMN	2	58.2 -	-	15	7
1163	MCG 3-8-56	Galaxy	Eri		Size: 3.4 vF, pS, mE 75deg	3	0.3 -	-	17	9
1165	ESO 417-8	Galaxy	For		Size: 3.1 vF, pL, E, vlbM	2	58.7 -	-	32	7
1174	NGC 1186		Per		pF, pS, IE, pB* close p; prob = 1186	3	5.5 +	+	42	49
1180	NPM1G -15.0162		Eri		eF, vS, R, bMN	2	57.1 -	-	15	0
1181			Eri		eF, vS, R, bMN	2	57 -	-	15	2
1182	NGC 1205	Galaxy	Eri		eF, pS, E 120deg , *10 sp 2'.5	3	3.5 -	-	9	40
1188	MCG 03-08-068		Eri		eF, vS, R, p 1209	3	3.7 -	-	15	30
1202	KUG 0302-066	Galaxy	Eri		eF, S, 2 st 4' nf	3	4.9 -	-	6	29
1205	NGC 1182		Eri		eF, pS, E 25deg , *9.5 3' sp; = 1182	3	2.4 -	-	9	40
1206	NPM1G -09.0143	Galaxy	Eri		eF, vS, vIE 0deg	3	6.1 -	-	8	50
1212	IC 1883	Galaxy	Per		eF, S, R, Algol nr	3	8.6 +	+	40	51
1217	ESO 300-10	Galaxy	For		pF, S, R, psbM	3	6.2 -	-	39	1
1223	MCG 1-9-3		Eri		eF, S, R, gbMN, p of 2	3	8.3 -	-	4	9
1225	MCG 1-9-4		Eri		eF, vS, R, f of 2	3	8.8 -	-	4	6
1235	NGC 1233	Triple Star	Per		vF, S, IE	3	12.8 +	+	38	56
1237		Double Star	Eri		vF, S, E 170deg ; D*?	3	10.7 -	-	8	40
1240		Star	Ari		eF, vS; vS st?	3	12.9 +	+	30	34
1251		Double Star	Cet		F	3	14.1 +	+	1	28
1261	GCL 5	Globular Cluster	Hor	8.4	Size: 6.9 glob. cl. , B, L, R, rr	3	12.3 -	-	55	13
1269	NGC 1291		Eri		vB, R, gmbM; = 1291	3	17.3 -	-	41	6
1275	3C84;UGC 2669	Galaxy	Per	11.6	Size: 2.6 F, S	3	19.8 +	+	41	31
1276		Galaxy	Per		vF, vS	3	19.9 +	+	41	33
1279	PGC 12449	Galaxy	Per		vF, vS	3	20.1 +	+	41	28
1287	KUG 0316-029	Galaxy	Eri		vF, vS, iR	3	18.6 -	-	2	45
1290	NPM1G -14.0161		Eri		eF, eS	3	19.4 -	-	13	59
1295	MCG 2-9-30		Eri		eF, vS, gbMN, *10 f 3'	3	20.1 -	-	14	0
1306	ESO 481-23	Galaxy	For		Size: 1.4 vF, vS, gbM, *10.5 f 4'	3	21 -	-	25	31
1310	ESO 357-19	Galaxy	For		Size: 2.3 glob. cl. , vF, pL, R, vgvlbM	3	21 -	-	37	8
1312		Double Star	Tau		F	3	23.7 +	+	1	11
1323	NPM1G -02.0119	Galaxy	Eri		eF, eS, *13 sp 25" +/-	3	25 -	-	2	49

NGC Objects in N60/80/114/4 GT Hand Control

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
1328	NPM1G -04.0149	Galaxy	Eri		vF, eS, R, bMN	3	25.6 -		4	8
1333	LBN 741	Nebula	Per		Size: 9. F, L, *10 nf	3	29.3 +		31	25
1336	ESO 358-2	Galaxy	For		vF, S, vIE, gbM	3	26.6 -		35	44
1342	OCL 401	Open Cluster	Per	6.7	Size: 14. Cl, vL, ab 60 st	3	31.6 +		37	20
1348	OCL 391	Open Cluster	Per		Cl, IRi, st L	3	33.8 +		51	26
1360	PK 220-53.1	Planetary Nebula	For		Size: 6.5 *8 in B, L neb, E ns	3	33.3 -		25	51
1361	MCG 1-10-5	Galaxy	Eri		eF, eS, gbMN	3	34.2 -		6	15
1363	IRAS03324-1000	Galaxy	Eri		vF, S, R, *7 sp 3'.5, sp of 2	3	34.8 -		9	50
1364		Galaxy	Eri		vF, S, vIE, nf of 2	3	35 -		9	50
1372	NPM1G -16.0142	Galaxy	Eri		vF, vS, R, glbM	3	37 -		15	53
1373	ESO 358-21	Galaxy	For		eF, vS, p of 3	3	35.1 -		35	11
1375	ESO 358-24	Galaxy	For		Size: 1.9 B, S, IE, pmbM, 3rd of 3	3	35.2 -		35	16
1378	ESO 358-**30	Double Star	For		F	3	35.9 -		35	12
1382	NGC 1380B	Galaxy	For		Size: 2.1 F	3	37.1 -		35	12
1388	NPM1G -16.0146	Galaxy	Eri		vF, vS, R, lbM	3	38.3 -		15	53
1391	ESO 548-59		Eri		eF, S, R, gbMN	3	38.5 -		18	21
1392		Galaxy	Eri		vF, pS, R	3	36.8 -		36	16
1410	UGC 2821	Galaxy	Tau		makes Dneb with 1409, pos 0deg	3	41.2 -		1	17
1413	NPM1G -15.0199	Galaxy	Eri		eF, vS, R, lbM	3	40.3 -		15	35
1414	ESO 548-71		Eri		eF, pS, mE 0deg , bMN	3	41.5 -		21	41
1419	ESO 301-23	Galaxy	Eri		pF, pS, R, psbM	3	40.6 -		37	31
1420		Triple Star	Eri		F, vS, *13 p	3	42.7 -		5	51
1428	ESO 358-53	Galaxy	For		Size: 1.8 F	3	42.4 -		35	10
1429		Star	Eri		eF, vS, E 0deg , gbMN, f of 2	3	44 -		4	43
1432	LBN 772	Nebula	Tau		Size: 30. eF, vL, dif (Maia, in Pleiad	3	45.8 +		24	22
1435	CED 191	Nebula	Tau		Size: 30. vF, vL, dif (Merope)	3	46.1 +		23	47
1436	NGC 1437	Galaxy	Eri		glob. cl. , vB, pmE, pgbM; = 1437	3	43.6 -		35	51
1438	ESO 482-41	Galaxy	Eri		Size: 2.6 eF, mE, N, *10 f 1'	3	45.4 -		23	1
1442	NGC 1440	Galaxy	Eri		pB, vS, bM; = 1440	3	45 -		18	16
1443		Star	Eri		vF, nf 1441	3	45.7 -		4	1
1444	OCL 394	Open Cluster	Per	6.6	Size: 4. Cl of ab 30 st 12...14	3	49.4 +		52	40
1445		Galaxy	Eri		vF, S, R, *9 np 2'	3	44.9 -		9	50
1447	NPM1G -09.0165	Galaxy	Eri		vF, S, R, neb? *7-8 f 3'	3	45.8 -		8	59
1450		Galaxy	Eri		eF, pS, R (D, dist 0'.4?)	3	45.6 -		9	13
1455	NGC 1452	Galaxy	Eri		Size: 2.6 vF, S, IE 30deg , sbMN; = 145	3	45.4 -		18	38
1457	NGC 1448	Galaxy	Hor		pF, pL, eE 42deg , vgpmbM; = 1448	3	44.5 -		44	38
1460	ESO 358-62	Galaxy	Eri		F, S, R, * att	3	46.1 -		36	41
1464	NGC 1471	Galaxy	Eri		pF, S, R, 2 st nr	3	51.4 -		15	25
1472	NPM1G -08.0152	Galaxy	Eri		vF, eS, stell N, 1st of 3	3	53.7 -		8	35
1476	ESO 249-24	Galaxy	Hor		Size: 1.7 cF, S, E 90deg , gbM	3	52.1 -		44	32
1477	NPM1G -08.0154	Galaxy	Eri		eF, vS, 2nd of 3	3	54 -		8	35
1478	NPM1G -08.0155	Galaxy	Eri		eF, vS, 3rd of 3	3	54.1 -		8	34
1480			Eri		eF, S, iR, f of 2, *10 f 30s	3	54.5 -		10	16
1484	ESO 359-6	Galaxy	Eri		vF, L, E, vgvlbM	3	54.2 -		37	0
1491	LBN 704	Nebula	Per		Size: 3. vB, S, iF, bM, r, * inv	4	3.4 +		51	19
1492	ESO 359-12	Galaxy	Eri		vF, vS, R	3	58.1 -		35	27
1495	ESO 249-34	Galaxy	Hor		Size: 2.9 eF, S, IE 90deg , vgvlbM	3	58.4 -		44	28
1499	LBN 756	Nebula	Per		Size: 145. vF, vL, E ns, dif	4	0.7 +		36	37
1502	OCL 383	Open Cluster	Cam	5.7	Size: 8. Cl, pRi, cC, iF	4	7.7 +		62	20
1528	OCL 397	Open Cluster	Per	6.4	Size: 24. Cl, B, vRi, cC	4	15.4 +		51	14
1540	ESO 420-14	Galaxy	Eri		Size: 1.2 vF, vS, E, gvlbM, r	4	15.2 -		28	29
1545	OCL 399	Open Cluster	Per	6.2	Size: 18. Cl, pRi, IC, st L	4	20.9 +		50	15
1547	ESO 550-G018		Eri		pF, pS, iR, Cl	4	17.2 -		17	53
1548		Open Cluster	Per		Cl, vL, IRi, IC, st 10...12	4	21 +		36	56
1554	LBN 817	Nebula	Tau		!!! var, S, R, Nn = *13	4	21.8 +		19	32
1558	ESO 250-17	Galaxy	Hor		pF, S, E, gbM	4	19.3 -		45	2
1562	NPM1G -15.0224	Galaxy	Eri		vF, eS, R, glbM	4	21.7 -		15	45
1563	MCG 3-12-5		Eri		eF, vS, R, lbM, D with 1564	4	22.9 -		15	44
1564	NPM1G -15.0226	Galaxy	Eri		eF, vS, R, lbM, D with 1563	4	22.9 -		15	44
1570	NGC 1571	Galaxy	Cae		F, S, R, gbM; = 1571	4	22.1 -		43	38
1571	NGC 1570	Galaxy	Cae		vF, S, R, gbM, ** nf	4	22.2 -		43	38
1572	ESO 303-14	Galaxy	Cae		pF, S, R, *13 nf 1'	4	22.6 -		40	36
1579	LBN 766	Nebula	Per		Size: 12. pB, vL, iR, mbM, *8 350deg ,	4	30.2 +		35	16
1582	OCL 407	Open Cluster	Per	7	Size: 37. Cl, vL, pRi, IC, st L	4	32 +		43	51
1584	ESO 551-6	Galaxy	Eri		F, eS, R, sbMN	4	28.1 -		17	32
1585	ESO 303-18	Galaxy	Cae		pF, S, R, gbM, *12 288deg	4	27.5 -		42	9
1592	ESO 421-G002		Eri		only F st	4	29.6 -		26	58
1593	NGC 1608	Galaxy	Tau		vF; = 1608	4	31.9 +		0	34
1606	MCG 1-12-22	Galaxy	Eri		eF	4	32.1 -		5	2
1610		Galaxy	Eri		eF, vS, R, bMN	4	34.1 -		4	42
1616	ESO 251-10	Galaxy	Cae		F, S, E, vglbM	4	32.7 -		43	43
1623	DRCG 10-7	Galaxy	Eri		eF, vS, R, gbMN	4	34.9 -		13	31
1630	ESO 551-19	Galaxy	Eri		eF, eS, R	4	37.3 -		18	54
1639		Triple Star	Eri		only 3 st 12.5 forming equilateral trian	4	40.9 -		17	0
1647	OCL 457	Open Cluster	Tau	6.4	Size: 45. Cl, vL, st L, sc	4	46 +		19	4
1655			Tau		hazy *	4	46.2 +		20	56
1658	ESO 304-16	Galaxy	Cae		F, pS, pmE, glbM	4	44 -		41	27
1660	ESO 304-18	Galaxy	Cae		vF, S, IE, glbM	4	44.2 -		41	29
1662	OCL 470	Open Cluster	Ori	6.4	Size: 20. Cl of L & S sc st	4	48.5 +		10	56
1663	OCL 461	Open Cluster	Ori		Cl, IRi, st L & S	4	48.6 +		13	10
1668	ESO 251-30	Galaxy	Cae		eF, R, att to *14	4	46.1 -		44	43
1679	ESO 422-1	Galaxy	Cae		Size: 3.2 vB, L, iR, 4 st inv	4	50 -		31	59
1683	NPM1G -03.0218	Galaxy	Ori		vF, R	4	52.3 -		3	1
1687	ESO 361-13	Galaxy	Cae		vF, S, R, vglbM	4	51.3 -		33	56

NGC Objects in N60/80/114/4 GT Hand Control

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
1692	ESO 552-21	Galaxy	Lep		Size: 1.3 eF, vS, R	4	55.4 -	-	20	34
1717		Star	Ori		np 1719 (F**?)	4	59.2 -	-	0	15
1742		Star	Ori		vF, vS, 3s .6 f 1740	5	1.7 -	-	3	18
1746	OCL 452	Open Cluster	Tau	6	Size: 42. Cl, P	5	3.6 +	-	23	49
1750		Open Cluster	Tau		Cl, st L, vc sc	5	3.9 +	-	23	39
1758	OCL 453	Open Cluster	Tau		Cl, pC, st L and S	5	4.4 +	-	23	46
1759	ESO 305-1	Galaxy	Cae		vF, pL, vglbM	5	0.8 -	-	38	43
1781	NGC 1794		Lep		eF, vS, stellar; = 1794	5	7.9 -	-	18	10
1788	LBN 916	Nebula	Ori		Size: 8. B, cL, R, bM ***; *10 inv in	5	6.9 -	-	3	21
1807	OCL 462	Open Cluster	Tau	7	Size: 17. Cl, pRi, st L & S	5	10.7 +	-	16	32
1827	ESO 362-6	Galaxy	Col		Size: 3.4 vF, vmE, long ray, *11 inv	5	10.1 -	-	36	58
1843	MCG 2-14-8	Galaxy	Ori		Size: 1.8 F, S, R, lbM	5	14.1 -	-	10	38
1851	Dunlop 508	Globular Cluster	Col	7.3	Size: 11.0 glob. cl. ! vB, vL, R, vsvvb	5	14.1 -	-	40	3
1857	OCL 428	Open Cluster	Aur	7	Size: 6. Cl, pRi, pC, st 7...	5	20.2 +	-	39	21
1886	ESO 487-2	Galaxy	Lep		Size: 2.6 vF, pL, E 240deg, *9 p 11s,	5	21.8 -	-	23	49
1904	M 79	Globular Cluster	Lep	8	Size: 8.7 glob. cl. pL, eRi, eC, rrr;	5	24.5 -	-	24	33
1906	MCG 3-14-15		Lep		eF, pS, E 0deg, glbM	5	24.8 -	-	15	58
1912	M 38	Open Cluster	Aur	6.4	Size: 21. Cl, B, vL, vRi, iF, st L & S;	5	28.7 +	-	35	50
1952	M 1	Nebula	Tau	8.4	Size: 6. vB, vL, E 135deg +/-, vglbM,	5	34.5 +	-	22	1
1957	NPM1G -14.0249	Galaxy	Lep		eF, pS, R, bMN, *15 inv	5	32.9 -	-	14	7
1960	M 36	Open Cluster	Aur	6	Size: 12. Cl, B, vL, vRi, IC, st 9...11	5	36.1 +	-	34	8
1963	ESO 363-SC5	Galaxy	Col		Size: 3.5 Cl, st 8...11	5	33.3 -	-	36	25
1973	CED 55B	Nebula	Ori		Size: 5. *8-9 inv in neb (1977)	5	35.1 -	-	4	44
1975	CED 55C	Nebula	Ori		Size: 10. B** inv in neb (1977)	5	35.4 -	-	4	41
1976	M 42	Nebula	Ori	4	Size: 66. !!! theta1 Ori and the great	5	35.4 -	-	5	27
1977	OCL 525	Nebula	Ori		Size: 20. !!, 42 Ori and neb	5	35.5 -	-	4	52
1980	OCL 529	Nebula	Ori		Size: 14. vF, vL, 44 Ori inv	5	35.4 -	-	5	54
1981	OCL 525	Open Cluster	Ori	4.6	Size: 25. Cl, vB, lRi, st L, sc	5	35.2 -	-	4	26
1982	M 43	Nebula	Ori	9	Size: 20. ! vB, vL, R with tail, mbM *8	5	35.6 -	-	5	16
1985	PK 176+0.1	Nebula	Aur		cF, S, R, psbM	5	37.7 +	-	32	0
1988		Star	Tau		!!!, variable (?)	5	37.5 +	-	21	14
1989	ESO 423-21	Galaxy	Col		Size: 1.8 vF, S, R, lbM, st nr	5	34.4 -	-	30	48
1990	LBN 940	Nebula	Ori		Size: 50. !!!, eL, E, epsilon Ori inv p	5	36.2 -	-	1	12
1999	LBN 979	Nebula	Ori		Size: 16. *10-11 inv in neb	5	36.5 -	-	6	42
2023	LBN 953	Nebula	Ori		Size: 10. B* in M of L, IE neb	5	41.6 -	-	2	14
2024	CED 55P	Nebula	Ori		Size: 30. ! irr, B, vvL, black sp incl	5	41.9 -	-	1	51
2045			Tau		*8-9 with F neb	5	45 +	-	12	53
2054		Asterism	Ori		only 3 S st and no neb	5	45.2 -	-	10	5
2064	LBN 1627	Nebula	Ori		Size: 12. eF, vS, *9-10 np 4'	5	46.3 +	-	0	0
2067	DG 79	Nebula	Ori		Size: 8. F, pL, M78 s	5	46.5 +	-	0	6
2068	M 78	Nebula	Ori	8	Size: 8. B, L, wisp, gmbN, 3 st inv, r;	5	46.7 +	-	0	3
2070	ESO 57-EN6	Cluster Nebulosity	Dor	8.2	Size: 40. !!! vB, vL, looped	5	38.6 -	-	69	5
2071	LBN 938	Nebula	Ori		Size: 4. D* (10 & 14m) with vF, L chev	5	47.2 +	-	0	18
2099	M 37	Open Cluster	Aur	5.6	Size: 24. Cl, Ri, pCM, st L & S; = M37	5	52.4 +	-	32	33
2119	UGC 3380	Galaxy	Ori		F, vS, R, bM	5	57.4 +	-	11	57
2129	OCL 467	Open Cluster	Gem	6.7	Size: 7. Cl, pL, 40 or 50 st 8...15	6	1 +	-	23	18
2131	ESO 488-50	Galaxy	Lep		vF, pS, R, gbM	5	58.7 -	-	26	38
2149	VDB 66	Nebula	Mon		Size: 3. F, *12 inv	6	3.5 -	-	9	44
2163			Ori		eF, E, dif, *11 att s	6	7.8 +	-	18	40
2168	M 35	Open Cluster	Gem	5.1	Size: 28. Cl, vL, cRi, pC, st 9...16; =	6	8.9 +	-	24	20
2169	OCL 481	Open Cluster	Ori	5.9	Size: 7. Cl, S, lRi, pmC, ** (ADS 4728	6	8.4 +	-	13	57
2170	LBN 994	Nebula	Mon		Size: 2. *9 in vF, pL neb, E 170deg	6	7.5 -	-	6	24
2174	CED 67A	Nebula	Ori		Size: 40. eF, bet 3 vF st	6	9.7 +	-	20	30
2175	OCL 476	Open Cluster	Ori	6.8	Size: 18. *8 in neb	6	9.8 +	-	20	19
2182	LBN 998	Nebula	Mon		Size: 3. pB**, L* neb, E 90deg +/-	6	9.5 -	-	6	20
2183	LBN 996	Nebula	Mon		Size: 1. eF, S, IE, *11-12 sp	6	10.8 -	-	6	13
2184		Open Cluster	Ori		Cl, L, vIC	6	10.9 -	-	3	31
2185	LBN 997	Nebula	Mon		Size: 3. *11 and 4 S st in vF, L neb	6	11.1 -	-	6	13
2195		Nebula	Ori		F, S, 2 S st inv, *10 n 31"	6	14.4 +	-	17	39
2200	ESO 254-39	Galaxy	Pup		eF, pS, R, vlbM	6	13.4 -	-	43	39
2201	ESO 254-40	Galaxy	Pup		eF, S, R, psbM	6	13.4 -	-	43	41
2220	ESO 255-**4	Asterism	Pup		Cl, B, P, st 8...	6	21.8 -	-	44	46
2225		Open Cluster	Mon		Cl, P, ICM, st 12...15	6	26.6 -	-	9	39
2232	OCL 545	Open Cluster	Mon	3.9	Size: 30. B* (10 Mon) + Cl	6	26.6 -	-	4	45
2237	OCL 511	Nebula	Mon		pB, vvL, dif, part of eL nebs ring ar 22	6	30.3 +	-	5	3
2238	LBN 948	Cluster Nebulosity	Mon		S* in neby, part of eL nebs ring ar 2239	6	30.6 +	-	5	1
2239	NGC 2244	Open Cluster	Mon		Size: 16. *8 in L, P, B Cl	6	31 +	-	4	57
2244	NGC 2239	Open Cluster	Mon	4.8	Size: 24. Cl, beautiful, st sc (12 Mon)	6	32.4 +	-	4	52
2245	LBN 904	Nebula	Mon		Size: 5. pL, com, mbN sf alm *, *7-8 nf	6	32.7 +	-	10	10
2246	LBN 948	Nebula	Mon		eeF, L, irr R, e diffi	6	32.4 +	-	5	7
2247	LBN 901	Nebula	Mon		Size: 4. neb* in eF, eL neby, nf 2245	6	33.2 +	-	10	20
2253	UGC 3511	Open Cluster	Cam		vF, st eS	6	42.4 +	-	66	20
2255	ESO 365-31	Galaxy	Col		eF, S, IE, vlbM	6	34 -	-	34	47
2261	LBN 920	Nebula	Mon		Size: 2. B, vmE 330deg, N com = *11	6	39.2 +	-	8	44
2264	OCL 495	Cluster Nebulosity	Mon	3.9	Size: 60. eL neb, 3deg diam, densest 1	6	41.1 +	-	9	53
2281	OCL 446	Open Cluster	Aur	5.4	Size: 15. Cl, pRi, vIC, st pL	6	49.3 +	-	41	4
2282	IC 2172	Nebula	Mon		Size: 3. *10 in F, R neby	6	46.9 +	-	1	19
2287	M 41	Open Cluster	CMa	4.5	Size: 38. Cl, vL, B, IC, st 8...; = M41	6	47 -	-	20	44
2301	OCL 540	Open Cluster	Mon	6	Size: 12. Cl, Ri, L, iF, st L & S	6	51.8 +	-	0	28
2313	LDN 1653	Nebula	Mon		F, vS, R	6	58 -	-	7	57
2316	NGC 2317	Nebula	Mon		Size: 4. pF, S, R, r, S st inv	6	59.7 -	-	7	46
2318		Open Cluster	CMa		Cl, L, sc st 8...9	6	59.5 -	-	13	42
2323	M 50	Open Cluster	Mon	5.9	Size: 16. ! Cl, vL, Ri, pC, E, st 12...	7	3.2 -	-	8	20
2327	CED 89B	Nebula	CMa		pB** inv in S, vF, neb	7	4.3 -	-	11	18

NGC Objects in N60/80/114/4 GT Hand Control

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
2328	ESO 309-16	Galaxy	Pup		vF, S, vIE, bM, am st	7	2.5 -		42	3
2338		Asterism	Mon		Cl, vIC	7	7.7 -		5	37
2343	OCL 565	Open Cluster	Mon	6.7	Size: 7. Cl, cL, P, IC	7	8.3 -		10	39
2346	PK 215+3.1	Planetary Nebula	Mon		Size: 0.9 *10 att with S, vF, neb	7	9.4 -		0	48
2351			Mon		Cl, IC, ** taken	7	13.5 -		10	29
2354	OCL 639	Open Cluster	CMa	6.5	Size: 20. Cl, cRi, IC	7	14.3 -		25	44
2359	LBN 1041	Nebula	CMa		Size: 8. !!, vF, vvL, viF	7	18.6 -		13	12
2360	OCL 589	Open Cluster	CMa	7.2	Size: 13. Cl, vL, Ri, pC, st 9...12	7	17.8 -		15	37
2361		Double Star	CMa		vvF, vS; part of 2359	7	18.4 -		13	13
2362	OCL 633	Cluster Nebulosity	CMa	4.1	Size: 8. Cl, pL, Ri (30 CMa)	7	18.8 -		24	57
2363	UGC 3847	Galaxy	Cam		neb* or vFvS, 2366 sf	7	28.7 +		69	4
2364		Open Cluster	Mon		Cl, pC, st pL, bifid	7	20.8 -		7	34
2372	NGC 2371	Planetary Nebula	Gem		pB, S, R, bMN, f of Dneb	7	25.6 +		29	30
2382	NGC 2380		CMa		pF, S, R, bM; = 2380	7	23.9 -		27	32
2386		Triple Star	Gem		stellar	7	28.6 +		33	46
2390		Star	Gem		vF	7	29 +		33	50
2392	PK 197+17.1	Planetary Nebula	Gem	10	Size: 0.7 B, S, R, *9 M, *8 nf 100"	7	29.2 +		20	55
2396	OCL 579	Open Cluster	Pup	7	Size: 10. Cl, vL, vIC	7	28.1 -		11	44
2399		Triple Star	CMi		1st of 2 F neb (vS clusters?)	7	29.9 -		0	13
2400		Triple Star	CMi		2nd of 2 F neb (vS clusters?)	7	30 -		0	13
2403	UGC 3918	Galaxy	Cam	8.4	Size: 17.8 !! cB, eL, vmE, vgmbMN	7	36.9 +		65	36
2404		Nebulosity in External Galaxy	Cam		vF, vS	7	37.1 +		65	42
2408		Asterism	Cam		Cl, vIC	7	40.5 +		71	39
2419	GCL 12	Globular Cluster	Lyn	10.4	Size: 4.1 pB, pL, IE 90deg , vgBM, *7-8	7	38.1 +		38	53
2422	M 47	Open Cluster	Pup	4.4	Size: 30. Cl, B, vL, pRi, st L and S; =	7	36.6 -		14	30
2423	OCL 592	Open Cluster	Pup	6.7	Size: 19. Cl, vL, Ri, pC, st vS	7	37.1 -		13	52
2425	OCL 599	Open Cluster	Pup		Size: 3. Cl, P, S, st vS	7	38.3 -		14	52
2433		Galaxy	CMi		eF, *15, 90" sp	7	43 +		9	19
2436	NGC 2431	Star	Lyn		vF, vS, R, bM	7	46.1 +		52	4
2437	M 46	Open Cluster	Pup	6.1	Size: 27. !, Cl, vB, vRi, vL, inv PN ;	7	41.8 -		14	49
2439	OCL 688	Open Cluster	Pup	6.9	Size: 10. Cl, B, pRi, pL, IC, st 9, 12	7	40.8 -		31	39
2447	M 93	Open Cluster	Pup	6.2	Size: 22. Cl, L, pRi, IC, st 8...13; =	7	44.6 -		23	52
2451	OCL 716	Open Cluster	Pup	2.8	Size: 45. Cl, vvL, vIC, one *4.5	7	45.4 -		37	58
2458	MCG 10-12-16	Galaxy	Lyn		vF, *12 close	7	55.4 +		56	43
2459			CMi		only a couple of F st	7	52 +		9	33
2467	OCL 668	Cluster Nebulosity	Pup	7	Size: 16. pB, vL, R, er, *8 M	7	52.6 -		26	23
2471		Star	Lyn		*13, slightly nebulous	7	58.3 +		56	45
2477	OCL 720	Open Cluster	Pup	5.8	Size: 27. !, Cl, B, Ri, L, IC, st 12	7	52.3 -		38	33
2495	MCG 7-17-8	Galaxy	Lyn		Size: 0.4 follows 2493 2' or 3', eF, vS	8	0.6 +		39	50
2506	OCL 593	Open Cluster	Mon	7.6	Size: 7. Cl, pL, vRi, C, st 11...20	8	0.2 -		10	47
2515			Cnc		vF, cometic	8	3.4 +		20	11
2516	OCL 776	Open Cluster	Car	3.8	Size: 30. Cl, vB, vL, pRi, st 7...13	7	58.3 -		60	52
2519			Lyn		F, L, R, gbM, 42s f 2518	8	8 +		51	7
2520	NGC 2527		Pup		Cl, B, pRi, pC; = 2527	8	2.5 -		28	11
2527	NGC 2520	Open Cluster	Pup	6.5	Size: 22. Cl, vL, pRi, IC, st 10...15	8	5.3 -		28	10
2530	UGC 4237		Cnc		eF, IE, vS* n	8	7.9 +		17	49
2531			Cnc		vF	8	8 +		17	49
2539	OCL 611	Open Cluster	Pup	6.5	Size: 22. Cl, vL, Ri, IC, st 11...13	8	10.7 -		12	50
2546	OCL 726	Open Cluster	Pup	6.3	Size: 41. Cl, B, L, IC, iE, st 9...12	8	12.4 -		37	38
2548	M 48	Open Cluster	Hya	5.8	Size: 54. Cl, vL, pRi, pmC, st 9...13;	8	13.8 -		5	48
2559	ESO 494-41	Galaxy	Pup		Size: 5.6 F, pL, gmbM, am 60 st	8	17.1 -		27	28
2564	ESO 562-1	Galaxy	Pup		vF, S, R, gbM, am many st	8	18.6 -		21	49
2568	OCL 727	Open Cluster	Pup		vF, pL, F* inv	8	18 -		37	6
2571	OCL 701	Open Cluster	Pup	7	Size: 13. Cl, vL, cRi, IC, st 9...	8	18.9 -		29	44
2625	MK 625	Galaxy	Cnc		Size: 0.4 eF, vS	8	38.4 +		19	42
2626	ESO 313-N*4	Nebula	Vel		Size: 5. *9 inv in pB, pL, R neb	8	35.6 -		40	40
2632	M 44	Open Cluster	Cnc	3.1	Size: 95. Praesepe; = M44	8	40.1 +		19	59
2637	ZWG 89. 65	Galaxy	Cnc		eeF, vS	8	41.1 +		19	42
2643	IC 2390	Galaxy	Cnc		eF neb*	8	41.7 +		19	43
2653		Asterism	Cam		vF, vS, F* close n, 2655 s	8	55.6 +		78	25
2663	ESO 371-14	Galaxy	Pyx		pF, pS, IE	8	45.1 -		33	48
2682	M 67	Open Cluster	Cnc	6.9	Size: 30. ! Cl, vB, vL, eRi, IC, st 10.	8	50.4 +		11	49
2689		Galaxy	UMa		vvF, S	8	55.2 +		49	9
2702		Star	Hya		vF, vS, 4' nf 2699	8	55.9 -		3	3
2703		Double Star	Hya		eF, IE, doubtful	8	55.9 -		3	17
2705		Star	Hya		vF, vS, 3 st 14 f, nf	8	56 -		3	0
2707		Star	Hya		eF, S	8	56.2 -		3	4
2722	NGC 2733	Galaxy	Hya		vF, vS, stellar	8	58.8 -		3	43
2734	NPM1G +17.0238	Galaxy	Cnc		eF, vS, R	9	3 +		16	50
2736	RCW 37	Galaxy	Vel		! eeF, vL, vvmE 19deg	9	0.4 -		45	54
2754	ESO 564-16	Galaxy	Hya		eF, S, R, 1st of 3	9	5 -		19	5
2757	ESO 564-**18	Double Star	Hya		eF, 2nd of 3; only a D*, dist 12"	9	5.5 -		19	2
2775	UGC 4820	Galaxy	Cnc	10.3	Size: 4.5 cB, cL, R, vgvsmbM, r	9	10.3 +		7	2
2829		Galaxy	Lyn		eF, vS, R, nf 2826	9	19.5 +		33	40
2843		Galaxy	Cnc		S* and neb	9	20.4 +		18	57
2845	ESO 314-10	Galaxy	Vel		vF, S, R, *12 att sf	9	18.6 -		38	0
2846			Hya		vS Cl (neb?), *10 sf 4'	9	19.9 -		14	41
2849	OCL 756	Open Cluster	Vel		eF, cL, R, vgblM, rr	9	19.3 -		40	31
2850	NPM1G -04.0292	Galaxy	Hya		vF, vS, R, mbM	9	21 -		4	55
2867	PK 278-5.1	Planetary Nebula	Car	10	Size: 0.2 !! PN = *8, vS, R, *15, 59de	9	21.4 -		58	19
2868	NPM1G -10.0299		Hya		eF, S, R, 10s p 2869	9	23.4 -		10	25
2869	NGC 2863		Hya		eF, pS, E 170deg , gbM, bet 2 F st; = 28	9	23.6 -		10	26
2871			Leo		eF, 2872 sf 1'	9	25.7 +		11	27

NGC Objects in N60/80/114/4 GT Hand Control

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
2879		Triple Star	Hya		vF, vS, R, lbM	9	25.4 -	-	11	40
2883	ESO 372-24	Galaxy	Pyx		vF, S, vglbM, rrr, st 15	9	25.2 -	-	34	5
2885	IC 538	Galaxy	Leo		eF, vS, E 90deg	9	29.6 +	+	22	57
2886		Triple Star	Hya		eeF, pL	9	26.5 -	-	21	46
2897	NPM1G +02.0220	Galaxy	Hya		eF, S	9	29.8 +	+	2	12
2912		Galaxy	Leo		eF, 2911 sp	9	33.7 +	+	10	9
2920	ESO 565-15	Galaxy	Hya		eF, S, R, p of 2	9	34.3 -	-	20	51
2956	ESO 565-34	Galaxy	Hya		vF, vS, R, *9.5 sf 4'	9	39.3 -	-	19	6
2961	MCG 12-9-63	Galaxy	UMa		Size: 0.9 cF, S, IE, nf 2959	9	45.4 +	+	68	36
2973		Galaxy	Ant		eF, pS, *8 f	9	38 -	-	30	8
2975	NPM1G -16.0291	Galaxy	Hya		eeF, S, R, gbM	9	41.2 -	-	16	39
3000		Double Star	UMa		vF, S, iR, r	9	49.1 +	+	44	8
3004		Double Star	UMa		eF, suspected	9	49.2 +	+	44	7
3028	ESO 566-16	Galaxy	Hya		F, S, R, lbM	9	49.9 -	-	19	10
3029	MCG 1-25-47	Galaxy	Sex		pF, pS, R	9	48.7 -	-	8	3
3031	M 81	Galaxy	UMa	6.9	Size: 25.7 ! eB, eL, E 156deg , gsvmbMB	9	55.6 +	+	69	4
3034	M 82	Galaxy	UMa	8.4	Size: 11.2 vB, vL, vmE (ray); = M82	9	55.8 +	+	69	41
3046		Star	Ant		pF, R, sp of 2	9	53.3 -	-	27	19
3063		Double Star	UMa		F, pS, R	10	1.6 +	+	72	8
3103	NGC 3100	Galaxy	Ant		eF, pL, R; = 3100	10	0.7 -	-	31	40
3112	ESO 567-11	Galaxy	Hya		eF, eS, R; neb?	10	4 -	-	20	46
3115	MCG 1-26-18	Galaxy	Sex	9.2	Size: 8.3 vB, L, vmE 46deg , vgsmbMEN	10	5.2 -	-	7	43
3120	ESO 374-29	Galaxy	Ant		F, pS, R, gbM	10	5.4 -	-	34	13
3122	NGC 3110	Galaxy	Sex		F, S, IE, er	10	6.5 -	-	6	32
3132	PK 272+12.1	Planetary Nebula	Vel	8	Size: 0.8 !! PN , vB, vL, IE *9 M, 4s	10	7 -	-	40	26
3133		Galaxy	Hya		eF, vS, R	10	7.2 -	-	11	57
3137	ESO 435-47	Galaxy	Ant		Size: 6.8 vF, S, IE	10	9.2 -	-	29	4
3152	MCG 7-21-18A	Galaxy	LMi		Size: 1.0 eF, vS, iR, eF* close sp	10	13.6 +	+	38	50
3157	IC 2555	Galaxy	Ant		vF, pS, E, *8-9 sp	10	11.8 -	-	31	38
3161	MCG 7-21-22	Galaxy	LMi		Size: 1.0 vF, vS	10	14 +	+	38	39
3171	ESO 567-31	Galaxy	Hya		eF, S, R, gbM	10	15.6 -	-	20	39
3195	PK 296-20.1	Planetary Nebula	Cha		Size: 0.6 ! PN , pB, S, IE, 13s d, 3 S	10	9.5 -	-	80	52
3201	Dunlop 445	Globular Cluster	Vel	6.8	Size: 18.2 glob. cl. , vL, iR, ICM, st	10	17.6 -	-	46	25
3210		Galaxy	Dra		stellar, 1st of 3 in line, 1' apart	10	27.2 +	+	79	51
3224	ESO 375-13	Galaxy	Ant		vF, pS, R, vgmbM	10	21.6 -	-	34	42
3229		Double Star	Sex		F	10	23.4 +	+	0	4
3234	NGC 3235		Leo		pB, pS, R, psbM	10	24.9 +	+	27	1
3242	PK 261+32.1	Planetary Nebula	Hya	9	Size: 20.8 ! PN , vB, IE 147deg , 45" d	10	24.8 -	-	18	38
3244	ESO 317-24	Galaxy	Ant		Size: 1.9 vF, *11 n 90"	10	25.5 -	-	39	50
3249	ESO 375-24	Galaxy	Ant		eF, pL, R, vglbM	10	26.3 -	-	34	58
3257	ESO 375-36	Galaxy	Ant		Size: 1.1 vF, vS, R, psbM, 1st of 4	10	28.8 -	-	35	40
3260	ESO 375-40	Galaxy	Ant		Size: 1.3 vvF, vS, R, psbM, 3rd of 4	10	29.1 -	-	35	36
3262	ESO 263-42	Galaxy	Vel		Size: 1.2 eF, S, R	10	29.2 -	-	44	10
3263	ESO 263-43	Galaxy	Vel		Size: 3.6 F, S, mE 280deg , psbM	10	29.3 -	-	44	8
3272		Galaxy	LMi		F, vS, iR, 3277 nf	10	32.2 +	+	28	27
3276	ESO 317-40	Galaxy	Ant		F, S, *8 p	10	31.1 -	-	39	57
3278	ESO 317-43	Galaxy	Ant		F, S, R, D* nf	10	31.6 -	-	39	57
3284	NGC 3286	Star	UMa		eF, vS	10	36 +	+	58	32
3289	ESO 375-65	Galaxy	Ant		Size: 2.2 eF, vS, R	10	34.2 -	-	35	20
3295	NGC 3280	Galaxy	Hya		eF, pL, bM, D or st inv; = 3280	10	32.7 -	-	12	38
3296	IC 618	Galaxy	Hya		eF, pS, R, bM	10	32.7 -	-	12	43
3315	ESO 501-G048		Hya		vF, pL, iR, gvlbM, * 1' np; = 3314	10	37.3 -	-	27	46
3321	NGC 3322	Galaxy	Hya		Size: 2.7 eF, pS, mE 160deg , * np end	10	38.8 -	-	11	39
3322	NGC 3321		Hya		F, iF, * p; = 3321	10	38.8 -	-	11	39
3328			Leo		vS Cl, not nebs	10	39.7 +	+	9	13
3333	ESO 376-2	Galaxy	Ant		eF, vS, mE, *15 att	10	39.9 -	-	36	3
3339	NGC 3340	Star	Sex		eF, stellar	10	42.2 -	-	0	22
3342	NGC 3332	Star	Leo		eF, eS	10	42.7 +	+	9	26
3345		Double Star	Leo		eeF (if anything)	10	43.6 +	+	11	59
3351	M 95	Galaxy	Leo	9.7	Size: 7.4 B, L, R, pgmbMN; = M95	10	44 +	+	11	42
3360	MCG 2-28-3		Sex		vF, R, pair with 3361	10	44.3 -	-	11	36
3361	MCG 2-28-4		Sex		mE 160deg , brighter than 3360	10	44.4 -	-	11	37
3366	IC 2592	Galaxy	Vel		F, E, gbM, *6-7 vnr	10	35.2 -	-	43	41
3368	M 96	Galaxy	Leo	9.2	Size: 7.1 vB, vL, IE, vsvmbM, r; = M96	10	46.8 +	+	11	49
3371	NGC 3384	Star	Leo		eF, R, 2nd of 3	10	47 +	+	13	48
3372	Dunlop 309	Nebula	Car		Size: 120. ! great neb, eta Car	10	43.8 -	-	59	52
3373	NGC 3389	Star	Leo		F, R, 3rd of 3	10	47.2 +	+	13	40
3378	ESO 318-12	Galaxy	Ant		cF, S, R, glbM	10	46.6 -	-	40	1
3379	M 105	Galaxy	Leo	9.3	Size: 4.5 vB, cL, R, psbM, r; = M105	10	47.8 +	+	12	35
3398	IC 644	Galaxy	UMa		Size: 1.3 vF, S, E, er	10	51.5 +	+	55	23
3402	NGC 3411	Galaxy	Hya		F, R	10	50 -	-	12	40
3429	NGC 3428	Galaxy	Leo		pF, R	10	50.9 +	+	9	15
3436	MCG 1-28-16	Galaxy	Leo		eS	10	42.4 +	+	7	56
3444	UGC 6004	Galaxy	Leo		Size: 1.2 eF, vS, pmE	10	53 +	+	10	13
3446	ESO 264-SC45	Open Cluster	Vel		Cl, pL, P, IC, iF, st 9...13	10	52.1 -	-	45	9
3453	ESO 569-17	Galaxy	Hya		F, S, R, bM	10	53.7 -	-	21	47
3460	NGC 3457		Leo		pB, R, no * nr; = 3457	10	54.8 +	+	17	36
3461		Galaxy	Leo		F neb 5' nf 3460	10	54.9 +	+	17	39
3498		Triple Star	Leo		eF, pL	11	1.9 +	+	14	23
3518	NGC 3110	Galaxy	Leo		eF, eS, IE	11	4.3 -	-	6	28
3520	ESO 570-4	Asterism	Crt		eF, vS, iR, gbM, sev vF st inv	11	5.5 -	-	17	56
3528	NGC 3497	Galaxy	Crt		Size: 3.0 F, S, R, psbM, p of 2	11	7.3 -	-	19	28
3529	IC 2625	Galaxy	Crt		Size: 1.5 eF, S, R, vlbM, f of 2	11	7.3 -	-	19	33
3531	NGC 3526		Leo		E 50deg , *11 at sp end; = 3526	11	6.9 +	+	7	10

NGC Objects in N60/80/114/4 GT Hand Control

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
3532	OCL 839	Open Cluster	Car	3	Size: 55. !!, Cl, eL, R, IC, st 8...12	11	6.4 -		58	40
3533	NGC 3557A	Galaxy	Cen		Size: 2.6 eeF, vS* att	11	7.2 -		37	10
3544	NGC 3571	Galaxy	Crt		vF, L, mE 95deg , bM; = 3571	11	11.5 -		18	17
3556	M 108	Galaxy	UMa	10.1	Size: 8.3 cB, vL, vmE 79deg , pbM, r; =	11	11.5 +		55	40
3560	NGC 3559	Star	Leo		F, S, R, gbM	11	10.7 +		11	11
3568	ESO 377-20	Galaxy	Cen		Size: 2.4 vF, pL, R, * inv, 3 B st nr,	11	10.8 -		37	27
3573	ESO 377-22	Galaxy	Cen		eF, S, R, glbM, 3 st 11 f	11	11.3 -		36	51
3574	MCG 5-27-22	Galaxy	Leo		Size: 0.5 eF	11	12.2 +		27	37
3587	M 97	Planetary Nebula	UMa	11.2	Size: 3.2 !!, PN , vB, vL, R, vvg, vsbM	11	14.8 +		55	1
3606	ESO 377-32	Galaxy	Hya		eF, S, R, gbM	11	16.2 -		33	49
3623	M 65	Galaxy	Leo	9.3	Size: 10.0 B, vL, mE 165deg +/- , gbMBN	11	18.9 +		13	5
3626	NGC 3632	Galaxy	Leo	10.9	Size: 3.1 B, S, vIE, sbM	11	20.1 +		18	21
3627	M 66	Galaxy	Leo	9	Size: 8.7 B, vL, mE 150deg , mbM, 2 st	11	20.2 +		12	59
3696	NGC 3704?	Galaxy	Crt		eF, eS, R, bMN	11	28.8 -		11	15
3727	NPM1G -13.0331	Galaxy	Crt		eF, eS, R, gbMN, *11 sf 1'	11	33.7 -		13	52
3730	MCG 1-30-3	Galaxy	Crt		eF, S, IE 140deg , glbnM	11	34.7 -		9	37
3742	ESO 320-6	Galaxy	Cen		pF, pL, vIE, glbM	11	35.4 -		37	56
3745	MCG 4-28-4	Galaxy	Leo		Size: 0.4 pB, pS, R	11	37.7 +		22	1
3748	MCG 4-28-7	Galaxy	Leo		Size: 0.8 pB, pS, R	11	37.8 +		22	2
3749	ESO 320-8	Galaxy	Cen		F, cS, IE, gvlbM	11	35.8 -		37	59
3750	MCG 4-28-8	Galaxy	Leo		Size: 0.9 pB, R, cbM, 1st of 3 in line	11	37.9 +		21	58
3752	UGC 6515		Dra		pB, pL	11	37.6 +		75	17
3754	MCG 4-28-11	Galaxy	Leo		Size: 0.4 vF, R, 3rd of 3 in line	11	37.9 +		21	59
3760	NGC 3301		Leo		B, pS, mbMN = *13, *11 p 4s , s 175"; =	10	36.9 +		21	53
3766	OCL 860	Open Cluster	Cen	5.3	Size: 12. Cl, pL, pRi, pC, st 8...13	11	36.1 -		61	37
3771		Galaxy	Crt		vF, eS, R, *10 p 15s	11	38.4 -		9	20
3776	ZWG 12. 45	Galaxy	Vir		eF, vS	11	38.3 -		3	20
3779	IC 717		Crt		eeF	11	38.9 -		10	37
3803		Galaxy	Leo		vF, S, R	11	40.3 +		17	49
3834	MCG 3-30-65	Galaxy	Leo		Size: 1.9 vF, vS, slbMN *13	11	43.6 +		19	5
3847	NGC 3856		UMa		F, S, R, psbM	11	44.2 +		33	21
3855	IC 2953		UMa		eF, vS	11	44.3 +		33	20
3856	NGC 3847		UMa		vF, R, bM	11	44.4 +		33	20
3874		Double Star	Vir		vF, vS, suspected	11	45.8 +		8	33
3903	ESO 378-24	Galaxy	Cen		pB, cS, vIE, lbM	11	49.1 -		37	30
3905	MCG 1-30-35	Galaxy	Crt		Size: 1.8 vF, L, dif	11	49.1 -		9	44
3908	NPM1G +12.0292	Galaxy	Leo		F, vS, R, mbM	11	49.9 +		12	11
3918	PK 294+4.1	Planetary Nebula	Cen	8	Size: 0.2 PN , !, S, R, blue, = *7, d =	11	50.3 -		57	11
3992	M 109	Galaxy	UMa	9.8	Size: 7.6 cB, vL, pmE, sbMBRn; = M109	11	57.6 +		53	23
4007	NGC 4005		Leo		eF, vS; = 4005	11	58.2 +		25	8
4009		Galaxy	Leo		vF, eS	11	58.4 +		25	13
4034	UGC 7006	Galaxy	Dra		eF, S, iF, gvlbM	12	1.5 +		69	19
4035	MCG 3-31-10	Galaxy	Crv		Size: 1.4 eF, pL, *9 45deg +/-	12	0.5 -		15	57
4038	ESO 572-47	Galaxy	Crv		Size: 2.6 pB, cL, R, vgbM	12	1.9 -		18	52
4039	ESO 572-48	Galaxy	Crv	13	Size: 3.2 pF, pL	12	1.9 -		18	53
4056		Galaxy	Com		eF, vS	12	4 +		20	19
4057	NGC 4065	Galaxy	Com		pB (decl very doubtful)	12	5.3 +		20	19
4069		Galaxy	Com		vF, vS	12	4.2 +		20	20
4107	NGC 4078		Vir		pB, S, IE, *10-11 np	12	6.7 +		10	36
4112	ESO 321-6	Galaxy	Cen		F, S, vIE, glbM, 3 B st nr	12	7.1 -		40	11
4154	NGC 4149	Star	UMa		vF, S, E 90deg +/-	12	10.7 +		58	21
4176		Galaxy	Vir		eF, vS, R, slbM, *10	12	12.7 -		9	8
4192	M 98	Galaxy	Com	10.1	Size: 9.5 B, vL, vmE 152deg , vsvmbM; =	12	13.8 +		14	54
4208	NGC 4212		Com		nonexistent	12	15.4 +		13	54
4236	UGC 7306	Galaxy	Dra	9.7	Size: 18.6 vF, eL, mE 160deg +/- , vgbM	12	16.7 +		69	28
4244	UGC 7322	Galaxy	CVn	10.2	Size: 16.2 pB, vL, eE 43deg , vgbM	12	17.5 +		37	49
4254	M 99	Galaxy	Com	9.8	Size: 5.4 !! B, L, R, gbM, r, 3-branch	12	18.8 +		14	25
4258	M 106	Galaxy	CVn	8.3	Size: 18.2 vB, vL, vmE 0deg , sbMBN; =	12	19 +		47	18
4295	MCG 5-29-68	Galaxy	Com		vF, S	12	21.2 +		28	9
4303	M 61	Galaxy	Vir	9.7	Size: 6.0 vB, vL, vsbM*, biN; = M61	12	21.9 +		4	28
4317		Star	Com		F, S	12	22.6 +		31	3
4321	M 100	Galaxy	Com	9.4	Size: 6.9 !! pF, vL, R, vg, psbMrN, 2-b	12	22.9 +		15	49
4345		Star	Dra		F, pL, gbM	12	22.7 +		75	20
4372	GCL 19	Globular Cluster	Mus	7.8	Size: 18.6 glob. cl. , pF, L, R, st 12.	12	25.8 -		72	40
4374	M 84	Galaxy	Vir	9.3	Size: 5.0 vB, pL, R, psbM, r; = M84	12	25.1 +		12	53
4382	M 85	Galaxy	Com	9.2	Size: 7.1 vB, pL, R, bM, * np; = M85	12	25.4 +		18	11
4397		Triple Star	Com		vF, S, 4394 sp	12	26 +		18	19
4398		Star	Vir		F, pS, 4390 p 14s , 14' s	12	26.1 +		10	42
4406	M 86	Galaxy	Vir	9.2	Size: 7.4 vB, L, R, gbMN, r; = M86	12	26.2 +		12	57
4426		Double Star	Com		Cl, F, S	12	27.2 +		27	51
4427		Double Star	Com		vF; 2 or 3 F st in neb?	12	27.2 +		27	51
4437	NGC 4517		Vir		F, eE 75deg , *10 nf, place that of *; =	12	32.8 +		0	7
4443		Star	Vir		F, S	12	28.1 +		13	8
4444	ESO 268-10	Galaxy	Cen		Size: 1.6 eF, L, R, vgbM	12	28.6 -		43	16
4449	UGC 7592	Galaxy	CVn	9.4	Size: 5.1 vB, cL, mE, D or bifid, rrr,	12	28.2 +		44	6
4453	MCG 1-32-73	Galaxy	Vir		Size: 0.6 F, pS, bM, r	12	28.7 +		6	30
4472	M 49	Galaxy	Vir	8.4	Size: 8.9 vB, L, R, mbM, r; = M49	12	29.8 +		8	0
4486	M 87	Galaxy	Vir	8.6	Size: 7.2 vB, vL, R, mbM, 3rd of 3; = M	12	30.8 +		12	24
4499	ESO 322-22	Galaxy	Cen		vF, L, R, vglbM	12	32.1 -		39	58
4501	M 88	Galaxy	Com	9.5	Size: 6.9 B, vL, vmE; = M88	12	32 +		14	25
4520	IC 799	Galaxy	Vir		vF, S, 2 vS st inv	12	33.8 -		7	23
4548	M 91	Galaxy	Com	10.2	Size: 5.4 B, L, IE, lbM; = M91	12	35.4 +		14	30
4552	M 89	Galaxy	Vir	9.8	Size: 4.2 pB, pS, R, gmbM; = M89	12	35.7 +		12	33

NGC Objects in N60/80/114/4 GT Hand Control

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
4553	ESO 322-30	Galaxy	Cen		Size: 2.1 F, vIE, glbM	12	36.1 -		39	27
4559	UGC 7766	Galaxy	Com	9.9	Size: 10.5 vB, vL, mE 150deg , gbM, 3 s	12	36 +		27	58
4565	UGC 7772	Galaxy	Com	9.6	Size: 16.2 B, eL, eE 135deg , vsbMN = *	12	36.3 +		25	59
4569	M 90	Galaxy	Vir	9.5	Size: 9.5 pL, bMN; = M90	12	36.8 +		13	10
4573	ESO 268-26	Galaxy	Cen		vF, S, *10 n 30"	12	37.7 -		43	37
4574	ESO 380-49	Galaxy	Cen		vF, L, IE, vglbM	12	37.7 -		35	30
4579	M 58	Galaxy	Vir	9.8	Size: 5.4 B, L, iR, vmbM, r; = M58	12	37.7 +		11	49
4582		Star	Vir		*12 in F neb	12	38.2 +		0	11
4590	M 68	Globular Cluster	Hya	8.2	Size: 12.0 glob. cl. , L, eRi, vC, iR,	12	39.5 -		26	45
4594	M 104	Galaxy	Vir	8.3	Size: 8.9 !, vB, vL, eE 92deg , vsmbMN;	12	40 -		11	37
4601	ESO 322-50	Galaxy	Cen		Size: 2.2 eF, L, R, psIbM, p of 2	12	40.8 -		40	54
4609	OCL 890	Open Cluster	Cru	6.9	Size: 5. Cl, pL, pC, cE, st 10	12	42.3 -		62	58
4616	ESO 322-56	Galaxy	Cen		Size: 1.6 eF, vS, R, * att nf, p of 2	12	42.3 -		40	39
4621	M 59	Galaxy	Vir	9.8	Size: 5.1 B, pL, IE, vsymbM, 2 st p; =	12	42 +		11	39
4622	ESO 322-57	Galaxy	Cen		Size: 2.1 pF, S, R, psIbM, f of 2	12	42.6 -		40	45
4629	UGC 7869	Double Star	Vir		pB, pL, E, Ibm; biN?	12	42.6 -		1	21
4631	UGC 7865	Galaxy	CVn	9.3	Size: 15.1 !, vB, vL, eE 70deg +/- , bM	12	42.1 +		32	32
4649	M 60	Galaxy	Vir	8.8	Size: 7.2 vB, pL, R, f of Dneb; = M60	12	43.7 +		11	33
4650	ESO 322-67	Galaxy	Cen		vF, R, bM, r	12	44.3 -		40	44
4657		Galaxy	CVn		Size: 1.2 !, pF, L, E 90deg +/- , nf of	12	44.2 +		32	12
4661	NGC 4650B	Galaxy	Cen		Size: 1.1 F, pL, R, gbM	12	45.2 -		40	49
4664	NGC 4624		Vir		pB, 2 S st in M, S* p; = 4665	12	45.1 +		3	3
4672	ESO 322-73	Galaxy	Cen		Size: 1.9 eF, S, R, vgbM	12	46.3 -		41	43
4681	ESO 268-40	Galaxy	Cen		pF, S, R, gbM	12	47.5 -		43	20
4697	MCG 1-33-10	Galaxy	Vir	9.3	Size: 6.0 vB, L, IE 45deg +/- , smbMN	12	48.6 -		5	48
4709	ESO 323-3	Galaxy	Cen		Size: 2.7 pB, cS, R, gbM	12	50.1 -		41	23
4728	NGC 4728A	Galaxy	Com		Size: 1.1 eF, eS	12	50.5 +		27	26
4729	ESO 323-16	Galaxy	Cen		Size: 1.3 neb, 1st of 3, p & a little s	12	51.8 -		41	8
4730	ESO 323-17	Galaxy	Cen		Size: 1.2 2nd of 3	12	52 -		41	9
4736	M 94	Galaxy	CVn	8.2	Size: 11.0 vB, L, iR, vsymbMBN, r; = M9	12	50.9 +		41	7
4740	IC 3864	Galaxy	Crv		pF, pS, R, mbM; = 4726	12	51.5 -		14	13
4743	ESO 323-21	Galaxy	Cen		F, R, gbM	12	52.3 -		41	24
4744	ESO 323-22	Galaxy	Cen		F, L, E, gbM, 3rd of 3	12	52.4 -		41	4
4745		Galaxy	Com		Size: 0.7 eF, *6 n	12	51.3 +		27	26
4748	MCG 2-33-34	Galaxy	Crv		F, vS, iR, gbM	12	52.2 -		13	24
4751	ESO 323-29	Galaxy	Cen		B, pS, R, vg, vsmbM	12	52.9 -		42	40
4752		Star	Com		vF, S, E, r	12	52.3 +		13	29
4755	OCL 892	Open Cluster	Cru	4.2	Size: 10. Cl, vL, st vB (kappa Cru)	12	53.6 -		60	20
4768		Star	Vir		vF, vS, p 4770 on parallel	12	53.3 -		9	32
4769		Double Star	Vir		vF, vS, p 4770 on parallel	12	53.3 -		9	32
4792	NPM1G -12.0432	Galaxy	Crv		Size: 1.1 vS, R, 7' nnp of 4794	12	55.1 -		12	30
4805		Galaxy	Com		vF	12	55.4 +		27	57
4811	ESO 323-47	Galaxy	Cen		eF, cS, R, gbM, p of 2	12	56.9 -		41	48
4812	ESO 323-48	Galaxy	Cen		eF, S, R, gbM, f of 2	12	56.9 -		41	49
4823			Vir		vS, sp of 4825	12	57.4 -		13	44
4824		Galaxy	Com		vF, vS	12	56.6 +		27	31
4826	M 64	Galaxy	Com	8.5	Size: 9.3 ! vB, vL, vmE 120deg +/- , bM	12	56.7 +		21	41
4829	NPM1G -13.0404	Galaxy	Vir		vS, sf 4825	12	57.3 -		13	44
4832	ESO 323-51	Galaxy	Cen		pF, vS, R, sbM *17, *10 70deg	12	57.8 -		39	44
4833	Lac I-4	Globular Cluster	Mus	7.4	Size: 13.5 glob. cl. , B, L, R, g, vsbM	12	59.6 -		70	53
4844		Star	Vir		F, S	12	58.1 -		13	4
4847		Galaxy	Vir		F, S neb*, *9 p 40s on parallel	12	58.5 -		13	8
4870		Galaxy	CVn		pF, IE, bet 2 st	12	59.3 +		37	0
4882	NGC 4886		Com		vF, S, others near	13	0 +		27	59
4889	NGC 4884	Galaxy	Com	11.4	Size: 3.0 pB, pmE, bM, *7 n	13	0.1 +		27	58
4891		Star	Vir		F neb*	13	0.8 -		13	26
4909	ESO 269-35	Galaxy	Cen		eF, 3 or 4 st 11-12 f	13	2 -		42	46
4916		Galaxy	CVn		neb, nf 4914 (?)	13	0.7 +		37	22
4918		Galaxy	Vir		eF, eS, R, bMN, 4915 sp 4'	13	1.8 -		4	30
4930	ESO 323-74	Galaxy	Cen		Size: 3.6 vF, R, triangle 2 st 8, 9, f	13	4.1 -		41	25
4945	Dunlop 411	Galaxy	Cen	9	Size: 20.0 B, vL, vmE 39deg	13	5.4 -		49	28
4946	ESO 269-45	Galaxy	Cen		B, pS, R, gpmbM, p of 2	13	5.4 -		43	36
4949		Galaxy	Com		eF, S	13	4.2 +		29	2
4950	ESO 269-47	Galaxy	Cen		eF, S, R, psIbM, f of 2	13	5.5 -		43	31
4953	ESO 382-8	Galaxy	Cen		vF, pS, am 3 S st	13	6.1 -		37	34
4960	NGC 4961	Galaxy	Com		F, S, R, N = *16	13	5.8 +		27	33
4973	IC 847		UMa		vF, S	13	5.5 +		53	41
4975	MCG 1-34-2	Galaxy	Vir		Size: 0.5 vF, vS, R, psbM	13	8 -		5	1
4982		Asterism	Vir		vF, S	13	8.8 -		10	35
4988	ESO 269-55	Galaxy	Cen		vF, S, E, r	13	9.8 -		43	6
4994	NGC 4993	Galaxy	Hya		pF, cS, R, slbM, am st; = 4993	13	9.8 -		23	23
5005	UGC 8256	Galaxy	CVn	9.8	Size: 5.4 vB, vL, vmE 66deg , vsbMN	13	10.9 +		37	3
5024	M 53	Globular Cluster	Com	7.7	Size: 12.6 !, glob. cl. , B, vC, iR, vv	13	12.9 +		18	10
5036	NPM1G -03.0451	Galaxy	Vir		eF, vS, R, gbM, 1st of 2	13	14.7 -		4	11
5039		Galaxy	Vir		eF, eS, E 45deg , 2nd of 2	13	14.9 -		4	10
5051	ESO 444-1	Galaxy	Hya		Size: 1.4 neb, nf of 2	13	16.3 -		28	17
5055	M 63	Galaxy	CVn	8.6	Size: 12.3 vB, L, pmE 120deg +/- , vsmb	13	15.8 +		42	2
5062	ESO 382-35	Galaxy	Cen		eF, vS, E, r	13	18.4 -		35	26
5063	ESO 382-36	Galaxy	Cen		eF, vS, R, * nr	13	18.4 -		35	20
5067		Double Star	Vir		vF, vS	13	18.4 -		10	8
5082	ESO 269-89	Galaxy	Cen		Size: 3.1 vF, S, R, 1st of 4	13	20.9 -		43	42
5086		Galaxy	Cen		eF, vS, R, 2nd of 4	13	21.2 -		43	46
5091	ESO 270-4	Galaxy	Cen		Size: 2.2 cF, S, vIE, 4th of 4	13	21.2 -		43	44
5097	2SZ 37	Galaxy	Vir		eF, eS, R, stell, nearly bet 2 st	13	20.9 -		12	29

NGC Objects in N60/80/114/4 GT Hand Control

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
5099	NPM1G -12.0449	Galaxy	Vir		eF, eS, R	13	21.3 -		13	4
5106	NGC 5100-1	Star	Vir		vF, vS; decl very doubtful	13	21.7 +		8	29
5110	NGC 5111	Galaxy	Vir		eF, pS, R, in line with 2 pB st	13	22.5 -		13	5
5128	Dunlop 482	Galaxy	Cen	7	Size: 18.2 !!, vB, vL, vmE 122deg, bif	13	25.5 -		43	1
5139	Omega Centauri	Globular Cluster	Cen	3.7	Size: 36.3 !!!, glob. cl., omega Cen	13	26.8 -		47	29
5148	MCG 1-34-21	Galaxy	Vir		Size: 1.1 eF, S	13	26.6 +		2	19
5160		Double Star	Vir		pF (vF D* with F* close?)	13	28.3 +		5	59
5194	M 51	Galaxy	CVn	8.4	Size: 11.0 !!!, great spiral neb M51	13	29.9 +		47	12
5200		Double Star	Vir		*12 in F neb	13	31.7 -		0	2
5219	NGC 5244	Galaxy	Cen		vF, S, R, * n, nr; = 5244	13	38.7 -		45	51
5220	ESO 383-36	Galaxy	Cen		vF, S, R, *10 f	13	35.9 -		33	28
5226		Galaxy	Vir		eF, pS, 5221 sp	13	35 +		13	54
5236	M 83	Galaxy	Hya	7.6	Size: 11.2 !! vB, vL, E 55deg, esbMN,	13	37 -		29	52
5237	ESO 270-22	Galaxy	Cen		F, pL, cE, vglbM	13	37.6 -		42	52
5244	NGC 5219	Galaxy	Cen		vF, S, R, vglbM, *13 att	13	38.6 -		45	53
5245	ZWG 45. 48	Galaxy	Vir		vF, vS	13	37.5 +		3	53
5248	UGC 8616	Galaxy	Boo	10.2	Size: 6.5 B, L, E 150deg, psbMrN	13	37.5 +		8	53
5268		?	Vir		a nebula	13	42.1 -		13	52
5272	M 3	Globular Cluster	CVn	6.4	Size: 16.2 !!, glob. cl., eB, vL, vsmb	13	42.2 +		28	23
5286	Dunlop 388	Globular Cluster	Cen	7.6	Size: 9.1 glob. cl., vB, pL, R, rrr, s	13	46.4 -		51	22
5291	ESO 445-30	Galaxy	Cen		Size: 1.4 vF, R, vlbM, ** p	13	47.4 -		30	25
5310		Star	Vir		*12 in F neb	13	49.8 +		0	4
5367	ESO 325-N*36	Nebula	Cen		Size: 4. !, vB, vL, vI, vsmbM **	13	57.7 -		39	59
5369		Galaxy	Vir		vF, vS, R	13	56.8 -		5	29
5397	ESO 384-31	Galaxy	Cen		vF, S, R, gbM	14	1.2 -		33	57
5404		Double Star	Vir		*12 in neb	14	1.1 +		0	5
5408	PK 317+19.1	Planetary Nebula	Cen		eF, E bet 2 vS st	14	3.3 -		41	23
5428		Star	Vir		1st of 2 nr 5427	14	3.4 -		6	2
5429		Star	Vir		2nd of 2, in line with 5426-7	14	3.4 -		6	2
5432		Star	Vir		vF	14	3.6 -		5	57
5435		Star	Vir		vF, *10-11 close f	14	3.8 -		5	54
5446	NGC 5438	Galaxy	Boo		eF, eS	14	5.1 +		9	37
5447		Nebulosity in External Galaxy	UMa		pB, S, R, gmbM, conn with M101	14	2.5 +		54	17
5449		Nebulosity in External Galaxy	UMa		vF, pL, gvlbM, conn with M101	14	2.5 +		54	19
5450		Nebulosity in External Galaxy	UMa		F, pS, iR, glbM, conn with M101	14	2.5 +		54	14
5451		Nebulosity in External Galaxy	UMa		vF, pL, iR, vlbM, conn with M101	14	2.7 +		54	22
5453		Nebulosity in External Galaxy	UMa		F, pL, IE, vlbM, conn w M101	14	3 +		54	18
5455		Nebulosity in External Galaxy	UMa		pB, pS, R, psbM, conn w M101	14	3 +		54	12
5457	M 101	Galaxy	UMa	7.7	Size: 26.9 pB, vL, iR, g, vsmbMBSN; = M	14	3.2 +		54	21
5459	UGC 9005		Boo		F, S, IE, pB* sp	14	5.3 +		13	8
5461		Nebulosity in External Galaxy	UMa		B, pS, R, psbM, conn with M101	14	3.7 +		54	19
5462		Nebulosity in External Galaxy	UMa		pB, pL, iR, gbM, conn with M101	14	3.9 +		54	22
5467	IC 973	Star	Vir		eF, vS, sp 5468	14	6.5 -		5	29
5471	MCG 9-23-30	Nebulosity in External Galaxy	UMa		F, S, R, *12-13 p	14	4.6 +		54	24
5488	IC 4375	Galaxy	Cen		F, R, *8 s nr; = IC 4375	14	8 -		33	18
5509	MCG 4-34-3	Galaxy	Boo		vF, S, R, stellar Nucl	14	12.3 +		24	39
5519	NGC 5570		Boo		vF, pL, *10 p	14	14.4 +		7	26
5570	NGC 5519	Galaxy	Boo		F, S, iR	14	19.4 +		7	26
5588	NGC 5589	Double Star	Boo		vF, R, gbM	14	21.5 +		35	7
5609		Galaxy	Boo		eeF	14	23.9 +		34	50
5632		Galaxy	Vir		neb, *11 f 150s	14	28.3 -		0	12
5655	UGC 9333	Galaxy	Boo		eeF, sf of 2	14	31 +		13	59
5664	IC 4455		Lib		pF, S, E, gbM	14	33.7 -		14	35
5670	ESO 272-19	Galaxy	Lup		Size: 2.0 vF, S, cE, bet 2 st	14	35.7 -		45	57
5671	UGC 9297		UMi		vF, pL, R, bM	14	27.7 +		69	38
5688	ESO 272-22	Galaxy	Lup		Size: 3.9 F, S, vgbM, am st	14	39.5 -		45	2
5694	GCL 29	Globular Cluster	Hya	10.2	Size: 3.6 cB, cS, R, psbM, r, *9.5 sp	14	39.6 -		26	32
5726	ESO 580-G012		Lib		F, S, R, gbM, *10.5 np 3'	14	42.9 -		18	26
5730	UGC 9456		Boo		vF, cS, E 90deg +/-	14	40.3 +		42	45
5744	ESO 580-23	Galaxy	Lib		eF, vS, neb?	14	43.9 -		18	29
5782	UGC 9602		Boo		eF, vS, E, * nr sf	14	55.9 +		11	53
5786	ESO 327-37	Galaxy	Cen		F, mE, B* sf	14	59 -		42	1
5801	NPM1G -13.0467	Galaxy	Lib		vF, vS, sbM, 1st of 3	15	0.4 -		13	54
5802	NPM1G -13.0469	Galaxy	Lib		vF, vS, sbM, 2nd and brightest	15	0.5 -		13	55
5803	NPM1G -13.0470		Lib		vF, vS, sbM, 3rd of 3	15	1 -		13	54
5804	UGC 9627	Galaxy	Boo		vF, vS, vsmbM, *6 nr	14	55.7 +		49	39
5805		Galaxy	Boo		S	14	55.9 +		49	43
5808	NGC 5819		UMi		vF, S, iR, bet 2 st	14	53.8 +		73	1
5823	OCL 936	Open Cluster	Cir	7.9	Size: 10. Cl, cL, Ri, ICM, st 13...14	15	5.7 -		55	36
5834	NGC 5824		Lup		eeF? B, stellar; = 5824	15	4 -		33	4
5843	ESO 387-4	Galaxy	Lup		Size: 2.0 vF, S, IE, vlbM, r	15	7.5 -		36	20
5868	NGC 5865		Vir		eF, 5869 s 3'; = 5865	15	9.9 +		0	31
5871		Star	Vir		eF, forms trapez with 3 neb p	15	10.1 +		0	31
5877		Triple Star	Lib		vF, S, *12 att n	15	12.8 -		4	56

NGC Objects in N60/80/114/4 GT Hand Control

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
5881	IC 1100		Dra		pF, cS, R, vgbM (place?)	15	9.1 +		62	57
5883	MCG 2-39-14	Galaxy	Lib		vF, pS, stellar N	15	15.2 -		14	37
5884			Boo		only 2 F st (pos 170deg , dist 7")	15	13.2 +		31	52
5901		Star	Boo		close n of 5900, eF, S	15	15.1 +		42	12
5904	M 5	Globular Cluster	Ser	5.8	Size: 17.4 !! glob. cl. , vB, L, eCM,	15	18.6 +		2	5
5973		Galaxy	Lib		F, S, iR	15	40.2 -		8	37
6000	ESO 450-20	Galaxy	Sco		Size: 1.9 vF, S, R, sbM	15	49.9 -		29	24
6025	OCL 939	Open Cluster	TrA	5.1	Size: 12. Cl, B, vL, pRi, IC, st 7...	16	3.7 -		60	30
6026	PK 341+13.1	Planetary Nebula	Lup		Size: 0.8 F, S, R, gpmbM, triangle of s	16	1.4 -		34	32
6039	NGC 6042	Star	Her		eeF, vS, R, sp of 3 in line	16	4.4 +		17	42
6053	NGC 6057	Star	Her		eeF, S, R, v diffic; = IC 1180	16	5.4 +		18	8
6059			Oph		vF, S, R	16	7.4 -		6	25
6067	OCL 953	Open Cluster	Nor	5.6	Size: 13. Cl, vB, vL, vRi, IC, st 10...	16	13.2 -		54	13
6079	IC 1200		Dra		vF, vS	16	4.5 +		69	38
6093	M 80	Globular Cluster	Sco	7.2	Size: 8.9 !! glob. cl. , vB, L, vmbM (v	16	17 -		22	59
6101	GCL 40	Globular Cluster	Aps	9.3	Size: 10.7 glob. cl. , pF, L, iR, vgbM,	16	25.8 -		72	12
6111	MCG 11-20-7		Dra		vF, pS, IE, D* nr s	16	15.5 +		62	44
6121	M 4	Globular Cluster	Sco	5.9	Size: 26.3 Cl, 8 or 10 B st line, with	16	23.6 -		26	32
6124	Dunlop 514	Open Cluster	Sco	5.8	Size: 29. Cl, B, L, pRi, ICM, st 9...11	16	25.6 -		40	40
6148		Galaxy	Her		vF, S, with st	16	27.1 +		24	5
6169	OCL 984	Open Cluster	Nor	7	Size: 7. Cl, mu Nor inv	16	34.1 -		44	3
6171	M 107	Globular Cluster	Oph	8.1	Size: 10.0 glob. cl. , L, vRi, vmC, R,	16	32.5 -		13	3
6193	OCL 975	Open Cluster	Ara	5.2	Size: 15. Cl, vL, IRi, IC, rrr, F neb i	16	41.3 -		48	46
6199		Star	Her		eF	16	39 +		36	6
6205	M 13	Globular Cluster	Her	5.9	Size: 16.6 !! glob. cl. , eB, vRi, vgeC	16	41.7 +		36	28
6218	M 12	Globular Cluster	Oph	6.6	Size: 14.5 !! glob. cl. , vB, vL, iR, g	16	47.2 -		1	57
6231	Dunlop 520	Cluster Nebulosity	Sco	2.6	Size: 15. Cl, B, cL, pRi, st 10...13	16	54 -		41	48
6237		Galaxy	Dra		eF, S, E	16	46.5 +		70	23
6242	OCL 1001	Open Cluster	Sco	6.4	Size: 9. Cl, B, L, Ri, st 8...11	16	55.6 -		39	30
6245		Galaxy	Dra		vF, pL, R	16	45.5 +		70	48
6250	OCL 991	Open Cluster	Ara	5.9	Size: 8. Cl, L, IRi, IC, st 8...12	16	58 -		45	48
6253	OCL 972	Open Cluster	Ara	10	Size: 5. Cl, S, triangular, st 13	16	59.1 -		52	43
6254	M 10	Globular Cluster	Oph	6.6	Size: 15.1 ! glob. cl. , B, vL, R, gvmb	16	57.1 -		4	6
6256	Pal 15	Globular Cluster	Sco		glob. cl. , vF, vL, iR, vgbM, rrr	16	59.5 -		37	7
6266	M 62	Globular Cluster	Oph	6.6	Size: 14.1 ! glob. cl. , vB, L, gmbM, r	17	1.2 -		30	7
6273	M 19	Globular Cluster	Oph	7.2	Size: 13.5 glob. cl. , vB, L, R, vCM, r	17	2.6 -		26	16
6276	IC 1239	Galaxy	Her		eF	17	0.3 +		23	7
6281	OCL 1003	Cluster Nebulosity	Sco	5.4	Size: 60. Cl, L, pRi, IC, st 9...11	17	4.8 -		37	54
6298			Dra		vF, eS, R, bet 2 st, f of 2	17	3.4 +		62	2
6302	PK 349+1.1	Planetary Nebula	Sco	13	Size: 0.8 pB, E pf, PN	17	13.7 -		37	6
6303	UGC 10711		Dra		eF, pL, mE, nearly bet 2 st	17	5.1 +		68	21
6322	OCL 1000	Open Cluster	Sco	6	Size: 10. Cl, vL, pRi, IC (place of * n	17	18.5 -		42	57
6333	M 9	Globular Cluster	Oph	7.9	Size: 9.3 glob. cl. , B, L, R, eCM, rrr	17	19.2 -		18	31
6334	ESO 392-EN9	Nebula	Sco		Size: 40. cF, vL, icE, vglbf, *8 inv	17	20.5 -		35	43
6337	PK 349-1.1	Planetary Nebula	Sco		Size: 0.8 !!! ring , eF, S, am st	17	22.3 -		38	29
6341	M 92	Globular Cluster	Her	6.5	Size: 11.2 glob. cl. , vB, vL, eCM, rrr	17	17.1 +		43	8
6344		Galaxy	Her		F, S, R, *12 nf, nr	17	17.2 +		42	27
6352	Dunlop 417	Globular Cluster	Ara	8.2	Size: 7.1 Cl (not neb), pF, L	17	25.5 -		48	25
6354	ESO 333-**8	Asterism	Sco		eF, S	17	24.6 -		38	32
6357	ESO 392-SC10	Nebula	Sco		Size: 50. F, L, E, vglbM, D* inv	17	24.6 -		34	10
6380	GCL 68	Globular Cluster	Sco		Size: 3.9 eF, pS, IE, *9 att	17	35.4 -		39	4
6383	NGC 6374	Cluster Nebulosity	Sco	5.5	Size: 80. Cl, st 13, *6-7 in M	17	34.8 -		32	34
6388	GCL 70	Globular Cluster	Sco	6.9	Size: 8.7 glob. cl. , vB, L, R, pg, psv	17	36.3 -		44	44
6397	Lac III-11	Globular Cluster	Ara	5.7	Size: 25.7 glob. cl. , B, vL, Ri, st 13	17	40.7 -		53	40
6402	M 14	Globular Cluster	Oph	7.6	Size: 11.7 ! glob. cl. , B, vL, R, eRi,	17	37.6 -		3	15
6405	M 6	Open Cluster	Sco	4.2	Size: 15. Cl, L, iR, IC, st 7, 10...; =	17	40.1 -		32	13
6410		Star	Dra		eeF, S, R, nearly bet 2 st, sp of 2	17	35.2 +		60	49
6416	OCL 1031	Open Cluster	Sco	5.7	Size: 18. Cl, vL, Ri, IC	17	44.4 -		32	21
6430	UGC 10966	Asterism	Her		vF, S, mE	17	44.6 +		18	9
6432	ESO 520-**25		Sgr		only 4 st 12-13	17	47.4 -		24	53
6444	Ru 132	Open Cluster	Sco		Size: 12. Cl, vL, vRi, st 12...13	17	49.5 -		34	49
6465	ESO 521-**2		Sgr		only 2 F D st	17	52.9 -		25	24
6475	M 7	Open Cluster	Sco	3.3	Size: 80. Cl, vB, pRi, IC, st 7...12; =	17	53.9 -		34	49
6477		Galaxy	Dra		eeF, eS, R, v diffic, * nr	17	43.9 +		67	37
6481		Double Star	Oph		vS, bM	17	52.8 +		4	10
6493	UGC 11011	Galaxy	Dra		Size: 1.4 F, eS, R, PN ?, F* vnr, sf of	17	50.4 +		61	33
6494	M 23	Open Cluster	Sgr	5.5	Size: 27. Cl, B, vL, pRi, IC, st 10...;	17	56.8 -		19	1
6499		Double Star	Her		S D* in neb	17	55.3 +		18	23
6510	NGC 6511		Dra		eeF, pS, IE, v diffic	17	54 +		60	48
6514	M 20	Cluster Nebulosity	Sgr	6.3	Size: 29. !!! vB, vL, trifid, D* inv; =	18	2.3 -		23	2
6523	M 8	Nebula	Sgr	5.8	Size: 90. !!! vB, eL, eiF, with L Cl; =	18	3.8 -		24	23
6526	ESO 521-*N18	Nebula	Sgr		Size: 40. F, L, cE	18	2.6 -		23	35
6530	OCL 19	Open Cluster	Sgr	4.6	Size: 15. Cl, B, L, pRi, f M8	18	4.8 -		24	20
6531	M 21	Open Cluster	Sgr	5.9	Size: 13. Cl, pRi, IC, st 9...12; = M21	18	4.6 -		22	30
6541	Dunlop 473	Globular Cluster	CrA	6.6	Size: 13.1 glob. cl. , B, R, eC, gbM, r	18	8 -		43	42
6543	PK 96+29.1	Planetary Nebula	Dra	9	Size: 5.8 PN , vB, pS, sbMvSN	17	58.6 +		66	38
6556			Sgr		F, vL, cE, lbM, rr; no nebulousity?	18	10 -		27	31
6558	GCL 89	Globular Cluster	Sgr		Size: 3.7 glob. cl. , pB, pL, R, glbM,	18	10.3 -		31	46
6559	LBN 29	Nebula	Sgr		Size: 8. vF, vL, IE, ** inv	18	10 -		24	6
6579	UGC 11153		Her		F, p of Dneb	18	12.3 +		21	26
6580	UGC 11153		Her		F, f of Dneb	18	12.4 +		21	26
6589	IC 1283:IC 4690		Sgr		Size: 5. D* in centre of eF, pL neby	18	16.9 -		19	46
6590	LBN 43	Cluster Nebulosity	Sgr		Size: 4. D* in centre of pF, pL, R neby	18	17 -		19	53
6591		Galaxy	Her		eeF, vS, stell	18	14 +		21	2

NGC Objects in N60/80/114/4 GT Hand Control

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
6595	IC 4700	Open Cluster	Sgr	7	Size: 11. F, pL, cE, ** inv; = IC 4700	18	17 -	-	19	53
6596	OCL 41	Open Cluster	Sgr		Cl, IC	18	17.5 -	-	16	40
6603		Open Cluster	Sgr	11	Size: 5. !, Cl, vRi, vmC, R, st 15 (Mil	18	18.4 -	-	18	25
6604	OCL 56	Cluster Nebulosity	Ser	6.5	Size: 60. Cl, IRI, IC	18	18.1 -	-	12	14
6605	OCL 47	Open Cluster	Ser	6	Cl, IRI, IC, st 10...12	18	17.1 -	-	14	58
6611	M 16	Cluster Nebulosity	Ser	6	Size: 35. Cl, at least 100 st L & S; =	18	18.8 -	-	13	47
6613	M 18	Open Cluster	Sgr	6.9	Size: 9. Cl, P, vIC; = M18	18	19.9 -	-	17	8
6618	M 17	Cluster Nebulosity	Sgr	6	Size: 46. !!!, B, eL, eiF, 2 hooked; =	18	20.8 -	-	16	11
6626	M 28	Globular Cluster	Sgr	6.9	Size: 11.2 !, glob. cl. , vB, L, R, geC	18	24.5 -	-	24	52
6633	OCL 90	Open Cluster	Oph	4.6	Size: 27. Cl, IC, st L	18	27.7 +	+	6	34
6637	M 69	Globular Cluster	Sgr	7.7	Size: 7.1 glob. cl. , B, L, R, rrr, st	18	31.4 -	-	32	21
6639		Open Cluster	Sct		Cl (in Milky Way)	18	30.1 -	-	13	12
6656	M 22	Globular Cluster	Sgr	5.1	Size: 24.0 !!, glob. cl. , vB, vL, R, v	18	36.4 -	-	23	54
6660	NGC 6661		Her		pB, pS, R, mbM, bet 2 st; = 6661	18	34.6 +	+	22	55
6666			Lyr		eF, S, R, v diffic	18	35.3 +	+	33	35
6669	UGC 11302	Galaxy	Her		eF, pL	18	38 +	+	22	4
6681	M 70	Globular Cluster	Sgr	8.1	Size: 7.8 glob. cl. , B, pL, R, gbM, st	18	43.2 -	-	32	18
6685	UGC 11317		Lyr		eeF, vS, R, v diffic, sp of 2	18	39.9 +	+	39	59
6693		Star	Lyr		vF	18	41.6 +	+	36	55
6694	M 26	Open Cluster	Sct	8	Size: 15. Cl, cL, pRi, pC, st 12...15;	18	45.2 -	-	9	24
6705	M 11	Open Cluster	Sct	5.8	Size: 14. !, Cl, vB, L, iR, Ri, *9, st	18	51.1 -	-	6	16
6709	OCL 100	Open Cluster	Aql	6.7	Size: 13. Cl, pRi, IC, iF	18	51.5 +	+	10	21
6715	M 54	Globular Cluster	Sgr	7.7	Size: 9.1 glob. cl. , vB, L, R, g, smbM	18	55.1 -	-	30	29
6716	OCL 46	Open Cluster	Sgr	6.9	Size: 7. Cl, pRi, st 9...13	18	54.6 -	-	19	53
6717	Pal 9	Globular Cluster	Sgr		Size: 3.9 F, S, rr, Cl + neb	18	55.1 -	-	22	42
6720	M 57	Planetary Nebula	Lyr	9	Size: 2.5 !!!, ring , B, pL, cE (in Lyr	18	53.6 +	+	33	2
6726	ESO 396-N13	Nebula	CrA		Size: 2. *6-7 in F, pL, neb	19	1.7 -	-	36	53
6727	ESO 396-N14	Nebula	CrA		*8 in F, pL neb	19	1.8 -	-	36	54
6729	ESO 396-N*15	Nebula	CrA		Size: 1. var* (11...) with neb!!	19	1.9 -	-	36	57
6735	SAO 142915	Open Cluster	Aql		Cl, vL, P, st 12...	19	0.8 -	-	0	28
6744	ESO 104-42	Galaxy	Pav	9	Size: 15.5 cB, cL, R, vg, svmbM, r	19	9.8 -	-	63	51
6752	Dunlop 295	Globular Cluster	Pav	5.4	Size: 20.4 glob. cl. , B, vL, iR, rrr,	19	10.9 -	-	59	59
6765	PK 62+9.1	Planetary Nebula	Lyr		Size: 0.6 F, S, E	19	11.1 +	+	30	33
6768	ESO 337-18	Galaxy	CrA		vF, S, R, psibM	19	16.5 -	-	40	11
6774	Ru 147	Open Cluster	Sgr		Cl, vL, IC	19	16.6 -	-	16	16
6775		Asterism	Aql		Cl, P, IC, st 10...11	19	16.8 -	-	0	55
6779	M 56	Globular Cluster	Lyr	8.3	Size: 7.1 glob. cl. , B, L, iR, gvmCM,	19	16.6 +	+	30	11
6785			Aql		eS, stellar	19	20.9 -	-	1	6
6793	OCL 115	Open Cluster	Vul		Cl, P, IC	19	23.2 +	+	22	11
6794	ESO 338-5	Galaxy	Sgr		eF, pS, R, vgvbM	19	27.9 -	-	38	53
6800	OCL 123	Open Cluster	Vul		Cl, vL, pRi, vIC, st 10...	19	27.2 +	+	25	8
6805	ESO 338-14	Galaxy	Sgr		Size: 1.2 eF, R, vgbM	19	36.8 -	-	37	33
6806	ESO 338-15	Galaxy	Sgr		eF, vS, *14 att	19	37.2 -	-	42	19
6809	M 55	Globular Cluster	Sgr	7	Size: 19.0 glob. cl. , pB, L, R, vRi, v	19	40 -	-	30	58
6811	OCL 185	Open Cluster	Cyg	6.8	Size: 13. Cl, L, pRi, IC, st 11...14	19	38.2 +	+	46	34
6813	SG 3.148	Nebula	Vul		Size: 3. ** in vF, S neb	19	40.4 +	+	27	18
6815		Open Cluster	Vul		Cl, vL, pRi, IC, st 10...15	19	40.9 +	+	26	51
6816	ESO 460-30		Sgr		eF, pS, R, vlbM, *14 at pos 20deg , dist	19	44 -	-	28	33
6820	LBN 135	Nebula	Vul		Size: 40. F, S, R, bM	19	43.1 +	+	23	17
6822	IC 4895	Galaxy	Sgr	9	Size: 10.2 vF, vS, E, dif; = IC 4895	19	44.9 -	-	14	48
6826	PK 83+12.1	Planetary Nebula	Cyg	10	Size: 2.3 PN , B, pL, R, *11 M	19	44.8 +	+	50	31
6827	Berk 48	Open Cluster	Vul		vF, E, dif, sev st inv	19	48.9 +	+	21	13
6837	OCL 108	Open Cluster	Aql		Cl, S, P	19	53.5 +	+	11	41
6838	M 71	Globular Cluster	Sge	8.3	Size: 7.2 Cl, vL, vRi, pmC, st 11...16;	19	53.8 +	+	18	47
6840		Open Cluster	Aql		Cl, P, IC	19	55.3 +	+	12	6
6841	ESO 461-23	Galaxy	Sgr		Size: 1.5 vF, S, R, psbM	19	57.8 -	-	31	49
6843		Open Cluster	Aql		Cl, S, P	19	56.1 +	+	12	9
6849	ESO 339-32		Sgr		pB, S, R, vS* np	20	1.3 -	-	40	13
6852	PK 42-14.1	Planetary Nebula	Aql		Size: 0.5 F neb, am st	20	0.6 +	+	1	43
6853	M 27	Planetary Nebula	Vul	8.1	Size: 15.2 !!!, vB, vL, biN, iE (Dumbbe	19	59.6 +	+	22	43
6857		Planetary Nebula	Cyg		F, am Milky Way st	20	1.9 +	+	33	31
6859		Triple Star	Aql		vS Cl, *10 p 1s , s 1' 29"	20	3.9 +	+	0	26
6863		Asterism	Aql		Cl, S, vmC, st 19	20	5.1 -	-	3	34
6864	M 75	Globular Cluster	Sgr	8.6	Size: 6.0 glob. cl. , B, pL, R, vmbMBN,	20	6.1 -	-	21	55
6865		Galaxy	Aql		F, S, E	20	6 -	-	9	2
6871	OCL 148	Open Cluster	Cyg	5.2	Size: 20. Cl, st L and S, ** inv	20	5.9 +	+	35	47
6873		Double Star	Sge		Cl, IC, st 10...13, ** inv	20	8.3 +	+	21	6
6885	OCL 152	Open Cluster	Vul	6	Size: 7. Cl, vB, vL, Ri, IC, st 6...11	20	12 +	+	26	29
6888	LBN 203	Nebula	Cyg		Size: 20. F, vL, vmE, ** att	20	12 +	+	38	21
6913	M 29	Open Cluster	Cyg	6.6	Size: 7. Cl, P, IC, st L and S; = M29	20	23.9 +	+	38	32
6914	LBN 274	Nebula	Cyg		Size: 13. vF, vL, iR, dif, 2 st att p	20	24.7 +	+	42	29
6915	IRAS20251-0314	Galaxy	Aql		Size: 1.2 pB, S, R	20	27.8 -	-	3	5
6919	ESO 285-27	Galaxy	Mic		eF, pS, R, vgvbM	20	31.6 -	-	44	13
6933		Double Star	Del		pB, vS, 6934 f	20	33.6 +	+	7	23
6934	GCL 117	Globular Cluster	Del	8.9	Size: 5.9 glob. cl. , B, L, R, rrr, st	20	34.2 +	+	7	24
6936	ESO 528-22		Cap		vF, vS, R, slbM	20	35.9 -	-	25	17
6940	OCL 141	Open Cluster	Vul	6.3	Size: 31. Cl, vB, vL, vRi, cC, st pL	20	34.6 +	+	28	18
6946	UGC 11597	Galaxy	Cep	8.9	Size: 11.0 vF, vL, vg, vsbM, rr	20	34.8 +	+	60	9
6947	ESO 401-3	Galaxy	Mic		Size: 2.0 vF, L, R, gbM	20	41.3 -	-	32	29
6952	NGC 6951	Galaxy	Cep		pB, oval, dif, *15 close f; = 6951	20	37 +	+	66	6
6953			Cep		vS group of 4 st (no neb)	20	37.7 +	+	65	46
6960	LBN 191	Nebula	Cyg		Size: 70. !! pB, cL, eiF, 52 Cyg inv	20	45.7 +	+	30	43
6965	UGC 11630		Aqr		vF, vS; = 6963	20	47.4 +	+	0	30
6966		Double Star	Aqr		eF, vS	20	47.4 +	+	0	22

NGC Objects in N60/80/114/4 GT Hand Control

ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
6973		Star	Aqr		vF, S, r	20	52.1 -	-	5	53
6974	SG 3.202	Nebula	Cyg		neb*, neby cE pf	20	50.8 +	+	31	52
6975	NGC 6976	Galaxy	Aqr		vF, S; = 6976	20	52.4 -	-	5	46
6979		Nebula	Cyg		vF, S, iE, sev F st f nr	20	51 +	+	32	9
6980		Star	Aqr		vF, S, r	20	52.8 -	-	5	49
6981	M 72	Globular Cluster	Aqr	9.4	Size: 5.9 glob. cl. , pB, pL, R, gmCM,	20	53.5 -	-	12	32
6983	ESO 286-14	Galaxy	Mic		eF, cS, R	20	56.8 -	-	43	58
6986	ESO 598-7		Cap		vF, vS, R, glbMN	20	36.6 -	-	18	38
6991	OCL 201	Open Cluster	Cyg		Cl, L, P, vIC	20	56.6 +	+	47	25
6992	CED 182B	Nebula	Cyg		Size: 60. !!, eF, eL, eE, eiF, bifurcat	20	56.4 +	+	31	43
6994	M 73	Open Cluster	Aqr	9	Size: 3. Cl, eP, vIC, no neb; = M73	20	59 -	-	12	38
6995	CED 182C	Nebula	Cyg		Size: 12. F, eL, neb & st in groups	20	57.1 +	+	31	13
6996		Open Cluster	Cyg		Cl, P, IC	20	56.4 +	+	45	28
6998	ESO 464-14	Galaxy	Mic		eeF, vS	21	1.6 -	-	28	1
6999	ESO 464-15	Galaxy	Mic		Size: 0.9 eeF, vS	21	2 -	-	28	4
7000	LBN 373	Nebula	Cyg		Size: 120. F, eeL, dif nebulosity	20	58.8 +	+	44	20
7005		Open Cluster	Aqr		Cl, S, P	21	2 -	-	12	53
7006	GCL 119	Globular Cluster	Del	10.6	Size: 2.8 B, pL, R, gbM	21	1.5 +	+	16	11
7009	PK 37-34.1	Planetary Nebula	Aqr	8	Size: 1.7 !!!, PN , vB, S, elliptic	21	4.2 -	-	11	22
7012	ESO 286-51	Galaxy	Mic		Size: 3.2 F, pL, E, vgvlbM, * p	21	6.8 -	-	44	49
7019	ESO 529-22	Galaxy	Cap		Size: 0.7 vF, vS, R, sbMN	21	6.4 -	-	24	25
7023	OCL 235	Cluster Nebulosity	Cep	7	Size: 18. *7 in eF, eL, neby	21	0.5 +	+	68	10
7030	ESO 598-28	Galaxy	Cap		vF, vS, iR, bMN	21	11.2 -	-	20	30
7035	ESO 530-15	Galaxy	Cap		Size: 1.2 eF, S, iR	21	10.8 -	-	23	8
7045		Double Star	Equ		not a neb; only 2 F close st	21	14.8 +	+	4	31
7057	ESO 287-17	Galaxy	Mic		eF, vS, R, p of 2	21	25 -	-	42	29
7060	ESO 287-22	Galaxy	Mic		vF, pS, R, f of 2	21	25.9 -	-	42	24
7063	OCL 192	Open Cluster	Cyg	7	Size: 8. Cl, P, st 10...	21	24.4 +	+	36	30
7065	MCG 1-54-17	Galaxy	Aqr		Size: 1.4 vF, sbM	21	26.7 -	-	7	0
7074	ZWG 401. 27	Galaxy	Peg		vF, S, E	21	29.5 +	+	6	42
7075	ESO 343-4	Galaxy	Gru		cF, cS, R, pgbM	21	31.5 -	-	38	36
7076	PK 101+08.1	Nebula	Cep		Size: 2. vF, er	21	26.3 +	+	62	53
7078	M 15	Globular Cluster	Peg	6.4	Size: 12.3 !, glob. cl. , vB, vL, iR, v	21	30 +	+	12	10
7087	ESO 343-8	Galaxy	Gru		cF, S, R, gbM	21	34.6 -	-	40	49
7089	M 2	Globular Cluster	Aqr	6.5	Size: 12.9 !!, glob. cl. , B, vL, gpmbM	21	33.5 -	-	0	49
7091	IC 5114	Galaxy	Gru		eF, pL, vgbM, *6 f 40s	21	34.1 -	-	36	38
7092	M 39	Open Cluster	Cyg	4.6	Size: 32. Cl, vL, vP, vIC, st 7...10; =	21	32.2 +	+	48	26
7094	PK 66-28.1	Planetary Nebula	Peg		Size: 1.6 * in eeF neby, v diffic	21	36.9 +	+	12	47
7095	ESO 027-G001	Galaxy	Gru		Size: 1.6 F, pL, R, vglbM, *13 inv; = 7	21	40.2 -	-	42	32
7099	M 30	Globular Cluster	Cap	7.5	Size: 11.0 !, glob. cl. , B, L, IE, gpm	21	40.4 -	-	23	11
7108	NGC 7111	Galaxy	Aqr		vF, S, R, stell	21	42.4 -	-	6	47
7109	ESO 403-15	Galaxy	PsA		eF, vS, am st	21	41.9 -	-	34	27
7110	ESO 403-16	Galaxy	PsA		F, S, R, bM	21	42.2 -	-	34	10
7122		Double Star	Cap		nebulous * 10-11 or vS Cl	21	45.7 -	-	8	49
7127	OCL 219	Open Cluster	Cyg		Size: 3. Cl, S, P, IC	21	43.9 +	+	54	37
7130	IC 5135	Galaxy	PsA		pB, S, R, glbM; = IC 5135	21	48.3 -	-	34	57
7133		Nebula	Cep		vF, pL	21	42.6 +	+	66	3
7134		Asterism	Cap		only 3 or 4 vF st (no neb)	21	48.9 -	-	12	59
7136		Double Star	Cap		stellar, nebulosity doubtful	21	49.7 -	-	11	47
7139	PK 104+7.1	Planetary Nebula	Cep		Size: 1.3 vF, cS, R, r	21	45.9 +	+	63	39
7143		Double Star	Cyg		vF; D*? (inv in neb?)	21	48.9 +	+	29	57
7148		Double Star	Peg		vF, vS, R	21	52.1 +	+	3	20
7150		Asterism	Cyg		neb, no description	21	50.4 +	+	49	45
7154	ESO 404-8	Galaxy	PsA		Size: 1.3 B, pL, iR, glbM, r	21	55.4 -	-	34	49
7158		Triple Star	Cap		vF neb*, *9.5 nf 3'	21	57.4 -	-	11	36
7160	OCL 236	Open Cluster	Cep	6.1	Size: 7. Cl, P, vIC	21	53.7 +	+	62	36
7161		Double Star	Peg		Cl, vS, st 19, bet 2 st 16	21	57 +	+	2	57
7164	ZWG 377. 6	Galaxy	Aqr		eF, R, 4 vF st n	21	56.6 +	+	1	22
7170	AM 2148-554		Aqr		vF, pS, iR, bMN, D* p 36s	22	1.4 -	-	5	27
7178	ESO 404-22	Galaxy	PsA		eF, S, R, *8 s 2"	22	2.5 -	-	35	49
7186			Peg		vF, am 5 or 6 st	22	1 +	+	35	6
7187	ESO 404-24	Galaxy	PsA		Size: 1.7 pF, pS, R, lbM	22	2.7 -	-	32	48
7207		Galaxy	Peg		vF, S	22	5.7 +	+	16	45
7209	OCL 215	Open Cluster	Lac	6.7	Size: 25. Cl, L, cRi, pC, st 9...12	22	5.2 +	+	46	30
7211	NPM1G -08.0602	Galaxy	Aqr		eF, S, stellar	22	6.2 -	-	8	7
7233	ESO 289-8	Galaxy	Gru		Size: 2.2 F, vS, R, *8 f, f of 2	22	15.8 -	-	45	51
7239	NPM1G -05.0643	Galaxy	Aqr		eF, vS	22	14.9 -	-	5	5
7243	OCL 221	Open Cluster	Lac	6.4	Size: 21. Cl, L, P, IC, st vL	22	15.3 +	+	49	53
7259	ESO 467-50	Galaxy	PsA		eF, pL, R, vibM	22	23.1 -	-	28	59
7262	ESO 405-17	Galaxy	PsA		eF, S, R, lbM	22	23.4 -	-	32	20
7263	MCG 6-49-4	Galaxy	Lac		Size: 0.8 F, S, R	22	21.8 +	+	36	21
7267	ESO 405-18	Galaxy	PsA		cB, pS, vIE, glbM, B*** sp	22	24.3 -	-	33	41
7268	ESO 467-57	Galaxy	PsA		Size: 1.8 F, cS, vIE, p of 2	22	25.7 -	-	31	12
7279	ESO 405-21	Galaxy	PsA		vF, pS, R, vgvlbM	22	27.1 -	-	35	8
7281	OCL 238	Open Cluster	Cep		Cl, L, pRi, IC, st 10...16	22	24.7 +	+	57	50
7287	ESO 602-20	Galaxy	Aqr		Size: 0.7 eF, slightly nebs D*	22	28.8 -	-	22	12
7289	ESO 405-23	Galaxy	PsA		vF, S, R, gbM	22	29.2 -	-	35	27
7293	PK 36-57.1	Planetary Nebula	Aqr		Size: 12.8 ! pF, vL, E or biN	22	29.6 -	-	20	48
7297	ESO 345-18	Galaxy	Gru		eF, S, R, p of 2	22	30.9 -	-	37	49
7299	ESO 345-19	Galaxy	Gru		eF, S, R, f of 2	22	31.4 -	-	37	49
7313	ESO 533-52	Galaxy	PsA		eF, E	22	35.5 -	-	26	6
7322	NGC 7334	Galaxy	Gru		vF, S, vIE, gbM	22	37.7 -	-	37	13
7325		Double Star	Peg		F, vS, 7331 f	22	36.8 +	+	34	22
7326		Double Star	Peg		eF, eS, 7331 f	22	36.8 +	+	34	25

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ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
7327		Star	Peg		eF, eS, np 7331	22	36.8 +		34	29
7331	UGC 12113	Galaxy	Peg	9.5	Size: 10.7 B, pL, pmE 163deg , smbM	22	37.1 +		34	25
7334	NGC 7322	Galaxy	Gru		eeF; = 7322	22	37.8 -		37	14
7337	UGC 12120	Galaxy	Peg		Size: 1.3 eF, S, stellar	22	37.4 +		34	22
7349	ESO 603-4		Aqr		eF, vS, E 175deg , biN, bn	22	41.5 -		22	54
7350		Star	Peg		vF	22	41 +		11	58
7359	ESO 534-22		Aqr		pF, vS, pmE, bMN	22	44.8 -		23	41
7368	ESO 345-49	Galaxy	Gru		Size: 3.2 F, cS, IE, glbM	22	45.6 -		39	20
7370	NPM1G +10.0561	Galaxy	Peg		eF, vS	22	45.5 +		11	3
7382	ESO 406-15	Galaxy	Gru		eF, vS, R, *12 att np	22	50.3 -		36	51
7384		Galaxy	Peg		eF, 5' nf 7383	22	49.7 +		11	33
7388		Galaxy	Peg		vF, *11 f 2' 5	22	50.2 +		11	44
7400	ESO 290-22	Galaxy	Gru		Size: 2.5 pF, IE, glbM, vS* inv	22	54.3 -		45	21
7401		Galaxy	Psc		eF, vS	22	53.1 +		1	10
7403		Star	Psc		* slightly nebs? (prob not)	22	53.1 +		1	29
7404	IC 5260	Galaxy	Gru		vF, S, R	22	54.3 -		39	19
7405	NPM1G +12.0573	Galaxy	Peg		eF, S, R	22	52.8 +		12	35
7414	NPM1G +12.0575	Galaxy	Peg		eeF, S, R, v diffic, n of 2	22	55.3 +		13	15
7429	OCL 249	Open Cluster	Cep		Cl, P, pC, st 9...11	22	55.9 +		59	59
7439	UGC 12273		Peg		long patch of F neby	22	58.7 +		29	10
7447			Aqr		nonexistent; only a F*** np place	23	0.4 -		10	32
7451	UGC 12299		Peg		pF, pL, *10-11 sp 2'	23	0.4 +		8	25
7453		Triple Star	Aqr		B, vS, *11 close np	23	1.4 -		6	21
7455	MK 523	Galaxy	Psc		eF, pS, cE, *10 nf 2'	23	0.6 +		7	17
7472	NGC 7482		Psc		F neb*; = 7482	23	5.7 +		3	4
7476	ESO 290-45	Galaxy	Gru		F, S, R, triangle with 2 st 7	23	5.2 -		43	7
7477	NGC 7482		Psc		F, S, bM *15, *17 att n; = 7482	23	5.7 +		3	4
7478	KUG 2302+023	Galaxy	Psc		eF, E	23	4.9 +		2	35
7479	UGC 12343	Galaxy	Peg	11	Size: 4.1 pB, cL, mE 12deg , bet 2 st	23	4.9 +		12	19
7484	ESO 407-6	Galaxy	Scl		pB, S, R, lbM, *8-9 att s	23	7.1 -		36	16
7486	NPM1G +33.0480	Galaxy	Peg		vF, vS, 2' f 7485	23	6.2 +		34	4
7493		Star	Psc		vF, stellar	23	8.6 +		0	54
7502	ESO 604-**5	Double Star	Aqr		eF, vS, E 290deg ; F D*?	23	10.8 -		21	46
7504		Star	Peg		vF, S, stellar	23	10.6 +		14	24
7519	UGC 12424		Peg		vF, pL	23	12.7 +		10	47
7524	MCG 0-59-10	Galaxy	Psc		eF, vS	23	13.8 -		1	45
7526		Asterism	Aqr		eF, vS	23	13.9 -		9	12
7528		Galaxy	Peg		F, S	23	14.3 +		10	13
7538	LBN 542	Nebula	Cep		Size: 10. vF, L, 2 pB st inv	23	13.5 +		61	31
7544	NPM1G -02.0508	Galaxy	Psc		eF, vS	23	15 -		2	12
7545	ESO 347-4	Galaxy	Gru		F, S, vIE, vgvlbM, *10 att	23	15.5 -		38	32
7551		Galaxy	Peg		neb* 13m	23	14.6 +		15	55
7553	ZWG 454. 15	Galaxy	Peg		vF, vS, R	23	15.3 +		19	1
7554	3ZW 99	Galaxy	Psc		eF, eS, alm stell, 7556 f	23	15.7 -		2	23
7560		Double Star	Psc		F, vS, iR, sp of 2	23	16 +		4	30
7561			Psc		eF, stellar, nf of 2	23	16 +		4	31
7564	ZWG 406. 36	Galaxy	Psc		vF, eS, stellar N	23	15.6 +		7	17
7565		Star	Psc		vF	23	16.3 -		0	3
7566	MCG 1-59-10		Psc		vF, pS, E, er, 3 F st inv	23	16.6 -		2	21
7575		Star	Psc		F, S, vIE	23	17.3 +		6	39
7577		Galaxy	Psc		*13.5 in vF neb	23	17.4 +		7	22
7595		Galaxy	Peg		F, stellar	23	18.5 +		9	54
7596	IC 1477	Galaxy	Aqr		vF, pS, IE 0deg , lbMN	23	17.2 -		6	55
7597	MCG 3-59-32	Galaxy	Peg		Size: 1.3 eF, vS, gbM	23	18.5 +		18	41
7602	MCG 3-59-34	Galaxy	Peg		Size: 0.6 eF, eS, stellar	23	18.8 +		18	42
7613		Galaxy	Psc		vF	23	19.9 +		0	24
7616		Galaxy	Peg		pF, dif	23	19.5 +		10	9
7627	NGC 7641		Peg		vF, S, mE, 2 st n; = 7641	23	22.5 +		11	54
7632	IC 5313	Galaxy	Gru		F, S, R, lbM	23	22.1 -		42	30
7635	LBN 549	Nebula	Cas		Size: 15. vF, *8 inv l excentric	23	20.7 +		61	12
7644		Galaxy	Peg		vF, pS, IE	23	24.5 +		13	58
7646	IC 5318	Galaxy	Aqr		vF, vS, E 260deg (neb?), *9 n 3' 6	23	24 -		11	52
7654	M 52	Open Cluster	Cas	6.9	Size: 13. Cl, L, Ri, mCM, R, st 9...13;	23	24.2 +		61	35
7658		Galaxy	Gru		D, both eF, S, R, 4 st p	23	26.5 -		39	14
7662	PK 106-17.1	Planetary Nebula	And	9	Size: 2.2 !!! PN or ring , vB, pS, R,	23	25.9 +		42	33
7663	MCG 1-59-22	Galaxy	Aqr		vF	23	26.7 -		4	56
7686	OCL 251	Open Cluster	And	5.6	Size: 15. Cl, P, IC, st 7...11	23	30.2 +		49	8
7699		Galaxy	Psc		eF, vS	23	34.4 -		2	54
7719	ESO 536-12	Galaxy	Aqr		eF, vS, R	23	38 -		22	58
7745	MCG 4-56-4	Galaxy	Peg		eF	23	44.8 +		25	53
7756		Star	Psc		neb, 5' sp 7757	23	48.5 +		4	7
7758	ESO 606-10	Galaxy	Aqr		eF, vS, iR, sbM, D* 10 nf 50s	23	48.9 -		22	3
7763	NPM1G -16.0627	Galaxy	Aqr		eF, vS, R, F* f	23	50.3 -		16	37
7772	OCL 230	Open Cluster	Peg		Cl of sc st 10m	23	51.8 +		16	15
7776	IC 1514		Aqr		eF, vS, IE, gbM; nonexistent?	23	52.7 -		13	23
7789	OCL 269	Open Cluster	Cas	6.7	Size: 16. Cl, vL, vRi, vmC, st 11...18	23	57 +		56	44
7791		Double Star	Peg		vF, vS; F*?	23	58 +		10	45
7799		Galaxy	Peg		vF, vS, *16 close p	23	59.5 +		31	17
7804			Psc		only a F D*, not nebs	0	1.3 +		7	45
7807	ESO 538-15	Galaxy	Cet		Size: 1.0 eF, pS, iF	23	59.6 -		18	51
7812	ESO 349-21	Galaxy	Scl		vF, S, R, am st	0	2.9 -		34	15
7814	UGC 8	Galaxy	Peg	10.5	Size: 6.3 cB, cL, E, vgbM	0	3.3 +		16	9
7822	LBN 589	Nebula	Cep		Size: 60. ! eeF, eeL	0	3.6 +		68	37
7828	MCG 2-1-25	Galaxy	Cet		eF, S, E 130deg , sbMN, *15 sf	0	6.4 -		13	24

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ObjectNum	Name	Type	Constellation	Magnitude	Info	RAHour	RAMinute	DecSign	DecDeg	DecMinute
7829	MCG 2-1-24	Galaxy	Cet		only a *13 at 100deg , 20" from 7828	0	6.4	-	13	24
7830		Star	Psc		eF, neb* 13m	0	6.2	+	8	22
7836	UGC 65	Galaxy	And		Size: 1.2 eF, vS, R, bet 2 st	0	8	+	33	4
7839		Double Star	Peg		vF, pS, dif, r	0	7	+	27	38
7840		Galaxy	Psc		eF, S	0	7.1	+	8	33