

Multiple Star OP Object List

Object List System Name	Const.	Mag. A	Mag. B	Mag. C	Mags. D, E, F	Sep. AB	Sep. AC	Sep. AD	More Seps.
STF 3056 AB,C,D	And	AB 7.7		10.1	D 10.6		AB,C 25.7	AB,D 95.2	
STF 3060 ABCD	Peg	9.3	9.6	12	D 7.4	3.4	65.1		
STT 7	Cas	9.21	9.81	8.58	D 7.8	0.9	48.5	109.7	
STF 28, FM 12	And	8.3	8.5	8.9		33	145.9		
STT 9	Cas	6.87	9.67	9.9		2	22.8		
STF 42	And	8.3	9	11.5		6	36.8		
HJ 1054	Cas	8.11	11.81	9.6	D 12.03	8.9	92.3		CD 26.7
STF 162	Per	6.47	7.22	9.24	D 10.01	2	20.7	138.8	BC 19.2
AG 38	Ari	8.87	9.41	12		34.8	149.2		
STF 258, BU 876AB	Tri	7.93	11.27	10.16	D 10.61	1.2	70.9		CD 6.4
H III 80, (AB Cet)	Cet	5.88	9.1	10.54		12.2	110.4		
Iota Cas, STF 262	Cas	4.6	6.9	9	D 8.48	3	6.9	210.9	
STF 271	Ari	5.93	9.94	12.7		13	115.8		
STF 270	Per	7	9.66	11.37	D 14.2	21.3	48	51	
HJ 3518	For	9.38	11.2	11.37		14	31.1		
STF 291	Ari	7.6	7.5	9.5		3.4	65.5		
HJ 658	Cet	9.7	BC 11.18	10.1	D 10.65	A,BC 18.6		126.6	BC 1.4
STF 373 AB, STTA 33 AC, STU1 AD	Cam	7.7	10	7.8	D 9.2	20.1	115.9	180	
STFA 7, STF 401	Tau	STFA 7 7.4, STF 401 6.5	7.8, 6.9	12.3, 10.8		44.1, 11.3	STFA 7, BC 12.3,	STF 7, BC 12.3	STF 401, BC 999
HJ 2200 ABC	Cam	4.6	12.4	9		56.3	106		
STFA 8 Alcyone	Tau	2.8	6.2	8.2	D 8.7	117.6	182	191.8	
Zeta Per, STF 464	Per	2.8	9.1	11.2	D 10.4 E 9.96	12.8	33.3	98.6	AE, 120
STF 518	Eri	4.4	9.3	11.1	D 12.6	A,BC 83.2	77.9	551	AE 639
HJ 3644 AB,C AB,D	Eri	AB 6.15		12.8	D 8.2		AB,C 41	AB,D 43.7	
STF 533	Per	7.3	8.4	12		19	106.9		
51 Eri, BU 88, WAL 32	Eri	5.2	11.8	10.5		28.9	66.7		
HJ 3677 AB, DAW 81 BC	Eri	9.8	10.2	11.2		10.6			BC 8.5
62 Eri, SHJ 48, GMC 11	Eri	5.4	8.9	11.4		66	127		

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SHJ 49, WAL 34AD	Ori	6	7.4	9.6	D 13.2	39.4	54		BC 89.2
STF 617, STF 618AC, AD	Cam	7.6	7.98	11.8	D 9.2	33	152	300	
66 Eri, STF 642, HUB 5	Eri	5.1	9.3	10.8		1.6	52.2		
STF 697, WAL 38	Ori	7.2	8.1	10.8	D 10	25.4	98.1	250	
STF 711 ABCD	Aur	7.78	9.67	11		7.6	174.9		
STF 718 ABC	Aur	7.47	7.54	11.2		7.8	117.1		
STF 761 & 762	Ori	7.8	8.3	8.5	D 11.8	68.1	72.1	32.7	
HJ 3780	Lep	6.69	7.8	8.89	D 9.5	0.6	88.8		CD 1.5
STF 788	Ori	7.6	10	10.3		7.5	36.2		
STF 796	Aur	7.2	8.2	10.2		3.7	209.6		
BU 1	Cas	8.5	9.3	8.8	D 9.6	1.5	3.9	8.9	AE 15.8
STF 815	Ori	8.3	9.8	9.7		13	85		
BU 193	Ori	6.9	12.3	10		19.7	57.8		
STF 866	Cam	8.89	10.12	9.58		17.9	79.8		
S 516	CMA	7.39	8.29	7		59.6	300.4		
HJ 3858	Col	6.4	7.61	8.24		134.4			BC 3.9
5 Lyn, S 514, WAL 46	Lyn	5.3	11.9	7.9	D 12.2	32.6	95.5	92.8	
10 Mono, BUP 89	Mon	5	9.5	9.8		77	78		
HJ 3875+BU 755	Col	5.86	6.94	11.5		1.5	21		
STF 982 ABC	Gem	4.7	7.8	11.3		7.3	120.8		
STF 1007 AD	Gem	7.4	11.4	10	D 7.7	14.6	21.9	67.7	
STF 1054	Gem	8.1	9.96	9.93		18.5	96.8		
Tau CMa, HJ 3948	CMA	4.4	10.2	11.2	D 8.2	8.3	14.2	83.5	
STF 1075	Cam	8.53	10.57	9.75		7.3	224.3		
STF 1102 ABDE	Gem	7.3	9.2		D 8	7.6	21.8	112	
Castor ABCD STF 1110	Gem	1.9	2.9	9.8	D 10.7	5.4	69.6	179.3	
Zeta 2 Cnc, STF 1196	Cnc	5.3	6.25	5.85	D 8.89 E 10	1.1	AB,C 6	AB,D 275.6	AB,E 562
STF 1169, PKO 21	Cam	8.4	8.6	11		20.6	66		
HJ 4106+LDS 223	Pyx	7.86	9.9	10.35		6.2	47.7		

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STF 1245	Cnc	5.98	7.16	10.7	D 11.9 E 9.6	10	99.8	109.1	AE 113
S 571, BU584	Cnc	7.31	12.3	7.47	D 6.67 E 11.75	0.8	DC 89	92.1	DE 35.4
ENG 37	Cnc	6.47	6.58	9.03	D 8.7	151.8	134	134.9	AD 134.9
HDO 204	Pyx	6.96	11.9	11.8		15.6	20.1		
STF 1300	Cnc	9.4	9.7	9.9	D 10.2	5	202	198.4	
STF 1316	Hya	8.8	10.7	9.9		7	8.8		
HU 227	Hya	7.7	10	11		2.5	26.9		
HJ 4199	Pyx	8.29	9.48	8.2		11.6	6.7		
STF 1364/HJ 466	Leo	8.59	9.7	12.48		16.2	34.7		
STT 204,WAL 56	Leo	6.7	10.7	10.6		8.3	85.7		
STF 1415	Uma	6.6	7.2	10.8		16.6	153.3		
36 Uma, LDS 2863	Uma	4.8	8.8	11.4		122.8	238.7		
STF 1464	Sex	8.26	10.26	10.51		5.8	66.7		
JC 16	Crt	5.82	8.6	8.86		8.2	166.1		
DUN 116 ABC	Hya	7.6	7.8	11.6		18.7	30		
STF 1604	Crv	6.8	10	8.1		9	10.5		
SHJ 143,AD ARN6	Com	4.8	11.8	8.9	D 10	36.7	59	213	
STF 1659 "Stargate"	Crv	7.9	8.3	10.8	D 9.8 E 6.7 F 6.6	28.1	43.8	189.8	AE 151.2, AF 209.4
HJ 2617, BKO 114 AD	CVn	8.41	9.61	11.02	D 13.78	5.7	168.7	43.1	AD 43.1
STF 1669	Crv	5.8	5.8	10.3		5.3	45.9		
STF 1685	Com	7.3	7.7	8.2		16	241.7		
STF 1691 ABC	Uma	8.5	9.8	9.6		18.7	130		
STFA 25 ABC	Dra	6.6	7	8.8		180.8	104.5		BC 180.1
STT 269, ARN 8 AB,D	CVn	AB 7.2		9.1	D 8.4		AB,C 123.7		AB,D 351.6
STF 1769	Cyg	7.91	10.42	9.28	D 12.98	1.5	56.9	149.4	
STF 1808	Boo	8.8	9.6	11.8		2.7	64.9		
STF 1830 &1831 ABCDEF	Uma	7.16	9.56	6.7	E 9.3 F10.28	5.7	112.2		CE 138, EF 10.6

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STF 1843	Boo	7.68	9.23	9.72		19.8	100.8		
STF 1854	Boo	6	10.6	11		26.7	107.2		
BU 31	Boo	8.53	10.26	12.5	D 11.6	1.9	8.2	90	
STF 1896	Boo	8.97	9.47	10.93		4.1	65.7		
STF 1964, HU 1167 AB	CrB	8.07	9.87	8.07	D 9.02	1.4	15	15.8	CD 1.5
STF 1996 ABC	Dra	10.2	10.6	10.59		19.4	162		
STF 1998, STF 1999	Sco	1998 4.8, 1999 7.3	4.8, 7.9	7.3, 11.4	STF 1999 4.1	1.1, 11.9	8, 85	STF1999, 279	
STF 2007	Serp	6.8	7.9	10.8		37.7	162.7		
STF 2011	CrB	7.9	10.2	9.4		2.7	117		
SHJ 223	CrB	5.79	13.9	10.44	D 10.3 E 12.1	53.8	87.5	123.1	AE 76.6
Rho Oph, H 2 19	Oph	5	5.7	7.2	D 6.8 E 8.4 F 11.7	3	151.1	156.1	DE 0.3, CF 4.8
STF 2052	Her	7.69	7.91	11.8		2.5	136.4		
STF 2050 SIN 126 AD	Oph	8.2	9.7	9.3	D 12.9	5.7	140.7	81.3	
STFA 31AB	Her	5.76	6.92	11.4		69.3	25.7		
STF 2083	Her	9.13	9.56	11.38		12.7	119.1		
HJ 4935, Gliese 667	Sco	6.3	7.3	10.2	D 12.45	1.4	32.6	92	BC 31.4, BD 20.3
HJ 5000, DUN 219	Sgr	7.1, 5.84	8.96, 7.75	11.2, 11.3		7.7, 54.2	89.3, 40.7		
STF 2302	Dra	7	9.9	9.6		5.6	22.9		BC 18.3
100 Her, STF 2280	Her	5.81	5.84	11.8		14.4	79.9		
STF 2379	Aql	5.88	7.02	11.3		12.5	21.8		
STT 525, SHJ 282 ABCD	Lyr	6.1	9.12	7.6	D 11	1.8	45.4	214.8	CD 192.4
STF 2521 ABCD	Vul	5.8	10.5	10.54	D 10.57	29	75.1	152.2	
Delta Cyg STF 2579	Cyg	2.8	6.2	12		2.8	62.5		
STF 2673, 2674 CD	Del	8.29	9.75	8.6	D 11.4	2.3	76.5		CD 15
S 752, BU 987	Del	6.8	11.1	7.3		2.5	107.5		
STF 2787	Aqr	7.49	8.64	11.41		22.6	70.4		

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STF 2799	Peg	7.3	7.4	10.2		1.9	135.9		
STF 2816	Cep	5.7		7.48	D 7.53		11.9	20.1	CD 30.6
STF 2944ABC	Aqr	7.3	7.68	8.58		1.8	60.6		
HJ 1823	Lac	7.06	11.48	8.11	D 11.25 E 8.85	18.7	82.5		AE 119 CD 5.1
AR Cas, STT 496	Cas	4.8	9.3	7.2	D 9 E 11.2 F 10.5	0.7	75		AE 39.9 AF 67.2

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STF 3056 AB,C,D	STF 3056 AB,C,D	And		AB,C 4	AB,D 238		00 04 40	+34 15 55
STF 3060 ABCD	STF 3060 ABCD	Peg	136	273	359		00 05 56	+18 04 34
STT 7	STT 7	Cas	129	259	102		00 21 51	+66 28 02
STF 28, FM 12	STF 28, FM 12	And	224	137			00 23 53	+29 30 09
STT 9	STT 9	Cas	51	4			00 26 12	+56 46 45
STF 42	STF 42	And	21	288			00 36 02	+29 59 34
HJ 1054	HJ 1054	Cas	182	61		CD 239	00 49 40	+60 45 33
STF 162	STF 162	Per	197	178	96	BC 177	01 49 15	+47 53 47
AG 38	AG 38	Ari	261	186			02 23 19	+15 25 07
STF 258, BU 876AB	STF 258, BU 876AB	Tri	241	151		CD 30	02 23 55	+33 30 28
H III 80, (AB Cet)	H III 80, (AB Cet)	Cet	297	30			02 27 14.6	-15 13 26
Iota Cas, STF 262	Iota Cas, STF 262	Cas	231	117	60		02 29 04	+67 24 09
STF 271	STF 271	Ari	184	30			02 30 32	+25 14 07
STF 270	STF 270	Per	305	333	281		02 30 51	+55 32 54
HJ 3518	HJ 3518	For	14	199			02 38 52	-28 09 58
STF 291	STF 291	Ari	118	242			02 41 07	+18 48 01
HJ 658	HJ 658	Cet	A,BC 24		308	BC 4	02 55 29	+09 52 42.6
STF 373 AB, STTA 33 AC, STU1 AD	STF 373 AB, STTA 33 AC, STU1 AD	Cam	118	111	168		03 22 05	+62 44 29
STFA 7, STF 401	STFA 7, STF 401	Tau	STFA 7, 234 STF 401, 269			STFA 7 BC, 0 STF 401, BC 129	03 31 03, 03 31 21	+ 27 43 54, +27 348
HJ 2200 ABC	HJ 2200 ABC	Cam	247	85			03 50 21	+71 19 56
STFA 8 Alcyone	STFA 8 Alcyone	Tau	291	313	297		03 47 29	+24 06 19
Zeta Per, STF 464	Zeta Per, STF 464	Per	208	286	195	AE 186	03 54 08	+31 53 01
STF 518	STF 518	Eri	A,BC 102	98	37	AE 25	04 15 16	-07 39 10
HJ 3644 AB,C AB,D	HJ 3644 AB,C AB,D	Eri	AB,C 1		AB,D 41		04 21 31	-25 43 42
STF 533	STF 533	Per	62	193			04 24 25	+34 18 53
51 Eri, BU 88, WAL 32	51 Eri, BU 88, WAL 32	Eri	75	163			04 37 36	-02 28 25
HJ 3677 AB, DAW 81 BC	HJ 3677 AB, DAW 81 BC	Eri	354			BC 17	04 40 27	-29 34 40
62 Eri, SHJ 48, GMC 11	62 Eri, SHJ 48, GMC 11	Eri	76	331			04 56 24	-05 10 17

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SHJ 49, WAL 34AD	SHJ 49, WAL 34AD	Ori	306	89	292	BC 104	04 58 59	+14 32 36
STF 617, STF 618AC, AD	STF 617, STF 618AC, AD	Cam	211	194	189		05 03 33	+63 05 09
66 Eri, STF 642, HUB 5	66 Eri, STF 642, HUB 5	Eri	233	10			05 06 46	-04 39 19
STF 697, WAL 38	STF 697, WAL 38	Ori	287	284	285		05 23 32	+16 02 26
STF 711 ABCD	STF 711 ABCD	Aur	224	254			05 31 29	+54 39 16
STF 718 ABC	STF 718 ABC	Aur	72	186			05 32 21	+49 23 36
STF 761 & 762	STF 761 & 762	Ori	202	209	308		05 38 37	-02 33 13
HJ 3780	HJ 3780	Lep	169	137		CD 355	05 39 16	-17 50 58
STF 788	STF 788	Ori	91	149			05 44 43	+03 49 53
STF 796	STF 796	Aur	62	325			05 49 56	+31 47 09
BU 1	BU 1	Cas	82	134	195	AE 333	00 52 49	+56 37 40
STF 815	STF 815	Ori	137	309			05 54 36	+05 21 13
BU 193	BU 193	Ori	97	232			06 15 30	+03 57 30
STF 866	STF 866	Cam	196	268			06 18 16	+62 11 52
S 516	S 516	CMa	8	243			06 19 15	-24 58 30
HJ 3858	HJ 3858	Col	48			BC 310	06 25 30	-35 03 50
5 Lyn, S 514, WAL 46	5 Lyn, S 514, WAL 46	Lyn	140	272	168		06 26 49	+58 25 03
10 Mono, BUP 89	10 Mono, BUP 89	Mon	257	232			06 27 58	-04 45 44
HJ 3875+BU 755	HJ 3875+BU 755	Col	259	302			06 35 24	-36 46 48
STF 982 ABC	STF 982 ABC	Gem	145	328			06 54 38	+13 10 40
STF 1007 AD	STF 1007 AD	Gem	300	244	28		07 00 37	+12 43, 24
STF 1054	STF 1054	Gem	292	274			07 18 05	+34 57 06
Tau CMa, HJ 3948	Tau CMa, HJ 3948	CMa	90	87	78		07 18 42	-24 57 16
STF 1075	STF 1075	Cam	346	334			07 27 44	+62 59 45
STF 1102 ABDE	STF 1102 ABDE	Gem	45	77	131		07 30 26	+13 51 54
Castor ABCD STF 1110	Castor ABCD STF 1110	Gem	51	164	222		07 34 36	+31 53 18
Zeta 2 Cnc, STF 1196	Zeta 2 Cnc, STF 1196	Cnc	177	AB,C 64	AB,D 107	AB,E, 26	08 12 13	+17 38 51
STF 1169, PKO 21	STF 1169, PKO 21	Cam	15	124			08 16 31	+79 30 03
HJ 4106+LDS 223	HJ 4106+LDS 223	Pyx	308	219			08 31 26	-36 41 36

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STF 1245	STF 1245	Cnc	25	109	292	AE 207	08 35 51	+06 37 14
S 571, BU584	S 571, BU584	Cnc	293	AG 158	242	DE 3	08 39 56	+19 33 11
ENG 37	ENG 37	Cnc	150	309	111		08 40 06	+20 00 28
HDO 204	HDO 204	Pyx	327	278			08 45 57	-32 09 50
STF 1300	STF 1300	Cnc	178	13	61		09 01 17	+15 15 57
STF 1316	STF 1316	Hya	138	281			09 07 52	-07 08 20
HU 227	HU 227	Hya	223	325			09 09 01	-14 11 03
HJ 4199	HJ 4199	Pyx	111	269			09 19 58	-27 46 35
STF 1364/HJ 466	STF 1364/HJ 466	Leo	155	297			09 32 02	+20 02 49
STT 204,WAL 56	STT 204,WAL 56	Leo	99	81			09 38 46	+10 46 40
STF 1415	STF 1415	Uma	167	13			10 17 51	+71 03 39
36 Uma, LDS 2863	36 Uma, LDS 2863	Uma	303	292			10 30 38	+55 59 50
STF 1464	STF 1464	Sex	302	226			10 41 35	-00 16 21
JC 16	JC 16	Crt	82	112			11 29 39	-24 27 51
DUN 116 ABC	DUN 116 ABC	Hya	82	38			11 56 42	-32 16 05
STF 1604	STF 1604	Crv	89	4			12 09 29	-11 51 25
SHJ 143,AD ARN6	SHJ 143,AD ARN6	Com	59	168	132		12 22 30	25 50 46
STF 1659 "Stargate"	STF 1659 "Stargate"	Crv	351	69	32	AE 275, AF 139	12 35 44	-12 01 30
HJ 2617, BKO 114 AD	HJ 2617, BKO 114 AD	CVn	1	176	343		12 40 37.4	+40 17 16
STF 1669	STF 1669	Crv	314	228			12 41 16	-13 00 54
STF 1685	STF 1685	Com	202	328			12 51 55	+19 10 20
STF 1691 ABC	STF 1691 ABC	Uma	275	84			12 54 60	+58 09 38
STFA 25 ABC	STFA 25 ABC	Dra	298	225		BC 151	13 13 28	+67 17 17
STT 269, ARN 8 AB,D	STT 269, ARN 8 AB,D	CVn		332	AB,D 259		13 32 51	+34 54 26
STF 1769	STF 1769	Cyg	47	258	187		13 38 02	'+39 10 41
STF 1808	STF 1808	Boo	90	108			14 10 08	+26 35 58
STF 1830 &1831 ABCDEF	STF 1830 &1831 ABCDEF	Uma	138	219		CE 245, EF 312	14 15 60, 14 16 08	+56 41 21, +56 42 46

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STF 1843	STF 1843	Boo	186	63			14 24 39	+47 49 50
STF 1854	STF 1854	Boo	255	121			14 29 50	+31 47 28
BU 31	BU 31	Boo	222	163	259		14 52 30	+18 44 20
STF 1896	STF 1896	Boo	276	342			14 58 22	+44 02 36
STF 1964, HU 1167 AB	STF 1964, HU 1167 AB	CrB	80	86	80	CD 21	15 38 13	+36 14 49
STF 1996 ABC	STF 1996 ABC	Dra	108	141			15 56 31	+57 16 58
STF 1998, STF 1999	STF 1998, STF 1999	Sco	17, 98	42, 84.5	STF 1999, 349		16 04 22, 16 04 26	-11 22 23, -11 26 58
STF 2007	STF 2007	Serp	322	137			16 06 03	+13 19 16
STF 2011	STF 2011	CrB	67	350			16 07 38	+28 59 44
SHJ 223	SHJ 223	CrB	23	21	50	AE 15	16 16 45	+29 09 01
Rho Oph, H 2 19	Rho Oph, H 2 19	Oph	335	0	253	DE 296, CF 207	16 25 35	-23 26 47
STF 2052	STF 2052	Her	117	44			16 28 53	+18 24 51
STF 2050 SIN 126 AD	STF 2050 SIN 126 AD	Oph	218	295	44		16 30 50	-13 07 58
STFA 31AB	STFA 31AB	Her	229	316			16 40 39	+04 13 11
STF 2083	STF 2083	Her	334	191			16 42 44	+13 36 29
HJ 4935, Gliese 667	HJ 4935, Gliese 667	Sco	318	142	285	BC 136, BD 312	17 18 57	-34 59 23
HJ 5000, DUN 219	HJ 5000, DUN 219	Sgr	103, 253	45, 174			17 59 13, 17 58 56	-36 56 20, -36 51 30
STF 2302	STF 2302	Dra	247	278		BC 287	18 02 51	+75 47 24
100 Her, STF 2280	100 Her, STF 2280	Her	185	127			18 07 50	+26 06 04
STF 2379	STF 2379	Aql	121	155			18 46 29	-00 57 42
STT 525, SHJ 282 ABCD	STT 525, SHJ 282 ABCD	Lyr	130	349	295	CD 283	18 54 53	+33 58 07
STF 2521 ABCD	STF 2521 ABCD	Vul	29	326	62		19 26 29	+19 53 30
Delta Cyg STF 2579	Delta Cyg STF 2579	Cyg	214	62			19 44 58	+45 07 50
STF 2673, 2674 CD	STF 2673, 2674 CD	Del	326	100		CD 1	20 22 44	+13 20 25
S 752, BU 987	S 752, BU 987	Del	128	288			20 30 14	+19 25 16
STF 2787	STF 2787	Aqr	20	94			21 21 48	+02 01 38

Multiple Star OP Object List

Object List System Name	Object List System Name	Const.	P.A. AB	P.A. AC	P.A. AD	P.A. Other	RA	Dec
STF 2799	STF 2799	Peg	257	331			21 28 53	+11 05 05
STF 2816	STF 2816	Cep		120	339	CD 324	21 38 58	+57 29 20
STF 2944ABC	STF 2944ABC	Aqr	311	85			22 47 50	-04 13 44
HJ 1823	HJ 1823	Lac	264	336		CD 139 AE 263	22 51 49	+41 18 47
AR Cas, STT 496	AR Cas, STT 496	Cas	1	269		AE 117 AF 338	23 30 02	+58 32 56