

O & N Memo No. 45

TO: Distribution

FROM: George Karthas

DATE: November 12, 1965

SUBJECT: Final List of Navigational Stars

This list has been selected from a coverage and visibility standpoint.

If you have any comments, please contact George Karthas or Alexander Koso.

<u>NO.</u>	<u>STAR NAME</u>	<u>VIS. MAG.</u>	<u>SPECTRAL CLASS</u>	<u>RIGHT ASCENSION</u>		<u>DECLINATION</u>	
				(Hr. Min.)		(Deg. Min.)	
1	α Andromedae	2.1	A0	0	06	+28	53
2	β Ceti	2.2	K0	0	42	-18	11
3	γ Cassiopeiae	2.2	B0	0	54	+60	27
4	α Eridani (Achernar)	0.6	B5	1	36	-57	25
5	α Ursae Minoris (Polaris)	2.1	F8	1	58	+89	06
6	θ Eridani	3.4	A2	2	57	-40	26
7	α Ceti	2.8	M2	3	00	+03	56
8	α Persei	1.9	F5	3	22	+49	44
9	α Tauri (Aldebaran)	1.1	gK5	4	34	+16	26
10	β Orionis (Rigel)	0.3	cB8	5	12	-08	15
11	α Aurigae (Capella)	0.2	gG0	5	13	+45	57
12	α Carinae (Canopus)	-0.9	F0	6	23	-52	40
13	α Canis Majoris (Sirius)	-1.6	A0	6	44	-16	40

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				(Hr. Min.)		(Deg. Min.)	
14	α Canis Minoris (Procyon)	0.5	F5	7	37	+05	19
15	γ Velorum	1.9	00	8	08	-47	14
16	ι Ursae Majoris	3.1	A5	8	50	+48	30
17	α Hydrae	2.2	K2	9	26	-08	30
18	α Leonis (Regulus)	1.3	B8	10	06	+12	09
19	β Leonis	2.2	A2	11	47	+14	46
20	γ Corvi	2.8	B8	12	13	-17	20
21	α Crucis	1.6	B1	12	24	-62	49
22	α Virginis (Spica)	1.2	B2	13	23	-10	58
23	η Ursae Majoris	1.9	B3	13	46	+49	30
24	θ Centauri	2.3	K0	14	04	-36	11
25	α Bootis (Arcturus)	0.2	gK0	14	14	+19	22
26	α Coronae Borealis	2.3	A0	15	33	+26	50
27	α Scorpii (Antares)	1.2	gK0	16	27	-26	21
28	α Trianguli Austr.	1.9	K2	16	43	-68	56
29	α Ophiuchi	2.1	A5	17	33	+12	35
30	α Lyrae (Vega)	0.1	A0	18	36	+38	45

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31	σ Sagittarii	2.1	B3	18 53	-26 20
32	α Aquilae (Altair)	0.9	A5	19 49	+08 46
33	β Capricorni	3.2	F8	20 19	-14 54
34	α Pavonis	2.1	B3	20 23	-56 51
35	α Cygni (Deneb)	1.3	A2	20 40	+45 09
36	ϵ Pegasi	2.5	K0	21 42	+09 42
37	α Piscis Austr. (Fomalhaut)	1.3	A3	22 56	-29 49

Distribution: O&N Group
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