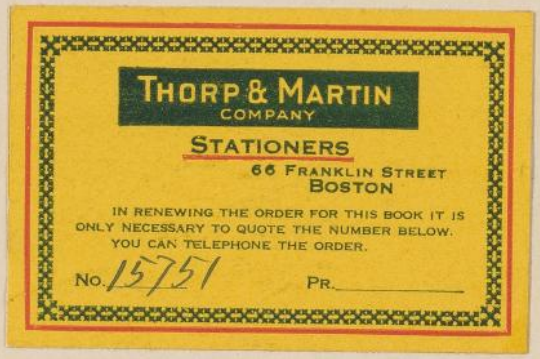
1930phae.proj.2329N

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ALL POSITIONS ARE FOR 1900

" = seconds hour angle

' = minutes of arc

omitted ~~page 21~~ 83-94
156-172

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A 14103

NEB.	α			δ		COMP. STARS					α			δ	
96	22	7	43	-46	17.3	22	12	31	-46	38.2					
H.N.2866	22	7	43	-46	17.3	22	5	20	-45	14.3					
	22	7	43	-46	17.3						22	13	57	-45	47.9
103	22	7	57	-46	2.8										
	22	7	52	-46	2.8										
H.N.2867	22	7	52	-46	2.8						22	14	06	-45	33.4
182	22	8	1	-45	26.3										
	22	8	1	-45	26.3										
	22	8	1	-45	26.9						22	14	11	-44	56.7
210	22	8	9	-45	22.7										
	22	8	10	-45	22.5										
	22	8	10	-45	22.6						22	14	20	-44	53.0
118	22	9	5	-45	32.2										
mt?	22	9	5	-45	32.1										
	22	9	5	-45	32.2						22	16	14	-45	2.5
112	22	9	26	-45	49.6										
	22	9	26	-45	49.4										
	22	9	26	-45	49.5						22	15	35	-45	19.8
101	22	9	38	-46	16.3										
	22	9	38	-46	16.3										
	22	9	38	-46	16.3						22	15	50	-45	46.7
100	22	9	50	-46	20.6										
	22	9	50	-46	20.5						22	16	02	-45	51.0
	22	9	50	-46	20.6										

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H 14103

Neb.	α			δ		Comp. Stars				α			δ	
209	22	10	26	-45	41.7	22	12	31	-46	38.2				
mb?	22	10	26	-45	41.4	22	5	20	-45	14.0				
	22	10	26	-45	41.6						22	16	35	-45	11.9
214	22	10	20	-45	25.0										
	22	10	20	-45	24.5										
	22	10	20	-45	24.8						22	16	32	-45	5.2
211	22	10	42	-46	9.6										
	22	10	42	-46	9.2										
	22	10	42	-46	9.4						22	16	54	-45	39.7
117	22	11	58	-45	19.7										
	22	11	58	-45	19.3										
	22	11	58	-45	19.5						22	18	6	-44	49.7
121	22	7	0	-44	31.4	-44	14825								
	22	7	0	-44	31.4	-44	14805								
	22	7	0	-44	31.4	22	9	5	-44	41.7	22	13	9	-44	2.1
	Δα = 2.26"			Δδ = 21.5'		22	5	19	-44	20.2					
	= 39.8 mm			= 23.0 mm											
125	22	7	16	-43	49.5	-44	14805								
	22	7	16	-43	49.3	-43	14983								
	22	7	16	-43	49.4	22	5	19	-44	20.2	22	13	24	-43	20.1
	Δα = 4.11"			Δδ = 74.9'		22	12	10	-43	5.3					
	= 87.8 mm			= 79.0 mm											

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H 14103

NEB.	α			δ		COMP. STARS					α			δ	
218	22	7	25	-44	6.9	22	5	19	-44	20.2					
	22	7	25	-44	6.8	22	12	10	-43	5.3					
	22	7	25	-44	6.8						22	13	34	-43	37.5
219	22	7	44	-43	46.4										
	22	7	45	-43	46.3										
	22	7	45	-43	46.4						22	13	53	-43	17.1
201	22	8	12	-43	37.2										
	22	8	12	-43	37.1										
	22	8	12	-43	37.2						22	14	19	-43	7.8
124	22	8	57	-43	54.6										
	22	8	56	-43	54.4										
	22	8	56	-43	54.5						22	15	03	-43	25.1
129	22	9	23	-43	31.6										
not?	22	9	22	-43	31.5										
	22	9	22	-43	31.6						22	15	29	-43	2.2
15a	22	11	15	-43	11.6										
	22	11	15	-43	11.5										
	22	11	15	-43	11.6						22	17	22	-42	42.1
16a	22	11	41	-43	10.6										
	22	11	41	-43	10.4										
	22	11	41	-43	10.5						22	17	48	-42	41.0

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A 14103

NEB.	α	δ	COMP. STARS	α	δ
126	22 7 51	−43 4.7	−43 14963		
H.N. 2868	22 7 51	−43 4.8	−42 15804		
	22 7 51	−43 4.8	22 9 54 −43 11.5	22 13 59	−42 35.5
	Δα = 287″	Δδ = 49.6′	22 5 7 −42 21.9		
	= 51.0 mm	= 51.5 mm			
90	22 10 29	−47 37.0	−47 14128		
neb?	22 10 29	−47 37.0	−47 14103		
	22 10 29	−47 37.0	22 10 42 −47 43.7	22 16 42	−47 7.2
	Δα = 198″	Δδ = 29.5′	22 7 24 −47 14.2		
	= 31.0 mm	= 31.0 mm			
119	22 8 45	−45 4.2	−45 14632		
	22 8 44	−45 4.3	−45 14644		
	22 8 44	−45 4.2	22 8 4 −45 12.4	22 14 54	−44 34.6
	Δα = 84″	Δδ = 18.5′	22 9 28 −44 53.9		
	= 13.5 mm	= 15.2 mm			
120	22 8 58	−45 7.3			
neb?	22 8 58	−45 7.3			
	22 8 58	−45 7.3		22 15 08	−44 37.7
216	22 11 50	−45 1.3	−45 14676		
neb?	22 11 50	−45 1.3	−44 14825		
	22 11 50	−45 1.3	22 16 22 −45 31.7	22 17 59	−44 31.6
	Δα = 437″	Δδ = 50.0′	22 9 5 −44 41.7		
	= 75.5 mm	= 535 mm			

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NEB.	α			δ		COMP. STARS				α			δ	
7	22	12	45	-45	13.5	22	16	22	-45	31.7				
	22	12	45	-45	13.5	22	9	5	-44	41.7				
85.5	22	12	45	-45	13.5						22	18	53	-44	43.7
9a	22	13	0	-44	54.8										
	22	12	59	-44	54.8										
	22	13	0	-44	54.8						22	19	6	-44	25.0
7.2 10a	22	13	5	-44	58.5										
	22	13	5	-44	58.5										
	22	13	5	-44	58.5						22	19	11	-44	28.7
12a	22	13	52	-44	55.2										
	22	13	51	-44	54.9										
54.6	22	13	52	-44	55.0						22	19	58	-44	25.2
11	22	14	20	-45	4.1										
neb?	22	14	21	-45	4.1										
	22	14	20	-45	4.1						22	20	27	-44	34.2
7.7 5a	22	14	47	-45	29.4										
neb?	22	14	47	-45	29.4										
	22	14	47	-45	29.4						22	20	54	-44	58.5
61.6 3a	22	15	4	-46	10.4			-46	14270						
	22	15	4	-46	10.3			-45	14679						
	22	15	4	-46	10.4	22	12	31	-46	38.2	22	21	13	-45	40.4
	Δα = 284"			Δδ = 49.0'		22	17	15	-45	49.2					
	= 52.0 mm			= 468 mm											

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A14103

NEB.	α	δ	COMP. STARS	α	δ
14a	22 14 59	-44 22.6	-44 14 884		
	22 14 59	-44 22.6	-44 14 558		
	22 14 59	-44 22.6	22 16 54 -44 34.1	22 21 04	-43 52.7 2 st
	Δα = 153"	Δδ = 33.9'	2a 14 21 -44 0.2		
	= 26.0 mm	= 35.5 mm			

#

A13082

A13082

NEB.	α	δ	COMP. STARS	α	δ
1	1 14 46	+30 13.9	+30 206		
	1 14 46	+30 13.9	+29 216		
Wolf #4 =	~~1 14 46~~	~~+30 18.9~~	1 15 49 +30 49.4	~~1 20 18~~	~~+30 45.7~~
	Δα = 122"	Δδ = 54.5'	1 13 47 +29 37.9		
	= 29.0 mm	= 54.5 mm			
4	1 15 37	+30 46.9			
	1 15 36	+30 46.9			
star : cf MC 27459	~~1 15 36~~	~~+30 46.9~~		~~1 21 08~~	~~+31 18.7~~ st
2	1 14 20	+31 56.4	+31 225		
	1 14 20	+31 56.4	+31 234		
	1 14 20	+31 56.4	1 13 38 +31 59.6	1 19 52	+32 28.0
	Δα = 203"	Δδ = 17.4'	1 17 1 +31 42.2		2 st
	= 43.0 mm	= 19.0 mm			
3	1 15 35	+29 20.2	+29 222		
	1 15 34	+29 20.2	+28 216		
2 stars : cf MC 27459	~~1 15 34~~	~~+29 20.2~~	1 16 50 +29 22.7	~~1 21 07~~	~~+29 51.9~~ 2 sta
	Δα = 209"	Δδ = 23.3'	1 13 21 +28 59.4		
	= 47.0 mm	= 23.0 mm			

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#130852

NEB.		α		δ		COMP. STARS				α		δ	
5	/	16	3	+30	21.2	+30	206						
	/	16	2	+30	21.1	+29	230						
2.7 2 stars: cf MC 27459	/	~~16~~	~~2~~	~~+30~~	~~21.2~~	/ 15	49	+30	49.4	/ ~~21~~	~~33~~	~~+30~~	~~52.8~~
$\Delta\alpha = 195''$				$\Delta\delta = 30.9'$		/ 19	4	+29	58.5				
$= 40.8$ mm				$= 51.3$ mm									
6	/	16	42	+28	25.6	+ 28	227						
	/	16	42	+28	25.6	+ 27	215						
	/	16	42	+28	25.6	/ 17	15	+28	40.3	/ 22	13	+28	47.1
$\Delta\alpha = 100''$				$\Delta\delta = 27.5'$		/ 15	35	+28	12.8				
$= 23.0$ mm				$= 26.4$ mm									
5.7 7	/	17	19	+28	18.3								
	/	17	19	+28	18.3								
	/	17	19	+28	18.3					/ 22	50	+28	49.8
8	/	17	24	+28	43.9	+ 29	229						
	/	17	24	+28	43.9	+ 28	227						
8.7 star: cf MC 27459	/	~~17~~	~~24~~	~~+28~~	~~43.9~~	/ 18	53	+29	19.1	/ ~~22~~	~~55~~	~~+29~~	~~15.4~~
$\Delta\alpha = 98''$				$\Delta\delta = 38.8'$		/ 17	15	+28	40.3				
$= 22.5$ mm				$= 38.8$ mm									
8.0 13	/	18	12	+28	47.9								
	/	18	12	+28	47.9								
2 stars: cf MC 27459	/	~~18~~	~~12~~	~~+28~~	~~47.4~~					/ ~~23~~	~~43~~	~~+29~~	~~19.4~~
15	/	18	33	+28	51.9								
	/	18	33	+28	51.9								
1.9 2 stars: cf MC 27459	/	~~18~~	~~33~~	~~+28~~	~~51.9~~					/ ~~24~~	~~04~~	~~+29~~	~~23.4~~

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H 3082
NEB.

	α	δ	Comp. Stars	λ	δ
9	1 17 15	+31 11.7	+31 230		
	1 17 14	+31 11.7	+30 216		
	1 17 14	+31 11.7	1 15 30 +31 16.1	1 22 49	+31 43.1
	Δα = 261″ = 56.0 mm	Δδ = 36.6′ = 40.0 mm	1 19 51 +30 39.5		
10	1 17 22	+31 2.6			
	1 17 23	+31 2.6			
star: MC 27459	~~1 17 22~~	~~+31 2.6~~		~~1 22 57~~	~~+31 34.0~~
11	1 17 26	+30 59.8			
	1 17 26	+30 59.8			
	1 17 26	+30 59.8		1 23 00	+31 21.3
14	1 17 50	+30 55.2			
	1 17 49	+30 55.1			
2 stars: MC 27459	~~1 17 50~~	~~+30 55.2~~		~~1 23 24~~	~~+31 26.0~~
18	1 19 14	+30 45.6			
	1 19 14	+30 45.6			
2 stars: cf MC 27459	~~1 19 14~~	~~+30 45.6~~		~~1 24 48~~	~~+31 17.0~~
12	1 17 48	+29 39.8	+29 230		
	1 17 47	+29 39.8	+29 222		
	1 17 48	+29 39.8	1 19 4 +29 38.5	1 23 21	+30 11.3
	Δα = 134″ = 30.5 mm	Δδ = 35.8′ = 35.8	1 16 50 +29 22.7		
16	1 18 38	+29 49.8			
	1 18 38	+29 49.8			
star: cf MC 27459	~~1 18 38~~	~~+29 49.8~~		~~1 24 11~~	~~+30 21.3~~

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A13082

Neb.	α	δ	Comp. Stars	α	δ
17	1 18 47	+32 29.2	+ 32 248		
	1 18 47	+32 29.2	+ 31 234		
3.1	1 18 47	+32 29.2	1 19 37 + 32 44.5	1 24 28	+33 0.7
	Δα = 156"	Δδ = 62.3'	1 17 1 +31 42.2		
	= 34.5 mm	= 61.0 mm			
19	1 20 53	+29 23.9	+ 29 245		
	1 20 52	+29 24.0	+ 29 229		
4.0	2 stars: of MC 27459 ~~1 20 52~~	~~+29 24.0~~	1 29 19 +29 47.1	~~1 26 26~~	~~+29 55.3~~
	Δα = 266"	Δδ = 28.0'	1 18 53 + 29 19.1		
	= 59.0	= 27.6 mm			
3.3	28 1 22 2	+29 31.1			
	1 22 1	+29 31.1			
	1 22 2	+29 31.1		1 27 37	+30 2.3
6.6	20 1 20 11	+32 49.7	+32 250		
	1 20 11	+32 49.7	+32 248		
	1 20 11	+32 49.7	1 22 43 +33 2.9	1 25 47	+33 21.1
	Δα = 186"	Δδ = 18.4'	1 19 37 +32 44.5		
7.0	= 49.5 mm	= 17.8 mm			
	21 1 20 34	+ 32 53.3			
	1 20 34	+32 53.3			
1.3	1 20 34	+ 32 53.3		1 26 10	+33 24.7
~~1.3~~					

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A 13082

NEB.

	α			δ			Comp. Stars	α		δ		
22	1	20	58	+31	47.1		+32 248					
	1	20	58	+31	47.1		+31 256					
2 stars: cf. MC 27459	~~1~~	~~20~~	~~58~~	~~+31~~	~~47.1~~		1 19 37 +32 44.5	1	26	34	+32	18.4
	Δα = 201"			Δδ = 64.4'			1 22 58 +31 40.1					
	= 42.0 mm			= 66.8 mm								
26	1	21	15	+32	3.0							
	1	21	13	+32	3.0							
	1	21	14	+32	3.0			1	26	50	+32	34.4
23	1	20	2	+28	43.1		+29 229					
	1	20	3	+28	43.0		+28 239					
2 stars: cf. MC 27459	~~1~~	~~20~~	~~2~~	~~+28~~	~~43.0~~		1 18 53 +29 19.1	1	26	34	+29	14.4
	Δα = 229"			Δδ = 45.8'			1 22 42 +28 333					
	= 49.5 mm			= 47.4								
24	1	21	7	+28	35.8							
	1	21	7	+28	35.9							
2 stars: cf. MC 27459	~~1~~	~~21~~	~~7~~	~~+28~~	~~35.8~~			1	26	39	+29	7.2
25	1	21	21	+30	46.8		+ 31 256					
	1	21	21	+30	46.8		+ 30 216					
2 stars: cf. MC 27459	~~1~~	~~21~~	~~21~~	~~+30~~	~~46.8~~		1 22 58 +31 40.1	1	26	56	+31	18.1
	Δα = 187"			Δδ = 60.6'			1 19 51 +30 39.5					
	= 41.5 mm			= 60.6 mm								
29	1	22	38	+31	21.8							
	1	22	38	+31	21.8							
	1	22	38	+31	21.8			1	28	14	+31	53.0

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#13082

NEB.	α	δ	COMP. STARS	α	δ
27	1 21 28	+30 21.6	+30 216		
	1 21 28	+30 21.6	+30 229		
8.4 star: of MC 27459	~~1 21 28~~	~~+30 21.6~~	1 19 51 +30 39.5	~~1 27 03 +30 52.9~~	
	Δα = 234"	Δδ = 18.2'	1 23 45 +30 21.3		
	= 50.8 mm	= 17.3 mm			
32	1 24 57	+32 7.3	+32 265		
	1 24 57	+32 7.3	+31 256		
4.4	1 24 57	+32 7.3	1 26 30 +32 14.3	1 30 34 +32 38.5	
	Δα = 212"	Δδ = 34.2'	1 22 58 +31 40.1		
	= 45.8 mm	= 37.0 mm			
4.4 35	1 25 9	+31 34.9	+31 256		
	1 25 10	+31 34.9	+31 269		
	1 25 10	+31 34.9	1 22 58 +31 40.1	1 30 47 +32 6.0	
	Δα = 162"	Δδ = 16.5'	1 25 40 +31 23.6		
	= 46.8 mm	= 16.5 mm			
~~4.2~~ 30	1 24 25	+29 32.1	+29 245		
	1 24 25	+29 32.1	+28 246		
	1 24 25	+29 32.1	1 23 19 +29 47.7	1 30 00 +30 3.2	
8.1	Δα = 90"	Δδ = 53.8'	1 24 49 +28 53.9		
	= 19.2 mm	= 55.0 mm			
31	1 24 47	+30 53.0	+31 269		
	1 24 46	+30 53.1	+30 229		
star: of MC 27459	~~1 24 46~~	~~+30 53.0~~	1 25 40 +31 23.6	1 30 22 +31 24.1	
	Δα = 115"	Δδ = 6.23'	1 23 45 +30 21.3		
3.0	= 37.5 mm	= 60.8 mm			

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A 13082
NEB.

	α	δ	Comp. Stars	λ	δ
33	1 24 54	+31 7.4	1 25 40 +31 29.6		
	1 24 54	+31 7.3	1 23 45 +30 21.3		
star: cf MC 27459	~~1 24 54~~	~~+31 7.4~~		~~1 30 31~~	~~+31 38.5~~
34	1 24 57	+30 43.8			
	1 24 57	+30 43.8			
	1 24 57	+30 43.8		1 30 33	+31 14.9
37	1 26 20	+32 40.8	+32 261		
	1 26 20	+32 40.7	+32 265		
	1 26 20	+32 40.8	1 25 11 +32 48.2	1 31 57	+33 12.0
	Δα = 79″	Δ δ = 33.9′	1 26 30 +32 14.3		
	= 16.0 mm	= 35.8 mm			
38	1 26 25	+32 39.4			
	1 26 25	+32 39.4			
	1 26 25	+32 39.4		1 32 2	+33 10.6
36	1 26 31	+29 3.9	+29 267		
	1 26 33	+29 3.9	+28 246		
2 stars: cf MC 27459	~~1 26 33~~	~~+29 3.9~~	1 30 55 +29 18.7	~~1 32 08~~	~~+29 34.9~~
	Δα = 366″	Δ δ = 24.8′	1 24 49 +28 53.9		
	= 80.5 mm	= 23.5			
39	1 29 3	+29 13.4			
	1 29 4	+29 13.4			
	1 29 4	+29 ~~13.4~~		1 34 40	+29 44.3

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A 13062

	Neb.	α	δ	Comp. Stars	α	δ
	40	1 29 36	+32 31.3	+32 281		
		1 29 36	+32 31.2	+32 270		
8.5		1 29 36	+32 31.2	1 31 9 +33 8.9	1 35 21	+33 2.1
		Δα = 119″	Δδ = 43.8′	1 29 10 +32 25.1		
		= 25.5 mm	= 43.0 mm			
14.9	41	1 29 57	+33 3.3			
		1 29 54	+33 3.3			
		1 29 56	+33 3.3		1 35 40	+33 34.2
12.0	45	1 30 40	+29 57.0	+29 268		
		1 30 40	+29 56.9	+29 266		
		1 30 40	+29 57.0	1 30 56 +30 8.3	1 36 17	+30 27.8
		Δα = 21	Δδ = 22.2	1 30 35 +29 46.1		
		= 5.2 mm	= 21.5 mm			
10.6	42	1 30 8	+31 39.5	+31 277		
		1 30 8	+31 39.5	+30 234		
		1 30 8	+31 39.5	1 30 1 +31 43.9	1 35 47	+32 10.4
		Δα = 157″	Δδ = 52.0′	1 32 38 +30 51.9		
14.9		= 33.0 mm	= 53.8 mm			
	43	1 30 25	+31 16.8			
		1 30 25	+31 16.8			
		1 30 25	+31 16.8		1 36 04	+31 47.7
14.3	44	1 30 34	+30 57.5			
		1 30 34	+30 57.5			
		1 30 34	+30 57.5		1 36 12	+31 28.3

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NEB.	α	δ	COMP. STARS	α	δ
46	1 31 15	+29 45	+29 279		
	1 31 15	+29 4.5	+28 267		
star: of MC 27459	~~1 31 15~~	~~+29 4.5~~	1 34 1 +29 35.2	1 36 52	+29 35.2
	Δα = 180"	Δδ = 39.6'	1 31 1 +28 55.6		
	= 39.5 mm	= 39.6 mm			
49	1 33 4	+28 59.5			
	1 33 4	+28 59.5			
star: of MC 27459	~~1 33 4~~	~~+28 59.5~~		1 38 40	+29 30.2
51	1 33 54	+29 18.0			
	1 33 54	+29 18.0			
	1 33 54	+29 18.0		1 39 32	+29 48.5
47	1 31 41	+31 36.3	+31 277		
	1 31 41	+31 36.4	+30 254		
	1 31 41	+31 36.4	1 30 1 +31 43.9	1 37 20	+32 7.2
	Δα = 157"	Δδ = 52.0'	1 32 38 +30 31.9		
	= 33.0 mm	= 53.8 mm			
48	1 32 31	+31 35.4			
	1 32 31	+31 35.4			
	1 32 31	+31 35.4		1 38 10	+32 6.2
50	1 33 45	+32 25.0	+32 288		
	1 33 45	+32 25.1	+31 296		
	1 33 45	+32 25.0	1 33 31 +32 35.8	1 39 26	+32 55.7
	Δα = 195"	Δδ = 53.1"	1 36 46 +31 42.7		
	= 42.0 mm	= 34.0 mm			

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NEB.	α		δ		COMP. STARS	α		δ	
55	1	34 24	+32	4.3					
	1	34 24	+32	4.3					
5.2	1	34 24	+32	4.3		1	40 05	+32	35.0
60	1	35 41	+31	45.7					
	1	35 41	+31	45.7					
	1	35 41	+31	45.7		1	31 21	+32	16.3
02	52 1	34 12	+31	3.2	+31 296				
	1	34 12	+31	3.2	+30 254				
2 stars: c/MC 27459	~~1~~	~~34 12~~	~~+31~~	~~3.2~~	1 36 46	+31	42.7	~~1 39 52~~	~~+31 33.9~~
	Δα = 248"		Δ δ = 50.8'		1 32 38	+30	51.9		
18.5	= 53.0 mm		= 50.8 mm						
54	1	34 23	+31	24.7					
	1	34 23	+31	24.7					
7.2 2 stars: c/MC 27459	~~1~~	~~34 23~~	~~+31~~	~~24.7~~		~~1~~	~~40 03~~	~~+31~~	~~55.4~~
57	1	35 5	+31	7.7					
	1	35 4	+31	7.7					
	1	35 4	+31	7.7		1	40 44	+31	38.3
6.2 61	1	36 18	+31	7.7					
	1	36 18	+31	7.7					
	1	36 18	+31	7.7		1	41 58	+31	38.2
5.7 63	1	36 46	+31	7.7					
	1	36 46	+31	7.7					
	1	36 46	+31	7.7		1	42 27	+31	38.2

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A 13082

NEB.	α	δ	COMP. STARS	α	δ
53	1 34 17	+30 43.2	+30 254		
	1 34 17	+30 43.1	+30 261		
	1 34 17	+30 43.2	1 32 38 +30 51.9	1 39 55	+39 13.8
	Δα = 2.14″	Δ δ = 29.2′	1 36 12 +30 22.7		
	= 46.5 mm	= 30.0 mm			
59	1 35 42	+30 26.4			
	1 35 42	+30 26.4			
	1 35 42	+30 26.4		1 41 21	+30 57.9
56	1 34 58	+29 34.7	+ 29 279		
	1 34 59	+29 34.7	+ 28 285		
	1 34 58	+29 34.7	1 34 1 +29 35.2	1 40 36	+30 5.2
	Δα = 2.07″	Δ δ = 37.7′	1 37 28 +28 57.5		
	= 45.0 mm	= 37.0 mm			
58	1 35 24	+29 30.1			
	1 35 24	+29 30.1			
	1 35 24	+29 30.1		1 41 02	+30 0.6
62	1 36 33	+29 4.6			
	1 36 33	+29 4.6			
	1 36 33	+29 4.6		1 42 11	+29 35.1
64	1 37 24	+32 10.5	+32 321		
	1 37 24	+32 10.5	+31 296		
	1 37 24	+32 10.5	1 42 1 +32 36.5	1 43 06	+32 41.0
	Δα = 3.15″	Δ δ = 53.8′	1 36 46 +31 42.7		
	= 66.0 mm	= 55.8 mm			

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NEB.		α		δ		COMP. STARS		α		δ	
65	1	39	14	+32	12.9						
	1	39	14	+32	12.9						
3.8	1	39	14	+32	12.9			1	44	57	+32 43.2
70	1	41	16	+32	30.2						
	1	41	16	+32	30.2						
	1	41	16	+32	30.2			1	46	59	+33 0.5
57.9 71	1	41	25	+32	25.9						
	1	41	25	+32	25.9						
	1	41	25	+32	25.9			1	47	08	+32 56.2
5.2 66	1	39	23	+30	19.8	+30	270				
	1	39	23	+30	19.9	+29	290				
	1	39	23	+30	19.8	1 39	50 +30 32.6	1	45	03	+30 50.2
	Δα = 81"			Δδ = 34.5'		, 38	29 +29 58.1				
	= 17.8 mm			= 35.0 mm							
0.6 67	1	39	43	+30	0.1						
	1	39	43	+30	0.1						
	1	39	43	+30	0.1			1	45	23	+ 30 30.5
25.1 68	1	39	37	+27	54.2	+28	298				
	1	39	38	+27	54.2	+27	278				
	1	39	38	+27	54.2	, 41	54 +28 38.5	1	45	15	+28 24.5
	Δα = 141"			Δδ = 54.8'		1 39	33 +27 43.7				
41.0	= 31.0 mm			= 54.8 mm							

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A 13082

NEB.	α	δ	COMP. STARS	α	δ
69	1 40 0	+28 17.7	1 41 54 +28 38.5		
	1 40 0	+28 17.7	1 39 33 +27 43.7		
	1 40 0	+28 17.7		1 45 38	+28 48.0
72	1 41 18	+28 15.7			
	1 41 18	+28 15.7			
	1 41 18	+28 15.7		1 46 56	+28 45.9
73	1 41 54	+29 30.4	+29 305		
	1 41 54	+29 30.4	+29 298		
	1 41 54	+29 30.4	1 43 1 +29 45.6	1 47 34	+30 0.5
	Δα = 130″	Δ δ = 22.1′	1 40 51 +29 23.5		
	= 28.0 mm	= 22.5 mm			
74	1 43 7	+31 25.9	+31 318		
	1 43 6	+31 25.9	+31 308		
	1 43 6	+31 25.9	1 43 35 +31 55.8	1 48 49	+31 56.0
	Δα = 185″	Δ δ = 32.0′	1 40 30 +31 23.8		
	= 39.1 mm	= 33.2 mm			

#

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H 14109

H 14109
NEB.

		α		δ		Comp. Stars			α			δ	
	5	6	7	19	−62	59.6	−63	52.6					
		6	7	18	−62	59.6	−62	60.0					
48.0		6	7	18	−62	59.6	6 5 55	−63 13.1	6	8	10	−63	0.7
		Δα = 413″			Δδ = 25.8′		6 12 48	−62 47.3					
		= 44.8 mm			= 30.5 mm								
45.9	d	6	8	32	−63	10.6							
		6	8	32	−63	10.6							
		6	8	32	−63	10.6			6	9	12	−63	12.0
0.5	6	6	10	13	−63	0.8							
		6	10	13	−63	0.8							
		6	10	13	−63	0.8			6	10	53	−63	2.4
	9	6	8	36	−61	5.5	−61	59.0					
		6	8	36	−61	5.5	−60	57.9					
6.0		6	8	36	−61	5.5	6 7 11	−61 13.4	6	9	36	−61	6.9
		Δα = 401″			Δδ = 27.1′		6 13 52	−60 46.3					
		= 47.0 mm			= 31.0 mm								
	10	6	11	44	−60	59.4							
		6	11	44	−60	59.4							
		6	11	44	−60	59.4			6	12	56	−61	1.2
	8	6	11	40	−62	23.4	−62	58.7					
		6	11	41	−62	23.4	−62	60.3					
		6	11	40	−62	23.4	6 8 2	−62 31.8	6	12	32	−62	25.2
		Δα = 376″			Δδ = 11.8′		6 14 18	−62 20.0					
		= 43.0 mm			= 15.5 mm								

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Neb.	α			δ		Comp. Stars	α			δ	
1	6	6	3	-65	4.2	-65 542					
= N.G.C. 2193	6	6	3	-65	4.1	-64 523					
	6	6	3	-65	4.2	6 2 57 -65 15.1	6	6	17	-65	5.2
	Δα = 551"			Δδ = 60.7'		6 12 2 -64 14.4					
	= 53.2 mm			= 66.5 mm							
2	6	11	8	-64	38.1						
	6	11	8	-64	38.1						
	6	11	8	-64	38.1		6	11	36	-64	39.8
3	6	11	19	-64	38.1						
	6	11	19	-64	38.1						
	6	11	19	-64	38.1		6	11	47	-64	39.8
4	6	12	19	-64	8.7	-64 523					
	6	12	17	-64	8.7	-63 549					
	6	12	17	-64	8.7	6 12 2 -64 14.4	6	12	45	-64	10.6
	Δα = 422"			Δδ = 57.7'		6 19 4 -63 16.7					
	= 43.2 mm			= 61.0 mm							
52	6	15	56	-64	4.7						
	6	15	57	-64	4.7						
	6	15	56	-64	4.7		6	16	24	-64	7.0
50	6	17	0	-63	59.7						
neb?	6	17	0	-63	59.7						
	6	17	0	-63	59.7		6	17	40	-64	2.1

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A 1701

	NEB.	α			δ		COMP. STARS					α			δ	
	47	6	18	14	−63	47.9	6	12	2	−64	14.4					
		6	18	13	−63	47.9	6	19	4	−63	16.7					
5.2		6	18	14	−63	47.9						6	18	54	−63	50.5
	48	6	18	39	−63	48.3										
		6	18	38	−63	48.4										
		6	18	38	−63	48.4						6	19	18	−63	51.0
39.8	49	6	18	52	−63	50.2										
	Star: cf. 15870	6	18	52	−63	50.3										
		~~6~~	~~18~~	~~52~~	~~−63~~	~~50.2~~										
39.8	181	6	14	22	−62	59.3				−63	549					
		6	14	22	−62	59.3				−62	603					
		6	14	22	−62	59.3	6	19	4	−63	16.7	6	15	14	−63	1.4
		Δα = 286″			Δδ = 56.7′		6	14	18	−62	20.0					
10.6		= 36.0 mm			= 55.5 mm											
	182	6	13	34	−62	44.5										
		6	15	34	−62	44.5										
		6	15	34	−62	44.5						6	16	26	−62	46.8
7.0	183	6	17	12	−62	42.5										
		6	17	13	−62	42.4										
	neb?	6	17	12	−62	42.4						6	18	04	−62	44.9
2.1																

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A 1410 9

NEB.	α	δ	COMP. STARS	α	δ
22	6 16 48	−61 25.4	−61 614		
	6 16 49	−61 25.5	−61 642		
	6 16 48	−61 25.4	6 14 23 −61 53.6	6 17 48	−61 27.8
	Δα = 624″	Δδ = 349′	6 24 47 −61 18.7		
	= 73.0 mm	= 38.5 mm			
21	6 20 17	−61 35.8			
	6 20 18	−61 35.0			
	6 20 18	−61 35.0		6 21 18	−61 37.8
20	6 21 47	−61 18.7			
	6 21 48	−61 18.7			
	6 21 48	−61 18.7		6 22 49	−61 21.7
74	6 15 39	−64 55.1	−65 563		
	6 15 40	−64 55.2	−64 549		
	6 15 40	−64 55.2	6 11 28 −65 1.5	6 16 08	−64 57.5
	Δα = 672″	Δδ = 47.2′	6 22 40 −64 14.3		
	= 69.5 mm	= 51.5			
53	6 18 43	−64 28.5			
	6 18 43	−64 28.5			
	6 18 43	−64 28.5		6 19 11	−64 31.1
64	6 19 42	−64 47.3			
	6 19 41	−64 47.3			
	6 19 42	−64 47.3		6 20 10	−64 50.1
63	6 21 13	−64 49.6			
	6 21 13	−64 49.7			
	6 21 13	−64 49.6		6 21 41	−64 59.6

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H 14107

NEB.	α			δ		COMP. STARS	α		δ	
56	6	21	44	-64	42.7	6 11 28 -65 1.5				
"	6	21	45	-64	42.7	6 22 40 -64 14.3				
	6	21	44	-64	42.7		6	22	12	-64 45.7
58	6	21	58	-64	38.5					
	6	21	57	-64	38.6					
	6	21	58	-64	38.6		3	22	26	-64 41.6
55	6	22	30	-64	29.9					
	6	22	30	-64	29.9					
	6	22	30	-64	29.9		6	22	58	-64 33.1
75	6	16	42	-65	17.9	-65 590				
	6	16	42	-65	17.9	-65 563				
	6	16	42	-65	17.9	6 24 38 -65 26.7	6	16	58	-65 20.3
	Δα = 790"			Δδ = 25.2'		6 11 28 -65 1.5				
	= 84.5mm			= 21.5mm						
72	6	19	11	-65	6.2					
	6	19	11	-65	6.2					
	6	19	11	-65	6.2		6	19	27	-65 8.9
73	6	19	34	-65	13.8					
	6	19	33	-65	13.8					
	6	19	34	-65	13.8		6	19	50	-65 16.5
71	6	21	17	-65	21.4					
not?	6	21	17	-65	21.4					
	6	21	17	-65	21.4		6	21	33	-65 24.4

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NEB.	α			δ			Comp. Stars				α		δ	
66	6	22	23	-65	3.3		6 24 38	-65	26.7					
	6	22	23	-65	3.3		6 11 28	-65	1.5					
	6	22	23	-65	3.3						6	22	39 -65	6.5
69	6	23	4	-65	16.1									
	6	23	4	-65	16.1									
	6	23	4	-65	16.1						6	23	20 -65	19.4
70	6	23	4	-65	17.9									
	6	23	4	-65	17.9									
	6	23	4	-65	17.9						6	23	20 -65	21.2
67	6	23	18	-65	10.9									
	6	23	18	-65	10.9									
	6	23	18	-65	10.9						6	23	34 -65	14.2
68	6	23	28	-65	14.4									
	6	23	28	-65	14.4									
	6	23	28	-65	14.4						6	23	44 -65	17.9
60	6	22	48	-64	58.3		-64	551						
	6	22	48	-64	58.3		-64	530						
	6	22	48	-64	58.3		6 23 29	-64	58.9		6	23	16 -65	1.6
	Δα = 308"			Δδ = 14.1'			6 18 21	-64	44.8					
	= 33.5 mm			= 12.5 mm										

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H 14109

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	NEB.	α			δ			Comp. Stars				α			δ	
	45	6	19	57	-63	51.5		-64	549							
		6	19	57	-63	51.7		-63	549							
6.5		6	19	57	-63	51.6		6	22 40	-64	14.3	6	20	37	-63	54.4
		Δα = 216"			Δ δ = 57.6			6	19 4	-63	16.7					
		= 26.5 mm			= 57.0 mm											
9.4	46	6	20	1	-63	49.0										
	2 stars	6	20	1	-63	49.1										
		~~6~~	~~20~~	~~1~~	~~-63~~	~~49.0~~										
21.2	51	6	21	51	-64	10.8										
		6	21	51	-64	10.8										
		6	21	51	-64	10.8						6	22	19	-64	13.8
4.2	44	6	21	55	-63	52.5										
	neb?	6	21	55	-63	52.5										
		6	21	55	-63	52.5						6	22	35	-63	55.5
7.9	186	6	20	35	-63	13.9		-63	549							
		6	20	34	-63	13.9		-62	632							
		6	20	34	-63	13.9		6	19 4	-63	16.7	6	21	14	-63	16.8
		Δα = 308"			Δ δ = 21.8'			6	24 12	-62	54.9					
1.6		= 27.0 mm			= 23.5 mm											
	185	6	20	47	-63	6.5										
		6	20	47	-63	6.5										
		6	20	47	-63	6.5						6	21	27	-63	9.4
	184	6	23	26	-62	57.7										
		6	23	27	-62	57.7										
		6	23	26	-62	57.7						6	24	18	-63	1.1

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NEB.

	α		δ		Comp. Stars				α		δ	
12	6	22	40	-60	55.2		-61	656				
	6	22	40	-60	55.2		-60	594				
	6	22	40	-60	55.2	6	28	18 -61	14.2	6	23	52 -60 58.5
	Δα = 563			Δδ = 36.4		6	18	55 -60	37.8			
	= 70.0 mm			= 34.5 min								
13	6	23	45	-61	2.6							
	6	23	45	-61	2.6							
	6	23	45	-61	2.6					6	24	47 -61 6.0
14	6	24	17	-60	58.4							
	6	24	17	-60	58.4							
	6	24	17	-60	58.4					6	25	29 -61 1.9
15	6	25	45	-60	57.3							
	6	25	45	-60	57.3							
	6	25	45	-60	57.3					6	26	57 -61 1.0
17	6	25	53	-61	9.4							
	6	25	53	-61	9.4							
	6	25	53	-61	9.4					6	26	55 -61 13.1
16	6	25	57	-61	6.8							
	6	25	57	-61	6.8							
	6	25	57	-61	6.8					6	26	59 -61 10.5
18	6	26	6	-61	8.4							
	6	26	5	-61	8.4							
	6	26	6	-61	8.4					6	27	8 -61 12.2

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NEB.	α			δ		COMP. STARS					α				
19	6	26	53	-61	9.5	6	28	18	-61	14.2					
	6	26	53	-61	9.5	6	18	55	-60	37.8					
8.5	6	26	53	-61	9.5						6	27	56	-61	13.4
24	6	24	23	-62	5.7	-62	632								
	6	24	23	-62	5.7	-61	660								
	6	24	23	-62	5.7	6	24	12	-62	54.9	6	25	15	-62	9.2
	Δ τ = 276"			Δ δ = 81.7'		6	28	48	-61	33.2					
0.0	= 37.5 mm			= 83.0 mm											
25	6	24	27	-62	6.6										
	6	24	27	-62	6.7										
9	6	24	27	-62	6.6						6	25	19	-62	10.1
a	6	25	3	-62	12.1										
not?	6	25	4	-62	12.1										
1.0	6	25	3	-62	12.1						6	25	55	-62	15.7
26	6	26	46	-62	30.3										
	6	26	47	-62	30.3										
3.1	6	26	46	-62	30.3						6	27	38	-62	34.1
106	6	26	46	-61	52.4										
	6	26	47	-61	52.4										
10.5	6	26	47	-61	52.4						6	27	50	-61	56.3
29	6	27	53	-62	46.6										
	6	27	53	-62	46.7										
2.2	6	27	53	-62	46.6						6	28	45	-62	50.7

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NEB.	α	δ	COMP. STARS	α	δ
27	6 28 0	−62 32.7	6 24 12 −62 54.9		
	6 28 0	−62 32.7	6 28 48 −61 33.2		
	6 28 0	−62 32.7		6 28 52	−62 36.8
23	6 28 22	−61 45.4			
	6 28 22	−61 45.5			
	6 28 22	−61 45.5		6 29 25	−61 49.6
28	6 28 40	−62 42.1			
	6 28 41	−62 42.2			
	6 28 40	−62 42.2		6 29 32	−62 46.4
40	6 24 40	−63 31.0	−64 572		
	6 24 40	−63 31.1	−62 632		
	6 24 40	−63 31.0	6 29 0 −64 6.2	6 25 20	−63 34.6
	Δα = 288″	Δδ = 71.3′	6 24 12 −62 54.9		
	= 41.0 mm	= 71.0 mm			
43	6 24 58	−63 50.1			
	6 24 58	−63 50.1			
	6 24 58	−63 50.1		6 25 38	−63 53.7
32	6 25 8	−63 16.0			
	6 25 8	−63 16.0			
	6 25 8	−63 16.0		6 25 48	−63 19.6
33	6 25 15	−63 15.5			
	6 25 15	−63 15.5			
	6 25 15	−63 15.5		6 25 55	−63 19.1

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Neb.	α			δ		Comp. Stars	α			δ	
30	6	25	36	-62	56.9	6 29 0 -64 6.2					
neb?	6	25	36	-62	56.9	6 24 12 -62 54.9					
	6	25	36	-62	56.9		6	26	28	-63	0.6
41	6	26	15	-63	42.1						
	6	26	15	-63	42.2						
	6	26	15	-63	42.2		6	26	55	-63	45.9
91	6	26	5	-63	6.9						
	6	26	4	-63	6.9						
	6	26	4	-63	6.9		6	26	44	-63	10.6
92	6	26	8	-63	3.9						
	6	26	8	-63	3.9						
	6	26	8	-63	3.9		6	26	48	-63	7.6
31	6	26	25	-63	16.5						
	6	26	25	-63	16.5						
	6	26	25	-63	16.5		6	27	5	-63	20.3
93	6	26	40	-63	2.4						
	6	26	40	-63	2.4						
	6	26	40	-63	2.4		6	27	20	-63	6.2
34	6	26	47	-63	17.0						
	6	26	47	-63	17.0						
	6	26	47	-63	17.0		6	27	27	-63	20.8
42	6	26	47	-63	47.1						
neb?	6	26	47	-63	47.2						
	6	26	47	-63	47.2		6	27	27	-63	51.0

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Neb.	α			δ		Comp. Stars				α		δ	
39	6	26	54	−63	30.5	6	29	0	−64	6.2			
neb?	6	26	54	−63	30.6	6	24	12	−62	54.9			
	6	26	54	−63	30.6						6	27	34 −63 34.5
35	6	26	57	−63	18.0								
	6	26	57	−63	18.0								
	6	26	57	−63	18.0						6	27	37 −63 21.9
36	6	27	6	−63	16.0								
	6	27	7	−63	16.0								
	6	27	6	−63	16.0						6	27	46 −63 19.9
37	6	27	8	−63	15.0								
	6	27	8	−63	15.0								
	6	27	8	−63	15.0						6	27	48 −63 18.9
90	6	27	18	−63	11.5								
	6	27	18	−63	11.5								
	6	27	18	−63	11.5						6	27	58 −63 15.5
38	6	28	22	−63	25.0								
	6	28	21	−63	25.0								
	6	28	22	−63	25.0						6	29	02 −63 29.2
113	6	25	54	−60	25.4	−60	620						
	6	25	54	−60	25.3	−59	664						
	6	25	54	−60	25.4	6	25	21	−60	29.7	6	27	06 −60 29.1
	Δα = 207″			Δδ = 39.4′		6	28	48	−59	30.3			
	= 25.0 mm			= 40.5 mm									

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NEB.	α	δ	COMP. STARS	α	δ
1.4	6 26 19	−60 17.6			
	6 26 20	−60 17.5			
1.5	6 26 20	−60 17.6		6 27 32	−60 21.4
7.3	6 29 26	−64 24.2	−64 577		
	6 29 26	−64 24.2	−64 572		
7.9	6 29 26	−64 24.2	6 30 48 −64 49.4	6 29 54	−64 28.5
	Δα = 108″	Δδ = 43.2′	6 29 0 −64 6.2		
	= 11.8 mm	= 43.8 mm			
7.9	6 31 2	−64 16.4			
	6 31 4	−64 16.2			
	6 31 3	−64 16.3		6 31 31	−64 20.8
8.9	6 29 43	−63 35.3	−64 572		
neb?	6 29 43	−63 35.3	−63 590		
	6 29 43	−63 35.3	6 29 0 −64 6.2	6 29 23	−63 39.7
5.5	Δα = 106″	Δδ = 38.6′	6 30 46 −63 27.6		
	= 11.2 mm	= 39.0 mm			
8.5	6 30 14	−63 56.1	−64 572		
	6 30 14	−63 56.1	−63 595		
9.2	6 30 14	−63 56.1	6 29 0 −64 6.2	6 30 54	−64 0.5
	Δα = 163″	Δδ = 26.1′	6 31 43 −63 40.1		
	= 17.5 mm	= 26.4 mm			
8.1	8.4 6 30 24	−63 57.1			
	6 30 24	−63 57.1			
	6 30 24	−63 57.1		6 31 04	−64 1.6

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NEB.	α			δ			COMP. STARS				α		δ	
86	6	30	48	-63	47.7		6 29 0	-64	6.2					
	6	30	47	-63	47.7		6 31 43	-63	40.1					
	6	30	48	-63	47.7						6	31	28	-63 52.2
83	6	31	24	-64	0.6									
	6	31	24	-64	0.6									
	6	31	24	-64	0.6						6	31	53	-64 5.2
82	6	31	29	-64	2.1									
	6	31	29	-64	2.0									
	6	31	29	-64	2.0						6	31	58	-64 6.6
107	6	30	10	-61	31.2		-61	660						
	6	30	10	-61	31.2		-60	656						
	6	30	10	-61	31.2		6 28	48	-61	33.2	6	31	14	-61 35.6
	Δα = 247"			Δδ = 43.0'			6 32	55	-60	50.2				
	= 30.0 mm			= 43.0 mm										
108	6	31	4	-61	21.2									
	6	31	4	-61	21.2									
	6	31	4	-61	21.2						6	32	8	-61 25.8
110	6	31	12	-61	3.2									
star	6	31	12	-61	3.2									
	6	31	12	-61	3.2						6	32	6	-61 7.8
111	6	32	22	-60	55.2									
	6	32	22	-60	55.2									
neb?	6	32	22	-60	55.2						6	33	35	-61 0.00

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NEB.	α	δ	COMP. STARS	α	δ
76	6 31 16	−64 38.9	−64 577		
	6 31 14	−64 38.9	−64 601		
52.2	6 31 15	−64 38.9	6 30 48 −64 49.4	6 31 33	−64 43.5
	Δα = 496″	Δδ = 27.9′	6 39 4 −64 21.5		
	= 74.0 mm	= 27.9 mm			
77	6 32 2	−64 37.4			
5.2	6 32 0	−64 37.4			
	6 32 1	−64 37.4		6 32 30	−64 42.2
78	6 32 11	−64 41.9			
.6	6 32 10	−64 41.9			
	6 32 10	−64 41.9		6 32 39	−64 46.7
80	6 34 1	−64 25.4			
5.6	6 34 0	−64 25.2			
	6 34 0	−64 25.3		6 34 30	−64 30.3
95	6 31 3	−62 19.3	−62 625		
	6 31 3	−62 19.3	−61 684		
5.8	6 31 3	−62 19.3	6 29 37 −62 22.3	6 31 55	−62 23.9
	Δα = 342″	Δδ = 51.8′	6 35 16 −61 20.5		
	= 40.5 mm	= 52.0 mm			
105	6 31 32	−61 54.9			
.8	6 31 32	−61 54.9			
	6 31 32	−61 54.9		6 32 36	−61 59.5
98	6 31 57	−62 12.8			
.00	6 31 57	−62 12.8			
	6 31 57	−62 12.8		6 32 50	−62 17.5

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Neb.	α	δ	Comp. Stars	α	δ
96	6 32 14	-62 20.3	6 29 34 -62 22.3		
	6 32 15	-62 20.3	6 35 16 -61 30.5		
	6 32 14	-62 20.3		6 33 07	-62 25.1
99	6 32 14	-62 6.4			
	6 32 15	-62 6.4			
	6 32 14	-62 6.4		6 33 07	-62 11.2
104	6 33 5	-61 52.9			
	6 33 5	-61 52.9			
	6 33 5	-61 52.9		6 34 9	-61 57.8
103	6 33 39	-61 50.9			
neb.?	6 33 39	-61 50.9			
	6 33 39	-61 50.9		6 34 43	-61 55.9
102	6 34 13	-61 51.9			
	6 34 13	-61 51.9			
	6 34 13	-61 51.9		6 35 17	-61 57.0
89	6 32 18	-63 2.8	-63 590		
	6 32 18	-63 2.8	-62 699		
	6 32 18	-63 2.8	6 30 46 -63 27.6	6 32 59	-63 7.6
	Δα = 667″ = 77.0 mm	Δδ = 51.4′ = 50.0 mm	6 41 53 -62 36.2		
94	6 32 30	-62 53.8			
	6 32 29	-62 53.6			
	6 32 30	-62 53.7		6 33 13	-62 58.5

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NEB.	α		δ		COMP. STARS	α		δ	
88	6	35	6	-63 13.2	6 30 46 -63 27.6				
	6	35	6	-63 13.2	6 41 53 -62 36.2				
5.1	6	35	6	-63 13.2		6	35	48 -63	18.4
148	6	37	21	-63 13.2					
	6	37	21	-63 13.2					
1.2	6	37	21	-63 13.2		6	38	04 -63	18.9
112	6	33	21	-60 27.6	-60 656				
star	6	33	22	-60 27.5	-60 694				
7.8	6	33	22	-60 27.6	6 32 55 -60 50.2	6	34	35 -60	32.5
	Δα = 514"		Δδ = 34.9'		6 41 29 -60 15.3				
	= 64.2 mm		= 34.3 mm						
5.9	6	37	19	-60 36.2					
	6	37	19	-60 36.1					
	6	37	19	-60 36.2		6	38	34 -60	41.8
57.0	6	37	59	-60 28.0					
	6	37	59	-60 28.0					
	6	37	59	-60 28.0		6	37	14 -60	33.7
7.6	6	33	52	-61 24.0	-61 684				
	6	33	52	-61 24.0	-60 656				
	6	33	52	-61 24.0	6 35 16 -61 30.5	6	34	56 -61	29.0
	Δα = 201"		Δδ = 40.3'		6 32 55 -60 50.2				
	= 16.8 mm		= 40.5 mm						
58.5									

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NEB.	α	δ	COMP. STARS	α	δ
81	6 34 46	-64 6.3	-64 601		
	6 34 47	-64 6.2	-63 595		
	6 34 46	-64 6.2	6 39 4 -64 21.5	6 35 16	-64 11.4
	Δα = 441"	Δδ = 41.4'	6 31 43 -63 40.1		
	= 48.0 mm	= 42.8 mm			
97	6 35 55	-62 21.7	-62 669		
	6 35 56	-62 21.7	-61 702		
	6 35 56	-62 21.7	6 33 34 -62 24.3	6 36 50	-62 27.0
	Δα = 442"	Δδ = 23.3'	6 40 56 -62 1.0		
	= 53.0 mm	= 22.5 mm			
100	6 37 2	-62 4.6			
neb	6 37 3	-62 4.6			
	6 37 2	-62 4.6		6 37 57	-62 10.1
124	6 36 44	-61 38.4	-61 702		
	6 36 46	-61 38.4	-61 684		
	6 36 45	-61 38.4	6 40 56 -62 1.0	6 37 49	-61 43.8
	Δα = 340"	Δδ = 30.5'	6 35 16 -61 30.5		
	= 39.2 mm	= 31.5 mm			
101	6 36 44	-61 49.1			
	6 36 46	-61 49.1			
	6 36 45	-61 49.1		6 37 49	-61 54.5
128	6 37 58	-61 35.5			
	6 37 58	-61 35.5			
	6 37 58	-61 35.5		6 39 2	-61 41.2

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NEB.	α	δ	COMP. STARS	α	δ
127	6 38 33	−61 40.4	6 40 56 −62 1.0		
neb?	6 38 33	−61 40.4	6 35 16 −61 30.5		
	6 38 33	−61 40.4		6 39 37	−61 46.2
116	6 40 1	−60 4.5	−60 694		
	6 40 1	−60 4.5	−60 677		
	6 40 1	−60 4.5	6 41 29 −60 15.3	6 41 17	−60 10.5
	Δα = 224″ = 27.5 mm	Δδ = 13.1′ = 14.0 mm	6 37 45 −60 2.2		
117	6 40 24	−60 10.2			
	6 40 24	−60 10.2			
	6 40 24	−60 10.2		6 41 40	−60 16.3
126	6 40 4	−61 27.6	−61 714		
	6 40 4	−61 27.6	−60 679		
	6 40 4	−61 27.6	6 45 18 −61 45.1	6 41 8	−61 33.6
	Δα = 445″ = 51.8 mm	Δδ = 49.7′ = 52.5 mm	6 37 53 −60 55.4		
121	6 40 26	−61 12.5			
	6 40 26	−61 12.5			
	6 40 26	−61 12.5		6 41 30	−61 18.6
61	6 41 13	−60 59.1			
	6 41 13	−60 59.2			
	6 41 13	−60 59.2		6 42 29	−61 5.3
122	6 41 48	−61 15.3			
star	6 41 48	−61 15.2			
	6 41 48	−61 15.2		6 42 52	−61 21.4

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NEB.	α			δ			Comp. Stars	α	δ
123	6	42	9	-61	28.5		6 45 18 -61 45.1		
neb?	6	42	9	-61	28.6		6 37 53 -60 55.4		
	6	42	9	-61	28.6			6 43 14	-61 34.8
124	6	42	22	-61	26.3				
	6	42	21	-61	26.2				
	6	42	22	-61	26.2			6 43 27	-61 32.5
125	6	42	26	-61	25.7				
	6	42	26	-61	25.7				
	6	42	26	-61	25.7			6 43 31	-61 32.0
131	6	42	14	-64	29.5		-64 618		
	6	42	16	-64	29.5		-64 601		
	6	42	15	-64	29.5		6 45 0 -64 56.1	6 42 47	-64 35.8
	Δα = 356"			Δδ = 346'			6 39 4 -64 21.5		
	= 36.8 mm			= 36.5 mm					
138	6	43	38	-64	50.9				
neb?	6	43	38	-64	50.9				
	6	43	38	-64	50.9			6 44 10	-64 57.4
157	6	44	21	-64	40.9				
	6	44	22	-64	40.9				
	6	44	22	-64	40.9			6 44 54	-64 47.4

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NEB.	α	δ	COMP. STARS	α	δ
150	6 42 29	-64 9.3	-64 601		
	6 42 29	-64 9.2	-63 636		
	6 42 29	-64 9.2	6 39 4 -64 21.5	6 43 01	-64 15.5
	Δα = 403"	Δδ = 27.7'	6 45 47 -63 53.8		
	= 45.2 mm	= 26.0 mm			
149	6 43 14	-64 8.2			
	6 43 14	-64 8.2			
	6 43 14	-64 8.2		6 43 46	-64 14.6
130	6 42 59	-61 50.8	-61 702		
	6 42 59	-61 50.8	-61 714		
	6 42 59	-61 50.8	6 40 56 -62 1.0	6 44 06	-61 57.1
	Δα = 262"	Δδ = 15.9'	6 45 18 -61 45.1		
	= 32.0 mm	= 14.4 mm			
152	6 45 34	-64 22.5	-64 618		
	6 45 33	-64 22.5	-63 644		
	6 45 34	-64 22.5	6 45 0 -64 56.1	6 46 6	-64 29.1
	Δα = 453"	Δδ = 60.8'	6 52 33 -63 55.3		
	= 55.0 mm	= 58.0 mm			
159	6 46 17	-64 41.9			
	6 46 17	-64 41.9			
	6 46 17	-64 41.9		6 46 49	-64 58.7
159a	6 46 19	-64 50.9			
	6 46 19	-64 50.9			
	6 46 19	-64 50.9		6 46 51	-64 57.7

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NEB.	α			δ		COMP. STARS	α			δ		α		δ	
147	6	46	51	-63	52.6	6 45 0 -64 56.1									
	6	46	51	-63	52.7	6 52 33 -63 55.3									
	6	46	51	-63	52.6							6	47	35	-63 59.4
153	6	47	25	-64	24.6										
	6	47	25	-64	24.7										
	6	47	25	-64	24.6							6	47	57	-64 31.5
156	6	49	8	-64	11.1										
	6	49	8	-64	11.0										
	6	49	8	-64	11.0							6	49	40	-64 18.1
162	6	50	34	-64	0.5										
	6	50	33	-64	0.5										
	6	50	34	-64	0.5							6	51	06	-64 7.8
161 a	6	50	42	-64	34.1										
	6	50	42	-64	34.1										
	6	50	42	-64	34.1							6	51	14	-64 41.4
161	6	51	16	-64	37.8										
star	6	51	16	-64	37.8										
	6	51	16	-64	37.8							6	51	48	-64 45.2
160	6	52	0	-64	50.3										
	6	51	59	-64	50.3										
	6	52	0	-64	50.3							6	52	33	-64 57.8

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NEB.	α	δ	COMP. STARS	α	δ
140	6 44 7	-62 18.8	-63 638		
	6 44 7	-62 18.8	-62 695		
	6 44 7	-62 18.8	6 46 48 -63 21.9	6 44 51	-63 25.3
	Δα = 402"	Δδ = 20.9'	6 40 6 -63 1.0		
	= 45.0mm	= 23.5mm			
135	6 44 30	-62 21.1	-62 699		
	6 44 29	-62 21.1	-62 710		
	6 44 30	-62 21.1	6 41 53 -62 36.2	6 45 26	-62 27.0
	Δα = 247"	Δδ = 24.4'	6 46 0 -62 11.8		
	= 30.0mm	= 23.4mm			
134	6 44 30	-62 19.5			
	6 44 29	-62 19.5			
	6 44 30	-62 19.5		6 45 26	-62 26.0
131	6 44 42	-62 14.3			
	6 44 42	-62 14.3			
	6 44 42	-62 14.3		6 45 38	-62 20.9
136	6 44 46	-62 20.6			
	6 44 45	-62 20.6			
	6 44 46	-62 20.6		6 45 42	-62 27.2
132	6 44 50	-62 16.4			
	6 44 50	-62 16.4			
	6 44 50	-62 16.4		6 45 46	-62 23.0
133	6 44 54	-62 19.5			
	6 44 54	-62 19.5			
	6 44 54	-62 19.5		6 45 50	-62 26.1

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NEB.

	α	δ	Comp. Stars	α	δ
175	6 47 7	-61 41.5	-61 728		
	6 47 7	-61 41.5	-60 698		
	6 47 7	-61 41.5	6 50 40 -61 48.6	6 48 14	-61 48.4
	Δα = 392"	Δδ = 49.4'	6 44 8 -60 59.2		
	= 44.2 mm	= 52.5 mm			
177	6 47 47	-61 10.6			
	6 47 47	-61 10.5			
	6 47 47	-61 10.6		6 48 54	-61 17.5
178	6 47 20	-60 56.6	-60 698		
	6 47 21	-60 56.6	-60 714		
	6 47 20	-60 56.6	6 44 8 -60 59.2	6 48 36	-61 3.5
	Δα = 365"	Δδ = 38.2'	6 50 13 -60 21.0		
	= 39.8 mm	= 36.5 mm			
179	6 49 24	-60 41.4			
	6 49 25	-60 41.4			
	6 49 24	-60 41.4		6 50 40	-60 48.5
137	6 46 55	-62 33.6	-62 719		
	6 46 55	-62 33.6	-62 710		
	6 46 55	-62 33.6	6 49 33 -62 48.8	6 47 51	-62 40.4
	Δα = 213"	Δδ = 37.0'	6 46 0 -62 11.8		
	= 24.2 mm	= 39.1 mm			
138	6 47 11	-62 29.8			
neb?	6 47 12	-62 29.8			
	6 47 12	-62 29.8		6 48 08	-62 36.7

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F 14109

NEB.	α	δ	COMP. STARS	α	δ
139	6 48 58	−62 42.2			
neb?	6 48 58	−62 42.2			
	6 48 58	−62 42.2		b 49 54	−62 49.3
142	6 46 23	−63 40.0	−63 636		
	6 46 23	−63 40.0	−62 719		
	6 46 23	−63 40.0	6 45 47 −63 53.8	b 47 07	−63 46.8
	Δα = 226″	Δδ = 65.0′	6 49 33 −62 48.8		
	= 31.5 mm	= 63.7 mm			
165	6 48 25	−63 3.2			
	6 48 25	−63 3.2			
	6 48 25	−63 3.2		b 49 09	−63 10.2
174	6 48 45	−61 55.7	−62 710		
neb?	6 48 45	−61 55.8	−61 728		
	6 48 45	−61 55.8	6 46 0 −62 11.8	b 49 53	−62 2.8
	Δα = 280″	Δδ = 23.2′	6 50 40 −61 48.6		
	= 34.0 mm	= 21.3 mm			
142	6 46 33	−62 39.3	−63 636		
	6 46 33	−62 39.3	−63 647		
	6 46 33	−62 39.3	6 45 47 −63 53.8	b 57 17	−63 46.1
	Δα = 477″	Δδ = 51.5′	6 53 44 −63 2.3		
	= 57.5 mm	= 48.0 mm			
146	6 50 21	−63 45.7			
	6 50 21	−63 45.8			
	6 50 21	−63 45.8		b 51 5	−63 53.0

the same

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A 14109

Neb.	α	δ	Comp. stars	α	δ
143	6 50 46	−63 24.8	6 45 47 −63 53.8		
~~neb?~~	6 50 46	−63 24.8	6 53 44 −63 2.3		
star	6 50 46	−63 24.8		6 51 30	−63 32.1
164	6 53 7	−63 5.5			
	6 53 7	−63 5.5			
	6 53 7	−63 5.5		6 53 52	−63 13.2
144	6 53 2	−63 31.8			
	6 53 2	−63 31.8			
	6 53 2	−63 31.8		6 53 47	−63 39.5
145	6 53 44	−63 40.4			
	6 53 44	−63 40.4			
	6 53 44	−63 40.4		6 54 30	−63 48.2
172	6 51 25	−61 56.8	−62 728		
	6 51 25	−61 56.8	−61 728		
	6 51 25	−61 56.8	6 52 16 −62 28.2	6 52 33	−62 4.2
	Δα = 96″	Δδ = 39.6′	6 50 40 −61 48.6		
	= 8.5 mm	= 41.0 mm			
168	6 51 37	−62 42.9			
	6 51 37	−62 42.9			
	6 51 37	−62 42.9		6 52 33	−62 30.3
170	6 51 48	−62 15.7			
	6 51 48	−62 15.6			
	6 51 48	−62 15.6		6 52 44	−62 23.0

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H 14109

NEB	α	δ	COMP. STARS	α	δ
173	6 52 5	-61 53.9	6 52 16 -62 28.2		
	6 52 5	-61 53.9	6 50 40 -61 48.6	6 53 13	-62 1.4
2.1	6 52 5	-61 53.9		Neb. 115	
				-60 677	
176	6 51 26	-61 23.2	-61 728	-59 664	
neb?	6 51 26	-61 23.1	-61 733	6 37 45	-60 2.2
3.2	6 51 26	-61 23.2	6 50 40 -61 48.6	6 28 48	-59 50.3
	Δα = 106"	Δδ = 42.3'	6 52 26 -61 6.3	Δα = 537"	Δδ = 11.9'
	= 16.0 mm	= 41.5 mm		= 67.5 mm	= 12.3 mm
			(15)	6 52 34	-61 30.6
9.5	164 6 52 45	-63 2.4	-63 665	6 34 3	-59 50.8
	6 52 45	-63 2.4	-62 728	6 34 2	-59 50.8
	6 52 45	-63 2.4	7 0 3 -63 21.1	6 34 2	-59 50.8
	Δα = 467"	Δδ = 52.9'	6 52 16 -62 28.2	(1900 pos. for neb 115)	
8.2	= 48.5 mm	= 58.0 mm		6 35 26	-59 55.9
				6 53 30	-63 10.0
	166 6 55 53	-63 6.1		Neb. 11	
	6 55 53	-63 6.1		-60 579	
4.2	6 55 53	-63 6.1	6 56 39 -63 14.2	-60 594	
				6 13 52	-60 46.3
	163 6 58 56	-63 9.7		6 18 55	-60 37.8
	6 58 56	-63 9.7		Δα = 309"	Δδ = 8.5'
	6 58 56	-63 9.7		= 36.5 mm	= 10.5 mm
			(11)	6 59 43	-63 18.3
0.3	54 6 23 12	-64 31.6	-64 577	6 16 38	-60 39.0
	6 23 11	-64 31.6	-64 549	6 16 38	-60 39.0
	6 23 12	-64 31.6	6 30 48 -64 49.4	6 16 38	-60 39.0
	Δα = 488"	Δδ = 35.1'	6 22 40 -64 14.3	(1900 pos. for neb. 11)	
30	= 53.2 mm	= 34.5 mm		6 17 50	-60 41.4
	57 6 24 59	-64 44.3		6 23 40	-64 34.9
	6 24 58	-64 44.3			
	6 24 58	-64 44.3		6 25 26	-64 47.9

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A 7016

A 7016
NEB.

	α	δ	COMP. STARS	α	δ
1	0 19 45	-71 17.2	-71 16		
	0 19 45	-71 17.2	-71 10		
	0 19 45	-71 17.2	0 22 25 -71 47.6	0 24 21	-70 44.0
	Δα = 169"	Δδ = 47.7'	0 19 36 -70 59.9		
	= 21.2 mm	= 45.5 mm			
2	0 30 12	-70 30.8	-70 20		
	0 30 11	-70 30.8	-70 20		
	0 30 12	-70 30.8	0 23 30 -70 46.5	0 34 31	-69 57.6
	Δα = 547"	Δδ = 19.2'	0 32 37 -70 27.3		
	= 43.0	= 24.5			
3	0 37 9	-70 47.9	-70 33		
	0 37 9	-70 47.9	-70 30		
	0 37 9	-70 47.9	0 39 13 -70 50.7	0 41 17	-70 15.0
	Δα = 396"	Δδ = 23.4'	0 32 37 -70 27.3		
	= 35.2 mm	= 20.5 mm			
4	0 36 59	-71 37.2	-71 26		
	0 36 59	-71 37.3	-70 30		
two stars	~~0 36 59~~	~~-71 37.2~~	0 37 11 -71 42.9		
	Δα = 274"	Δδ = 75.6'	0 32 37 -70 27.3		
	= 46.0 mm	= 72.5 mm			
5	0 45 43	-70 42.7	-70 33		
	0 45 43	-70 42.7	-70 41		
	0 45 43	-70 42.7	0 39 13 -70 50.7	0 49 36	-70 9.9
	Δα = 806"	Δδ = 21.5'	0 52 39 -70 29.2		
	= 65.8 mm	= 25.5 mm			

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A 7016

NEB.	α			δ			COMP. STARS	α		δ	
8	0	49	3	-70	30.1						
	0	49	1	-70	29.8						
	0	49	2	-70	30.0			0	52	50	-69 57.2
							-70 33				
6	0	46	58	-70	14.3		-70 46				
	0	46	59	-70	14.4		0 39 13 -70 50.7				
	0	46	58	-70	14.4		1 2 29 -70 7.1	0	50	10	-69 41.6
	Δα = 1396"			Δδ = 43.6'							
	= 115.5 mm			= 47.5 mm							
9	0	49	28	-70	8.3						
	0	49	29	-70	8.4						
	0	49	28	-70	8.4			0	53	17	-69 35.6
7	0	48	50	-70	58.7		-71 34				
	0	48	48	-70	58.7		-70 33				
	0	48	49	-70	58.7		0 54 26 -71 24.3	0	54	34	-70 25.9
	Δα = 913"			Δδ = 33.6'			0 39 13 -70 50.7				
	= 75.8 mm			= 30.2 mm							
10	0	52	2	-71	9.8						
	0	51	59	-71	9.8						
	0	52	0	-71	9.8			0	55	40	-70 37.1
11	0	52	14	-70	50.9						
	0	52	13	-70	50.9						
	0	52	14	-70	50.9			0	55	54	-70 18.2

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H 7016

NEB.	α			δ			COMP. STARS						l		b	
12	0	53	46	-71	39.9		-71	26								
	0	53	46	-71	39.9		-71	34								
star	~~0~~	~~53~~	~~46~~	~~-71~~	~~39.9~~		0	37	11	-71	42.9					
	Δα = 1085"			Δδ = 18.6'			0	54	26	-71	24.3					
	= 67.0 mm			= 22.8 mm												
14	0	54	26	-71	30.2											
neb?	0	54	26	-71	30.2											
stars	~~0~~	~~54~~	~~26~~	~~-71~~	~~30.2~~											
13	0	53	56	-70	18.7		-70	41								
	0	53	56	-70	18.7		-70	46								
two stars	~~0~~	~~53~~	~~56~~	~~-70~~	~~18.7~~		0	52	39	-70	29.2					
	Δα = 590"			Δδ = 22.1'			1	2	29	-70	7.1					
	= 50.0 mm			= 22.8 mm												
15	1	4	48	-71	28.6		-72	88								
	1	4	48	-71	28.6		-71	34								
	1	4	48	-71	28.6		1	10	2	-72	25.8		1	8	05	-70 56.2
	Δα = 936"			Δδ = 61.5'			0	54	26	-71	24.3					
	= 73.0 mm			= 46.8 mm												
16	1	9	54	-71	28.6		-71	58								
	1	9	55	-71	28.7		-71	40								
	1	9	54	-71	28.6		1	14	0	-71	38.6		1	13	03	-70 56.6
	Δα = 641"			Δδ = 26.7'			1	5	19	-71	11.9					
	= 50.0 mm			= 29.3 mm												

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A 7016
NEB.

	α	δ	COMP. STARS	α	δ
17	1 11 50	-71 52.1	-72 88		
	1 11 50	-71 52.1	-71 58		
cluster of stars	~~1 11 50~~	~~-71 52.1~~	1 10 2 -72 9.8		
	Δα = 358"	Δδ = 31.2'	1 16 0 -71 38.6		
	= 29.8mm	= 29.8			
19	1 15 14	-71 41.8			
	1 15 14	-71 41.7			
three stars	~~1 15 14~~	~~-71 41.8~~			
18	1 15 35	-72 31.2	-73 78		
	1 15 34	-72 31.2	-72 88		
	1 15 34	-72 31.2	1 22 45 -72 59.0	1 18 25	-71 59.4
	Δα = 763"	Δδ = 49.2'	1 10 2 -72 9.8		
	= 54.0mm	= 53.2mm			
20	1 18 47	-70 32.0	-70 68		
	1 18 47	-70 31.9	-70 61		
6.2	1 18 47	-70 32.0	1 21 54 -70 43.5	1 21 45	-70 0.3
	Δα = 311"	Δδ = 38.6'	1 16 43 -70 4.9		
	= 25.8mm	= 40.2mm			
21	1 21 12	-70 35.8			
	1 21 12	-70 35.8			
6.6 star	~~1 21 12~~	~~-70 35.8~~			
24	1 27 0	-74 21.9	-74 124		
	1 26 59	-74 21.9	-74 94		
	1 27 0	-74 21.9	1 43 0 -74 29.2	1 29 10	-73 50.9
	Δα = 1437"	Δδ = 18.0'	1 19 3 -74 11.2		
	= 94.2mm	= 31.0mm			

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H 7016
NEB.

	α	δ	Comp. Stars	α	δ
25	1 26 31	-72 45.3	-73 78		
	1 26 32	-72 45.3	-72 104		
	1 26 32	-72 45.3	1 22 45 -72 59.0	1 29 00	-72 14.2
	Δα = 402"	Δ δ = 62.6'	1 29 27 -71 56.4		
	= 37.2 mm	= 59.2 mm			
28	1 28 31	-72 29.4			
	1 28 31	-72 29.4			
	1 28 31	-72 29.4		1 30 57	-71 58.5
29	1 28 36	-72 20.4			
	1 28 36	-72 20.4			
	1 28 36	-72 20.4		1 31 02	-71 49.5
23	1 22 55	-70 27.0	-70 68		
	1 22 55	-70 27.0	-69 68		
star	~~1 22 55~~	~~-70 27.0~~	1 21 54 -70 43.5		
	Δα = 552"	Δ δ = 55.5'	1 31 6 -69 48.0		
	= 50.0 mm	= 49.8 mm			
26	1 25 15	-70 35.9			
	1 25 15	-70 36.0			
	1 25 15	-70 36.0		1 28 05	-70 4.8
27	1 25 40	-70 17.5			
	1 25 40	-70 17.5			
	1 25 40	-70 17.5		1 28 32	-69 46.3
31	1 29 15	-70 9.7			
	1 29 15	-70 9.7			
	1 29 15	-70 9.7		1 32 03	-69 38.9

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H 7016

NEB.		α		δ		COMP. STARS	α	δ
31	1	33	54	-74	7.2	-74 124		
	1	33	53	-74	7.2	-73 85		
star	~~1~~	~~33~~	~~54~~	~~-74~~	~~7.2~~	1 43 0 -74 29.2		
	Δα = 895"			Δδ = 47.8'		1 28 5 -73 41.4		
	= 54.0 mm			= 57.5 mm				
33	1	35	50	-74	2.2			
	1	35	50	-74	2.2			
	1	35	50	-74	2.2		1 37 49	-73 31.6
32	1	36	22	-73	44.7			
	1	36	21	-73	44.7			
	1	36	22	-73	44.7		1 38 24	-73 14.1
35	1	37	12	-74	8.8			
	1	37	11	-74	8.8			
	1	37	12	-74	8.8		1 39 06	-73 38.3
30	1	32	50	-72	59.0	-73 92		
	1	32	50	-72	59.1	-73 78		
	1	32	50	-72	59.0	1 33 33 -73 14.9	1 35 03	-72 28.3
	Δα = 648"			Δδ = 15.9'		1 22 45 -72 59.0		
	= 45.2 mm			= 22.0 mm				
34	1	34	0	-72	43.1	-72 107		
	1	34	0	-72	43.1	-72 108		
	1	34	0	-72	43.1	1 33 19 -72 52.8	1 36 12	-72 12.5
	Δα = 253"			Δδ = 39.3'		1 37 32 -72 13.5		
	= 28.0 mm			= 32.5 mm				

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H 7016
NEB.

	α	δ	COMP. STARS	α	δ
36	1 30 53	-71 5.1	-71 73		
	1 30 53	-71 5.0	-70 77		
	1 30 53	-71 5.0	1 36 51 -71 15.8	1 33 31	-70 34.2
	Δα = 483"	Δ δ = 45.4'	1 28 48 -70 30.4		
	= 33.0 mm	= 50.8 mm			
38	1 33 26	-70 5.8	-70 87		
	1 33 27	-70 5.9	-69 68		
	1 33 26	-70 5.8	1 37 54 -70 29.5	1 36 07	-69 35.1
	Δα = 408"	Δ δ = 41.5'	1 31 6 -69 48.0		
	= 29.0 mm	= 46.5 mm			
39	1 37 10	-71 39.6	-72 108		
	1 37 10	-71 39.7	-71 73		
	1 37 10	-71 39.6	1 37 32 -72 13.5	1 39 32	-71 9.0
	Δα = 41"	Δ δ = 57.7'	1 36 51 -71 15.8		
	= 3.5 mm	= 58.0 mm			
40	1 41 24	-72 39.3	-73 105		
	1 41 24	-72 39.3	-72 108		
	1 41 24	-72 39.3	1 46 3 -73 6.9	1 43 26	-72 9.0
	Δα = 511"	Δ δ = 59.4'	1 37 32 -72 13.5		
	= 29.3	= 60.0 mm			
43	1 46 3	-72 40.2			
	1 46 3	-72 40.2			
	1 46 3	-72 40.2		1 47 56	-72 10.3

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A 7016

NEB.	α			δ			COMP. STARS				α		δ	
41	1	40	4	-71	46.3		-72	11.7						
	1	40	3	-71	46.3		-71	73						
	1	40	3	-71	46.3		1 43 51	-72	8.6		1	42	20	-71	15.9
	Δα = 420"			Δδ = 52.8'			1 36 51	-71	15.8						
	= 24.0 mm			= 58.0 mm											
42	1	43	51	-71	23.6										
	1	43	51	-71	23.5										
	1	43	51	-71	23.6						1	46	05	-70	53.5
44	1	45	53	-71	30.4										
	1	45	53	-71	30.4										
	1	45	53	-71	30.4						1	48	02	-71	0.4
45	1	47	56	-72	35.8										
	1	47	56	-72	35.8										
	1	47	56	-72	35.8						1	50	00	-71	6.0
22	1	21	11	-70	0.1		-70	61							
	1	21	11	-70	0.1		-70	67							
	1	21	11	-70	0.1		1 16 43	-70	4.9		1	24	10	-69	28.6
	Δα = 297"			Δδ = 4.8'			1 21 40	-70	0.1						
	= 26.0 mm			= 2.8 mm											

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56

H 2150

H 2150

NEB.	α	δ	COMP. STARS	α	δ
8	0 3 6	-72 46.4	-73 1		
neb?	0 3 6	-72 46.4	-72 2		
	0 3 6	-72 46.4	0 4 14 -73 0.9	0 3 08	-72 12.9
	Δα = 95″	Δδ = 38.9′	0 2 39 -72 22.0		
	= 14.0 mm	= 37.5 mm			
14	0 10 47	-69 59.5	-70 8		
neb?	0 10 47	-69 59.3	-69 2		
	0 10 47	-69 59.4	0 12 23 -70 31.1	0 15 38	-69 26.2
	Δα = 174″	Δδ = 62.6′	0 9 29 -69 28.5		
	= 20.0 mm	= 61.0 mm			
12	0 8 52	-72 2.8	-72 25		
	0 8 52	-72 29	-71 2		
	0 8 52	-72 2.8	0 13 22 -72 24.7	0 13 42	-71 29.6
	Δα = 478″	Δδ = 61.2′	0 5 24 -71 23.5		
	= 46.0 mm	= 56.0 mm			
b	0 9 14	-72 51.4	-73 1		
	0 9 14	-72 51.4	-72 18		
	0 9 14	-72 51.4	0 4 14 -73 0.9	0 14 04	-72 18.2
	Δα = 375″	Δδ = 16.6′	0 10 29 -72 44.3		
	= 25.0 mm	= 21.0 mm			
13	0 14 4	-71 38.8	-72 21		
	0 14 4	-71 38.9	-71 8		
	0 14 4	-71 38.8	0 14 4 -71 56.2	0 18 47	-71 5.6
	Δα = 198″	Δδ = 51.1′	0 17 22 -71 5.1		
	= 9.5 mm	= 53.0 mm			

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H 2150

NEB.	α	δ	COMP. STARS	α	δ
22	1 3 57	-69 40.1	-70 46		
	1 3 57	-69 40.1	-69 38		
.9	1 3 57	-69 40.1	1 2 29 -70 7.1	1 7 27	-69 7.9
	Δα = 203"	Δδ = 26.0'	1 5 52 -69 41.1		
	= 18.5 mm	= 26.0 mm			

H 4897

~~H~~ A 4897

NEB

	α	δ	COMP. STARS	α	δ
.2 19	1 46 3	-70 18.1	-70 93		
	1 46 3	-70 18.1	-70 96		
	1 46 3	-70 18.1	1 46 8 -70 22.8	1 48 23	-69 49.3
	Δα = 8"	Δδ = 27.5'	1 46 0 -69 55.3		
	= 5.2 mm	= 27.5 mm			
.6					
24	1 48 31	-71 33.3	-72 130		
neb?	1 48 31	-71 33.3	-71 73		
	1 48 31	-71 33.3	1 54 14 -72 6.2	1 50 35	-71 3.5
	Δα = 1043"	Δδ = 50.4'	1 36 51 -71 15.8		
	= 81.5 mm	= 53.0 mm			
.2					
12	1 53 49	-71 57.2			
	1 53 51	-71 57.2			
	1 53 50	-71 57.2		1 55 41	-71 27.8
28	1 50 22	-71 1.8	-71 88		
.6	1 50 22	-71 1.7	-70 93		
	1 50 22	-71 1.8	1 50 26 -71 36.8	1 52 30	-70 32.2
	Δα = 558"	Δδ = 74.0'	1 46 8 -70 22.8		
	= 46.8 mm	= 77.0 mm			

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58

HA897

NEB.	α	δ	COMP. STARS	α	δ
21	1 51 57	-70 36.8	1 55 26 -71 36.8		
	1 51 58	-70 36.6	1 46 8 -70 22.8		
	1 51 58	-70 36.6		1 54 06	-70 7.1
∞	1 54 3	-70 38.7			
	1 54 3	-70 38.7			
	1 54 3	-70 38.7		1 56 9	-70 9.5
14	1 51 6	-69 58.1	-70 101		
	1 51 6	-69 58.1	-69 83		
	1 51 6	-69 58.1	1 54 15 -70 28.6	1 53 29	-69 28.6
	Δα = 213″	Δδ = 44.0′	1 50 42 -69 44.6		
	= 15.8 mm	= 45.5 mm			
15	1 52 34	-69 56.2			
neb?	1 52 34	-69 56.2			
	1 52 34	-69 56.2		1 54 55	-69 26.8
13	1 55 31	-70 5.4	-70 101		
neb??	1 55 32	-70 5.4	-70 107		
	1 55 32	-70 5.4	1 54 15 -70 28.6	1 57 11	-69 36.2
	Δα = 133″	Δδ = 26.3′	1 56 28 -70 2.3		
	= 13.0 min	= 25.3 mm			
11	1 59 20	-71 15.5	-71 88		
	1 59 20	-71 15.4	-71 100		
	1 59 20	-71 15.4	1 55 26 -71 36.8	2 1 10	-70 46.6
	Δα = 377″	Δδ = 40.7′	2 1 43 -70 56.1		
	= 29.0 mm	= 41.0 mm			

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H 4897
NED

		α			δ			COMP. STARS		α			δ	
	3	2	3	54	-71	33.4		-72 130						
		2	3	55	-71	33.5		-71 110						
2.1		2	3	54	-71	33.4		1 54 14 -72 6.2		2	5	36	-71	4.9
		Δα = 966"			Δδ = 41.2'			2 10 20 -71 25.0						
		= 79.0 mm			= 33.8 mm									
5	4	2	4	14	-71	34.1								
		2	4	13	-71	34.1								
		2	4	14	-71	34.1				2	5	57	-71	5.6
3.6	9	2	3	0	-69	49.7		-70 123						
	nrb?	2	3	0	-69	49.6		-69 91						
		2	3	0	-69	49.6		2 3 49 -70 11.8		2	5	4	-69	21.0
		Δα = 306"			Δδ = 24.0'			1 58 43 -69 47.8						
		= 24.9 mm			= 26.5 mm									
6.8	a	2	8	38	-69	54.6								
		2	8	38	-69	54.6								
		2	8	38	-69	54.6				2	10	38	-69	26.5
6.2	~~+~~	2	19	48	-73	50.1		-74 168						
	~~nrb?~~	2	19	49	-73	50.1		-73 170						
	two stars: cf.	~~2~~	~~19~~	~~48~~	~~-73~~	~~50.1~~		2 6 48 -74 0.4						
	H 14395	Δα = 1041"			Δδ = 19.7'			2 24 9 -73 40.7						
		= 62.0 mm			= 12.5 mm									
4.66	18	1	50	53	-70	14.2		-70 93						
		1	50	53	-70	14.2		-70 107						
		1	50	53	-70	14.2		1 46 8 -70 27.8		1	53	06	-69	44.6
		Δα = 620"			Δδ = 20.5'			1 50 28 -70 2.3						
		= 58.8 mm			= 17.5 mm									

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A4726

A4726
Neb.

	α	δ	Comp. Stars	α	δ
1	18 6 31	-79 39.4	-79 952		
	18 6 30	-79 39.4	-79 949		
	18 6 30	-79 39.4	18 8 38 -79 58.2	18 23 52	-79 38.2
	Δα = 404"	Δδ = 39.1'	18 1 54 -79 19.1		
	= 36.5 mm	= 39.5 mm			
2	18 39 2	-79 1.2	-79 986		
	18 39 2	-79 1.2	-78 1185		
	18 39 2	-79 1.2	18 47 2 -79 22.6	18 55 25	-78 55.2
	Δα = 815"	Δδ = 35.8'	18 33 27 -78 46.8		
	= 38.2 mm	= 31.0 mm			
a	19 13 41	-77 39.3	-78 1240		
	19 13 41	-77 39.3	-77 1353		
	19 13 41	-77 39.3	19 18 19 -78 7.0	19 28 06	-77 28.7
	Δα = 832"	Δδ = 54.3'	19 4 27 -77 12.7		
	= 41.8 mm	= 56.8 mm			
8.	19 15 20	-78 53.6			
	19 15 21	-78 53.6			
	19 15 20	-78 53.6		19 31 13	-78 42.8
3	19 23 25	-77 45.8	-78 1240		
	19 23 24	-77 45.7	-77 1378		
	19 23 24	-77 45.8	19 18 19 -78 7.0	19 38 09	-77 33.8
	Δα = 409"	Δδ = 42.5'	19 25 8 -77 24.5		
	= 26.0 mm	= 40.0 mm			
4	19 24 51	-77 47.8			
	19 24 52	-77 47.9			
	19 24 52	-77 47.8		19 39 37	-77 35.6

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A 4740

A4740

NEB	α	δ	Comp. stars	α	δ
1	19 56 56	-78 25.8	-78 1299		
	19 56 56	-78 25.8	-78 1288		
8.2	19 56 56	-78 ? 25.8	20 0 46 -78 39.0	20 11 34	-78 19.7
	Δα = 545"	Δδ = 21.0'	19 51 41 -78 18.0		
	= 28.0 mm	= 20.2 mm			
2	20 39 29	-77 41.0	-77 1462		
	20 39 29	-77 41.0	-77 1461		
5.2	20 29 29	-77 41.0	20 39 29 -77 43.0	20 42 43	-77 20.7
	Δα = 24"	Δδ = 9.0'	20 39 5 -77 34.0		
	= 0.2 mm	= 9.0 mm			
5	20 40 54	-77 4.2	-77 1460		
neb?	20 40 54	-77 4.0	-76 1453		
3.7	20 40 54	-77 4.1	20 37 35 -77 12.2	20 53 24	-76 42.4
	Δα = 229"	Δδ = 19.2'	20 41 24 -76 53.0		
	= 11.5 mm	= 18.0 mm			

#

Position 2000.

A3386

A 3386

NEB	α	δ	Comp. stars	α	δ
2.8					
2	0 27 36	-26 23.3	-26 156		
neb?	0 27 36	-26 23.3	-25 207		
	0h 27m 36s	-26° 23.3'	0 26 30 -26 47.6	0 32 35	-25 50.1
3.8	Δα = 237"	Δδ = 82.7	0 30 27 -25 24.9		
	= 52.0 mm	= 85.0 mm			
3	0 28 3	-26 29.6			
	0 28 4	-26 29.6			
	0 28 4	-26 29.6		0 33 3	-25 56.4
35.6					

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H 3386

NEB.	α	δ	COMP. STARS	(Pos. 2000)
88	0 28 19	-26 21.8	0 26 30 -26 47.6	
neb?	0 28 19	-26 21.9	0 30 27 -25 24.9	
	0 28 19	-26 21.8		0 33 18 -25 48.6
~~89~~	0 28 46	-25 46.2		
two stars: cf H 4866	0 28 46	-25 46.3		
	~~0 28 46~~	~~-25 46.2~~		~~0 33 46 -25 13~~
4	0 29 37	-26 6.7		
	0 29 37	-26 6.7		
	0 29 37	-26 6.7		0 34 36 -25 33.6
86	0 27 11	-25 18.1		
	0 27 11	-25 18.1		
	0 27 11	-25 18.1		0 32 11 -24 44.9
87	0 ~~27~~ 28 ~~32~~ 20	-22 ~~58.9~~ 6.4	-23 20 7	
neb:	0 ~~27~~ 28 ~~32~~ 20	-22 ~~55.7~~ 6.5	-22 160 X	0 33 20 -22 23.2
	~~0 28 32~~	~~-22 55.4~~	0 29 30 -23 36.5	0 32 32 ~~-22 20.6~~
	Δα = 120" = 19.2 mm	Δδ = 59.4' = 58.0 mm	0 27 50 -22 39.1	
9	0 30 38	-24 57.1	-25 20 7	
	0 30 38	-24 57.1	-24 24 4	
	0 ~~30~~ 38	-24 57.1	0 30 27 -25 24.9	0 35 37 -24 22.1
	Δα = 192" = 43.5 mm	Δδ = 73.0' = 71.0	0 33 39 -24 9.9	
10	0 31 26	-24 26.4		
	0 31 27	-24 26.4		
	0 31 26	-24 26.4		0 36 25 -23 53.3

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A 3386

Neb.	α	δ	Comp. Stars	
25	0 32 2	-25 8.8		
	0 32 2	-25 8.9		
	0 32 2	-25 8.8		0 37 1 -24 35.7
11	0 30 52	-23 33.6	-23 20.7	
	0 30 52	-23 33.6	-22 19.7	
	0 30 52	-23 33.6	0 29 50 -23 38.5	0 35 51 -23 0.5
	Δα = 203"	Δδ = 49.2'	0 33 13 -22 49.3	
	= 46.0 mm	= 50.5		
12	0 30 38	-22 54.6		
	0 30 39	-22 54.6		
	0 30 38	-22 54.6		0 35 37 -22 21.5
38	0 32 15	-26 4.6	-26 15.6	
	0 32 16	-26 4.5	-26 18.5	
	0 32 16	-26 4.6	0 26 30 -26 47.6	0 37 15 -25 31.5
	Δα = 37.2"	Δδ = 41.0'	0 32 42 -26 6.6	
	= 22.8 mm	= 43.0 mm		
112	0 32 19	-26 30.3		
	0 32 20	-26 30.4		
	0 32 20	-26 30.4		0 37 19 -25 57.3
113	0 32 24	-26 32.2		
	0 32 25	-26 32.2		
	0 32 24	-26 32.2		0 37 23 -25 59.1

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A3386

NEB.

	α		δ		COMP. STARS				
22	0	34	19	-24	34.3		-25 207		
	0	34	19	-24	34.2		-24 263		
	0	34	19	-24	34.2	0	30 27	-25 24.9	
	Δα = 302" = 69.0 mm			Δδ = 63.2 = 65.5 mm		0	35 29	-24 21.7	0 39 18 -24 1.2
24	0	34	23	-24	57.9				
	0	34	23	-24	57.9				
	0	34	23	-24	57.9				0 41 21 -24 24.9
91	0	34	32	-25	23.5				
	0	34	30	-25	23.5				
	0	34	31	-25	23.5				0 39 29 -24 50.5
93	0	34	50	-25	9.5				
	0	34	50	-25	9.5				
	0	34	50	-25	9.5				0 39 48 -24 36.5
94	0	35	3	-25	1.3				
	0	35	3	-25	1.3				
	0	35	3	-25	1.3				0 40 1 -24 28.3
39	0	35	3	-25	23.9				
	0	35	3	-25	23.9				
	0	35	3	-25	23.9				0 40 1 -24 50.9
36	0	35	21	-25	16.2				
	0	35	21	-25	16.2				
	0	35	21	-25	16.2				0 40 19 -24 43.2

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H 3386

Neb.	α	δ	Comp. Stars	
19	0 34 21	-23 56.3	-24 244	
	0 34 21	-23 56.3	-23 258 7	
	0 34 21	-23 56.3	0 33 39 -24 9.9	0 39 14 20 -23 23.3
	Δα = 146" 152 34.6	Δδ = 69.8' 4	0 36 42 -23 0.5 12	
	= 35.0 mm	= 69.7 mm		
17	0 34 43	-23 21.7		
	0 34 43	-23 21.7		
	0 34 43	-23 21.7		0 39 29 42 -22 48.7
18	0 35 17	-23 2.7		
	0 35 17	-23 2.7		
	0 35 17	-23 2.7		0 40 39 59 16 -22 29.7
41	0 34 2	-25 26.2	-26 227	
	0 34 2	-25 26.3	-25 233	
	0 34 2	-25 26.2	0 37 42 -26 27.2	0 39 -24 53.2
	Δα = 255"	Δδ = 74.3'	0 33 27 -25 12.9	
	= 58.5 mm	= 72.0 mm		
90	0 34 17	-25 26.2		
	0 34 17	-25 26.3		
	0 34 17	-25 26.3		0 39 15 -24 53.3
92	0 35 10	-25 42.2		
	0 35 10	-25 42.1		
	0 35 10	-25 42.2		0 40 8 -25 9.2
185	0 35 38	-25 59.0		
	0 35 38	-25 58.9		0 40 35 -25 26.
	0 35 38	-25 59.0		

comp star wrongly identified.

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A 3386

NEB.	α	δ	Comp. Stars	
27	0 36 4	-25 46.2	0 37 42 -26 27.2	
	0 36 4	-25 46.1	0 33 27 -25 12.9	
	0 36 4	-25 46.2		0 41 1 -25 13.2
37	0 36 54	-26 14.8		
	0 36 54	-26 14.9		
	0 36 54	-26 14.8		0 41 51 -25 41.5
67	0 37 29	-25 59.4		
	0 37 29	-25 59.4		
	0 37 29	-25 59.4		0 42 26 -25 26.4
95	0 37 35	-25 57.7		
	0 37 35	-25 57.7		
	0 37 35	-25 57.7		0 42 32 -25 24.7
29	0 36 50	-24 56.6	-25 26.5	
neb?	0 36 50	-24 56.4	-24 29.7	
	0 36 50	-24 56.5	0 36 46 -25 18.6	0 41 42 -24 29.5
	Δα = 185"	Δδ = 65.0'	0 39 51 -24 13.6	
	= 42.5 mm	= 65.4 mm		
47	0 36 57	-24 38.6		
	0 36 57	-24 38.4		
	0 36 57	-24 38.5		0 41 55 -24 5.5
45	0 38 50	-24 58.5		
	0 38 48	-24 58.5		
	0 38 49	-24 58.5		0 43 46 -24 25.6

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F. 3386

NEB.	α	δ	COMP. STARS	
46	0 39 18	-24 52.6		
	0 39 18	-24 52.6		
	0 39 18	-24 52.6		0 44 15 -24 19.7
33	0 36 55	-23 54.9	-24 297	
	0 36 55	-23 54.9	-23 256	
	0 36 55	-23 54.9	0 39 51 -24 136	0 41 53 -23 31.9
	Δα = 225"	Δδ = 31.9'	0 36 6 -23 41.7	
	= 51.8 mm	= 32.0		
34	0 37 12	-23 53.4		
	0 37 12	-23 53.4		
	0 37 12	-23 53.4		0 42 10 -23 20.4
96	0 38 59	-24 10.8		
	0 38 59	-24 10.8		
	0 38 59	-24 10.8		0 43 58 -23 37.9
64	0 39 3	-24 9.3		
	0 39 4	-24 9.3		
	0 39 4	-24 9.3		0 44 1 -23 36.4
28	0 37 29	-26 32.9	-27 212	
	0 37 29	-26 32.9	-26 188	
	0 37 29	-26 32.9	0 38 2 -27 9.7	0 42 26 -25 59.9
	Δα = 320"	Δδ = 63.1'	0 32 42 -26 6.6	
	= 72.5 mm	= 643 mm		

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H 3386
NEB.

	α	δ	Comp Stars	
36	0 37 49	-26 45.7	0 38 2 -27 9.7	
	0 37 49	-26 45.7	0 32 42 -26 6.6	
	0 37 49	-26 45.7		0 42 41 -26 12.7
				0 44 27 -26 15.1
53	0 39 28	-26 48.0	-27 21.8	
	0 39 28	-26 48.0	-26 27.0	
	0 39 28	-26 48.0	0 38 41 -27 22.4	0 44 24 -26 15.1
	Δα = 42.1″	Δδ = 48.1″	0 45 42 -26 34.3	
	= 94.5 mm	= 47.5 mm		
114	0 42 15	-26 55.0		
	0 42 15	-26 55.1		
	0 42 15	-26 55.0		0 47 10 -26 22.2
82	0 42 46	-27 1.1		
	0 42 46	-27 1.1		
	0 42 46	-27 1.1		0 47 41 -26 28.3
~~44~~	0 40 26	-25 19.1	-25 30.1	
	0 40 25	-25 19.1	~~-24 25.6~~	
Comp star wrong	0 40 26	-25 19.1	0 42 2 -25 24.2	0 45 22 -24 46.2
	Δα = 23.5″	Δδ = 37.1′	0 38 7 -24 47.1	
	= 56.0 mm	= 36.5 mm		
~~66~~	0 41 24	-25 11.5		
	0 41 24	-25 11.5		
	0 41 24	-25 11.5		0 46 21 -24 38.6

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A3386

Neb	α	δ	Comp. Stars	
54	0 41 0	-24 19.6	-24 341	
	0 41 0	-24 19.6	-24 297	
	0 41 0	-24 19.6	0 43 57 -24 43.4	0 45 57 -23 46.1
	Δα = 246″	Δδ = 29.8′	0 39 51 -24 136	
	= 54.5	= 28.4 mm		
31	0 37 11	-23 35.5	-23 256	
neb?	0 37 12	-23 35.5	-23 282	
	0 37 12	-23 35.5	0 36 6 -23 41.7	0 42 10 -23 2.5
	Δα = 234″	Δδ = 17.2′	0 40 0 -23 24.5	
	= 54.2 mm	= 17.6 mm		
32	0 37 37	-23 24.8		
	0 37 37	-23 24.8		
	0 37 37	-23 24.8		0 42 35 -22 51.8
97	0 39 12	-23 8.8	-23 282	
neb?	0 39 12	-23 8.7	-22 197	
	0 39 12	-23 8.8	0 40 0 -23 24.5	0 44 9 -22 35.9
	Δα = 407″	Δδ = 35.2′	0 33 13 -22 49.3	
	= 95.0 mm	= 36.2 mm		
98	0 39 13	-22 54.1		
	0 39 13	-22 54.2		
	0 39 13	-22 54.2		0 44 10 -22 21.3

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A 3386
NEB.

	α	δ	COMP. STARS		
99	0 42 38	-25 59.1	-26 26 4		
	0 42 38	-25 59.1	-25 30 1		
	0 42 38	-25 59.1	0 44 27 -25 59.6	0 47 34	-25 26.3
	Δα = 145″ = 34.0 mm	Δδ = 35.4′ = 36.0 mm	0 42 2 -25 24.2		
100	0 42 58	-25 36.0			
	0 42 57	-25 36.0			
	0 42 58	-25 36.0		0 47 54	-25 3.2
84	0 43 32	-26 1.1			
	0 43 31	-26 1.1			
	0 43 32	-26 1.1		0 48 27	-25 28.3
65	0 43 16	-25 19.5	-25 30 1		
neb?	0 43 16	-25 19.4	-24 34 1 ✓		
	0 43 ~~16~~ 11	-25 19.~~4~~ 6		0 48 8	-24 46.8
			0 42 2 -25 24.2	0 48 12	-24 46.6
	Δα = 115″ = ~~26.6~~ 27.9 mm	Δδ = 40.8′ = ~~42.8~~ 39.9 mm	0 43 57 -24 43.4		
62	0 43 24	-24 59.5		0 48	
	0 43 24	-24 59.4			
	0 43 ~~24~~ 19	-24 ~~59.4~~ 57.9		0 48 15	-24 25.1
				0 48 20	-24 26.6
63	0 42 26	-24 8.3	-24 37 8		
	0 42 27	-24 8.3	-24 32 4		
	0 42 26	-24 8.3	0 48 40 -24 33.6	0 47 22	-23 35.5
	Δα = 492″ = 99.0 mm	Δδ = 30.6′ = 33.2 mm	0 41 28 -24 3.0		

Comp star ✓

Comp star ✓

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NEB.	α	δ	COMP. STARS		
116	0 43 48	-24 18.9	0 48 40	-24 33.6	
	0 43 48	-24 18.8	0 41 28	-24 3.0	
	0 43 48	-24 18.8			0 48 44 -23 46.
58	0 44 7	-24 20.7			
	0 44 7	-24 20.7			
	0 44 7	-24 20.7			0 49 3 -23 47.9
59	0 44 20	-24 23.4			
	0 44 20	-24 23.4			
	0 44 20	-24 23.4			0 49 16 -23 50.6
73	0 47 4	-24 16.1			
	0 47 4	-24 16.1			
	0 47 4	-24 16.1			0 51 59 -23 43.4
57	0 42 51	-23 22.8	-23 315		
	0 42 51	-23 22.8	-23 301 ✓		
	0 42 ~~51~~ 38	-23 ~~22.8~~ 21.0	0 44 26	-23 ~~47.4~~ 6	0 47 ~~48~~ 35 -22 ~~50~~ 48.2
	Δα = 125" = ~~38.0~~ 28.6 mm	Δδ = ~~29.6'~~ 6 = 28.5 mm	0 42 21	-23 19.8	
101	0 45 15	-23 52.2	-24 365		
	0 45 15	-23 52.2	-23 315		
	0 45 ~~15~~ 05	-23 ~~52.2~~ 50.4	0 46 36	-24 7.4	0 50 11 -23 ~~14.5~~ 17.7
	Δα = 130" = 29.5 mm	Δδ = ~~21'0'~~ 2 = 22.5 mm	0 44 26	-23 ~~47.4~~ 6	

wrong position
Comp star +
wrong star

Comp star position ✓

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A 3386
NEB.

	α	δ	Comp. Stars	
102	0 45 37	-23 34.7	-23 315	
	0 45 37	-23 34.7	-23 331 6	
	0 45 37	-23 ~~34.7~~ 34.2	0 44 26 -23 ~~48.4~~ 46.4	0 50 33 -23 ~~2.0~~ 1.5
	Δα = 127″	Δδ = ~~2.5~~ 1.9′	0 46 33 -23 26.9	
	= 29.5 mm	= 18.4		
104	0 47 20	-27 52.3	-28 260	
	0 47 20	-27 52.3	-27 289	
	0 47 20	-27 52.3	0 45 44 -27 58.3	0 52 14 -27 19.6
	Δα = 204″	Δδ = 40.4′	0 49 8 -27 17.9	
	= 46.5 mm	= 40.0 mm		
103	0 47 20	-27 53.3		
	0 47 20	-27 53.3		
	0 47 20	-27 53.3		0 52 14 -27 20.6
105	0 48 48	-27 35.0		
	0 48 48	-27 35.0		
	0 48 48	-27 35.0		0 53 41 -27 2.4
74	0 47 39	-23 29.2	-24 365	
	0 47 39	-23 29.1	-23 340 ✓	
	0 47 39	-23 29.2	0 46 36 -24 7.4	0 52 34 -22 56.6
	Δα = 133″	Δδ = 43.5′	0 48 49 -23 23.9	
	= ~~31.3~~ mm	= ~~41.8~~ 43.3		
111	0 48 31	-23 40.0		
	0 48 31	-23 40.0		
	0 48 31	-23 40.0		0 53 26 -23 7.4

Comp star wrong

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A 3386

NEB.	α	δ	COMP. STARS	
70	0 48 1	-26 34.4	-27 277	
meb?	0 48 1	-26 34.4	-26 294	
	0 48 1	-26 34.4	0 47 27 -26 55.9	0 52 54 -26 1.8
	Δα = 175″	Δδ = 47.3′	0 50 22 -26 8.6	
	= 41.0 mm	= 47.3 mm		
71	0 47 58	-26 11.9		
	0 47 58	-26 11.9		
	0 47 58	-26 11.9		0 52 57 -25 39.3
116	0 50 18	-26 51.9		
	0 50 18	-26 51.9		
	0 50 18	-26 51.9		0 55 11 -26 19.3
72	0 47 20	-25 45.6	-26 294	
	0 47 20	-25 45.6	-25 328	
	0 47 20	-25 45.6	0 50 22 -26 8.6	0 52 15 -25 12.9
	Δα = 207″	Δδ = 24.2′	0 46 55 -25 44.4	
	= 46.0 mm	= 26.0 mm		
78	0 49 30	-26 0.5		
	0 49 30	-26 0.5		
	0 49 30	-26 0.5		0 54 25 -25 27.9
77	0 50 19	-24 35.3	-24 388	
	0 50 19	-24 35.3	-24 408	
	0 50 19	-24 35.3	0 49 45 -24 49.9	0 55 14 -24 2.7
	Δα = 119″	Δδ = 37.7′	0 51 44 -24 12.2	
	= 28.0 mm	= 37.5 mm		

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A 3386
NEB

	α	δ	Comp Stars		
110	0 52 5	−24 23.3	0 49 45	−24 49.9	
	0 52 5	−24 23.3	0 51 44	−24 12.2	
	0 52 5	−24 23.3			0 56 54 −23 50.8 (5)
107	0 49 20	−24 5.4		−24 408	
	0 49 20	−24 5.4		−23 342	
	0 49 20	−24 5.4	0 51 44	−24 12.2	0 54 15 −23 32.8
	Δα = 165″ = 37.2 mm	Δ δ = 34.2′ = 35.2 mm	0 48 59	−23 38.0	
108	0 49 24	−24 5.4			
	0 49 24	−24 5.4			
	0 49 24	−24 5.4			0 54 19 −23 32.6
109	0 49 49	−24 3.5			
	0 49 49	−24 3.5			
	0 49 49	−24 3.5			0 54 44 −23 30.9
115	0 34 45	−27 54.7		−28 195	
	0 34 45	−27 54.7		−27 190 ✓	
comp star wrong identified	0 34 ~~45~~ 22	−27 ~~54.7~~ 53.6	0 35 52	−27 55.1	0 39 ~~42~~ 19 −27 ~~21.7~~ 20.6
	Δα = 93″ = ~~27.5~~ 4.1 mm	Δ δ = 10.1′ = ~~12.0~~ 8.7 mm	0 34 17	−27 45.0	

13
53
51

116 − 14

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A 4604

A 4604
NEB.

	α			δ		Comp. Stars	α			δ	
3	21	13	32	-67	47.5	-68 3417					
	21	13	32	-67	47.4	-67 3788					
	21	13	32	-67	47.4	21 14 53 -68 14.7	21	20	33	-67	22.3
	Δα = 153″			Δδ = 42.2′		21 12 20 -67 32.5					
	= 19.0 mm			= 41.0 mm							
2	21	14	13	-68	4.9						
	21	14	13	-68	4.9						
	21	14	13	-68	4.9		21	23	04	-67	39.7
17	21	23	14	-69	35.1	-70 2856					
	21	23	13	-69	35.1	-69 3180					
	21	23	14	-69	35.1	21 23 52 -69 55.8	21	32	06	-69	9.2
	Δα = 128″			Δδ = 38.1′		21 26 0 -69 17.7					
	= 8.5 mm			= 39.0 mm							
18	21	25	0	-69	36.6						
	21	25	0	-69	36.5						
	21	25	0	-69	36.6		21	33	50	-69	10.6
57	21	23	47	-69	4.1	-69 3180					
	21	23	47	-69	4.1	-68 3427					
	21	23	47	-69	4.1	21 26 0 -69 17.7	21	42	26	-68	37.4
	Δα = 140″			Δδ = 50.9′		21 23 40 -68 26.8					
	= 15.8 mm			= 30.5 mm							
58	21	24	22	-68	40.4						
	21	24	22	-68	40.4						
	21	24	22	-68	40.4		21	33	01	-68	14.4

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A4604
NEB.

	α	δ	Comp Stars	α	δ
11	21 25 20	-67 15.3	-67 3803		
	21 25 21	-67 15.3	-67 3813		
	21 25 20	-67 15.3	21 20 46 -67 26.0	21 33 50	-66 49.3
	Δα = 442"	Δδ = 21.4'	21 28 8 -67 4.6		
	= 41.8	= 24.8 mm			
9	21 28 8	-66 56.1	-67 3813		
	21 28 8	-66 56.0	-66 3580		
	21 28 8	-66 56.0	21 28 8 -67 4.6	21 36 25	-66 29.7
	Δα = 512"	Δδ = 19.7'	21 36 40 -66 44.9		
	= 49.8 mm	= 21.2 mm			
25	21 29 32	-66 54.7			
	21 29 32	-66 54.7			
	21 29 32	-66 54.7		21 37 48	-66 28.3
59	21 28 51	-67 56.5	-68 3435		
	21 28 51	-67 56.5	-67 3803		
	21 28 51	-67 56.5	21 31 32 -68 12.3	21 37 17	-67 30.0
	Δα = 646"	Δδ = 46.3'	21 20 46 -67 26.0		
	= 64.0 mm	= 41.0 mm			
15	21 28 17	-68 43.6			
neb?	21 28 17	-68 43.5	-69 3180		
	21 28 17	-68 43.5	-68 3435	21 36 51	-68 17.0
			21 26 0 -69 17.7		
	Δα = 332"	Δδ = 65.4'	21 31 32 -68 12.3		
	= 27.0 mm	= 69.4 mm			

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A 4604

NEB.	α	δ	COMP. STARS					
36	21 34 3	-68 30.9	-69 3181					
	21 34 3	-68 30.9	-68 3435					
3.3	21 34 3	-68 30.9	21 36 31 -68 59.2	21	42	30	-68	4.1
	Δα = 299″	Δδ = 76.9′	21 31 32 -68 12.3					
	= 30.3 mm	= 48.4 mm						
29	21 34 59	-69 28.7	-69 3188					
	21 34 59	-68 28.7	-69 3191					
9.7	21 34 59	-68 28.7	21 34 28 -69 39.0	21	43	25	-68	1.9
	Δα = 123″	Δδ = 39.8′	21 36 31 -68 59.2					
	= 12.0 mm	= 40.5 mm						
18	21 40 23	-66 37.1	-66 3580					
	21 40 23	-66 37.1	-66 3583					
3.3	21 40 23	-66 37.1	21 36 40 -66 44.9	21	48	27	-66	9.9
	Δα = 543″	Δδ = 17.7′	21 45 43 -66 27.2					
	= 54.3 mm	= 17.7 m						
0.0								
23	21 39 29	-65 24.0	-66 3591					
	21 39 29	-65 24.0	-65 3945					
	21 39 29	-65 24.0	21 43 41 -66 0.6	21	47	25	-64	56.8
	Δα = 397″	Δδ = 47.3′	21 37 4 -65 13.3					
	= 41.0 mm	= 47.8 mm						
7.0								
22	21 41 16	-65 49.2						
	21 41 16	-65 49.3						
	21 41 16	-65 49.2		21	49	11	-65	21.9

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A 4604
NEB.

	α	δ	COMP. STARS	α	δ
62	21 44 37	-66 15.3	-66 3593		
	21 44 37	-66 15.3	-66 3591		
	21 44 37	-66 15.3	21 45 43 -66 27.2	21 52 35	-65 47.7
	Δα = 122"	Δδ = 26.6'	21 43 41 -66 0.6		
	= 12.0 mm	= 27.2 mm			
47	21 44 20	-69 4.5	-69 3200		
	21 44 20	-69 4.5	-68 3452		
	21 44 20	-69 4.5	21 43 20 -69 23.2	21 52 46	-68 36.9
	Δα = 384"	Δδ = 42.0'	21 49 44 -68 41.2		
	= 35.0 mm	= 41.5 mm			
48	21 46 37	-68 50.5			
	21 46 38	-68 50.5			
	21 46 38	-68 50.5		21 54 50	-68 22.8
32	21 45 15	-69 44.6	-70 2889		
	21 45 14	-69 44.6	-69 3200		
	21 45 14	-69 44.6	21 49 51 -70 6.2	21 53 40	-69 17.0
	Δα = 391"	Δδ = 43.0'	21 43 20 -69 23.2		
	= 43.8 mm	= 47.3 mm			
30	21 45 41	-69 45.1			
	21 45 41	-69 45.0			
	21 45 41	-69 45.0		21 54 06	-69 17.4
33	21 48 59	-69 55.6			
	21 49 0	-69 55.5			
	21 49 0	-69 55.6		21 57 21	-69 27.7

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A4604

NEB.	α			δ			COMP. STARS	α			δ	
34	21	49	6	-70	6.9							
	21	49	6	-70	0.8							
7.7	21	49	6	-70	0.8			21	57	31	-69	32.9
35.	21	45	51	-68	6.5		-68 3446					
	21	45	51	-68	6.5		-67 3848					
	21	45	51	-68	6.5		21 42 8 -68 9.5	21	54	04	-67	38.8
	Δα = 507"			Δδ = 58.0'			21 50 35 -67 11.5					
36.9	= 50.0 mm			= 57.0 mm								
42.	21	46	57	-67	29.9							
	21	46	57	-67	29.8							
	21	46	57	-67	29.8			21	55	01	-67	2.0
32.8	40. 21	48	28	-65	44.2		-66 3593					
	21	48	29	-65	44.1		-65 3980					
	21	48	28	-65	44.2		21 45 43 -66 272	21	56	14	-65	16.4
	Δα = 331"			Δδ = 52.3'			21 51 14 -65 34.7					
17.0	= 36.0 mm			= 52.0 mm								
50	21	51	0	-67	31.2		-68 3458					
	21	51	0	-67	31.2		-67 3848					
	21	56	0	-67	31.2		21 58 35 -67 53.8	22	3	53	-67	2.7
	Δα = 480"			Δδ = 42.3'			21 50 35 -67 11.5					
17.4	= 43.2 mm			= 45.0 mm								
51	21	53	13	-67	28.4							
	21	53	13	-67	28.4							
27.7	21	53	13	-67	28.4			22	1	09	-67	0.2

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A4604
NEB

	α	δ	Comp Stars	2	8
52.	21 54 9	-67 33.0	21 58 35 -67 53.8		
	21 54 9	-67 33.1	21 50 35 -67 11.5		
	21 54 9	-67 33.0		22 2 04	-67 4.7
53.	21 54 31	-67 30.3			
	21 54 31	-67 30.3			
	21 54 31	-67 30.3		22 2 26	-67 1.9
59	22 3 5	-67 20.3	-67 3872		
	22 3 4	-67 20.2	-67 3859		
	22 3 4	-67 20.2	22 6 53 -67 25.5	22 10 48	-66 51.1
	Δα = 379"	Δδ = 26.3	22 0 34 -66 59.2		
	= 34.8 mm	= 30.0 mm			
~~60~~	22 1 24	-66 36.8	-66 3648		
neb?	22 1 25	-66 36.7	-65 3990		
STAR	22 1 24	-66 36.8	22 5 55 -66 48.9	22 9 02	-66 7.9
	Δα = 476"	Δδ = 68.2'	21 57 59 -65 40.7		
	= 42.2 mm	= 73.0 mm			
64	22 3 23	-66 0.7			
	22 3 23	-66 0.8			
	22 3 23	-66 0.8		22 10 58	-65 31.7
65	22 3 51	-66 25.5			
	22 3 51	-66 25.7			
	22 3 51	-66 25.6		22 11 25	-65 56.5
~~66~~	22 4 12	-66 28.1			
TWO STARS	22 4 14	-66 28.3			
	22 4 13	-66 28.2			

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H 4604

Neb.	α	δ	Comp. Stars	α	δ
69	22 1 3	−65 12.2	−65 3990		
N.G.C. 7199	22 1 3	−65 12.3	−65 4001		
	22 1 3	−65 12.2	21 57 59 −65 47.7	22 8 34	−64 43.3
	Δα = 300″	Δδ = 43.9′	22 2 59 −64 36.8		
	= 35.0 mm	= 43.0 mm			
63	22 2 7	−65 35.6			
	22 2 7	−65 35.6			
	22 2 7	−65 35.6		22 9 37	−65 6.6
73	22 13 5	−66 37.0	−66 3660		
	22 13 5	−66 37.0	−66 3646		
	22 13 5	−66 37.0	22 16 57 −66 46.1	22 20 29	−66 7.9
	Δα = 397″	Δδ = 386′	22 10 20 −66 7.5		
	= 20.2 mm	= 41.8 mm			
36	21 45 31	−70 23.7	−70 2879		
	21 45 31	−70 23.7	−70 2889		
	21 45 31	−70 23.7	21 45 8 −70 32.4	21 54 05	−69 56.1
	Δα = 283″	Δδ = 26.2″	21 49 51 −70 6.2		
	= 36.0 mm	= 22.5			
44	21 46 27	−70 13.2			
	21 46 27	−70 13.2			
	21 46 27	−70 13.2		21 54 57	−69 45.5

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A4834

A4834
NEB.

	α	δ	Comp Stars	α	δ
3	21 53 39	-70 32.6	-70 2815		
	21 53 39	-70 32.6	-70 2887		
	21 53 39	-70 32.6	21 58 32 -70 42.9	22 2 24	-70 4.3
	Δα = 519"	Δδ = 36.7'	21 49 53 -70 6.2		
	= 47.5 mm	= 32.0 mm			
6	22 4 29	-71 35.8	-71 2662		
	22 4 30	-71 35.7	-71 2671		
	22 4 30	-71 35.8	22 2 52 -71 52.2	22 12 51	-71 6.6
	Δα = 251	Δδ = 43.4'	22 7 3 -71 8.8		
	= 18.0 mm	= 44.8 mm			
4	21 57 21	-72 8.0	-72 2651		
	21 57 21	-72 8.0	-71 2662		
	21 57 21	-72 8.0	21 48 51 -72 27.2	22 5 59	-71 39.4
	Δα = 841"	Δδ = 35.0'	22 2 52 -71 52.2		
	= 61.0 mm	= 42.0 mm			
5	21 58 16	-72 8.9			
	21 58 16	-72 8.9			
	21 58 16	-72 8.9		22 6 53	-71 40.3
15	22 1 42	-73 39.8	-74 2031		
not?	22 1 44	-73 39.7	-73 2247		
	22 1 43	-73 39.8	22 14 52 -74 10.4	22 10 34	-73 10.9
	Δα = 1181"	Δδ = 56.9'	21 55 11 -73 13.5		
	= 87.0 mm	= 52.0 mm			
7	22 10 20	-74 7.1			
	22 10 21	-74 7.0			
	22 10 20	-74 7.0		22 19 05	-73 37.4

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A4834

NEB.	α	δ	COMP. STARS	α	δ
11	22 33 36	-72 49.9	-73 2261		
nb?	22 33 36	-72 49.9	-72 2709		
	22 33 36	-72 49.9	22 28 24 -73 15.6	22 41 23	-72 19.4
	Δα = 419"	Δδ = 36.1	22 35 23 -72 39.5		
	= 32.2 mm	= 33.0			

~~A~~

A5542

A5542

NEB	α	δ	COMP STARS	α	δ
1	16 34 9	-81 26.5	-81 772		
	16 34 9	-81 26.4	-81 771		
	16 34 9	-81 26.4	16 35 2 -81 46.7	16 53 05	-81 38.7
	Δα = 70"	Δδ = 21.9"	16 33 52 -81 248		
	= 10.5 mm	= 19.5 mm			

~~A~~

A6761

A6761

NEB.	α	δ	COMP STARS	α	δ
38	21 23 11	-15 34.7	-15 5989		
	21 23 12	-15 34.6	-15 5992		
	21 23 12	-15 34.6	21 22 26 -15 47.9	21 28 43	-15 8.7
	Δα = 52"	Δδ = 31.9'	21 23 20 -15 16.0		
	= 12.5 mm	= 32.5 mm			
13	21 23 38	-18 19.7	-18 5947		
	21 23 38	-18 19.7	-18 5942		
	21 23 38	-18 19.7	21 24 49 -18 31.4	21 29 13	-17 53.8
	Δα = 156"	Δδ = 20.6	21 22 13 -18 10.8		
	= 37.2 mm	= 19.8			

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NEB.	α	δ	COMP. STARS	α	δ
1	21 22 14	−16 32.4	−17 6304		
	21 22 13	−16 32.3	−16 5864		
	21 22 14	−16 32.4	21 26 20 −16 53.5	21 27 46	−16 6.8
	Δα = 286″	Δδ = 29.5′	21 21 34 −16 24.0		
	= 69.5 mm	= 28.3 mm			
39	21 23 58	−14 35.4	−15 5998		
	21 23 56	−14 35.5	−14 6035		
	21 23 57	−14 35.4	21 25 36 −14 57.7	21 29 36	−14 9.8
	Δα = 156″	Δδ = 34.2′	21 23 0 −14 23.5		
	= 38.5 mm	= 34.2 mm			
1a	21 24 18	−15 3.9	−15 5989		
	21 24 18	−15 3.8	−15 5998		
	21 24 18	−15 3.8	21 22 28 −15 47.9	21 29 48	−14 37.8
	Δα = 188″	Δδ = 50.2′	21 25 36 −14 57.7		
	= 46.0 mm	= 07.0 mm			
41	21 24 51	−15 38.2			
	21 24 51	−15 38 2			
	21 24 51	−15 38.2		21 30 22	−15 12.2
42	21 26 32	−15 12.1	−15 5992		
	21 26 32	−15 12.1	−15 6014		
	21 26 32	−15 12.1	21 23 20 −15 16.0	21 32 02	−14 45.9
	Δα = 384″	Δδ = 12.8	21 2944 −15 3.2		
	= 94.0 mm	= 13.0 mm			

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A 6761
NEB.

	α	δ	Comp. Stars	α	δ
4	21 26 32	-17 47.2	-18 5947		
	21 26 32	-17 47.2	-17 6311		
.8	21 26 32	-17 47.2	21 24 49 -18 31.4	21 32 06	-17 21.0
	Δα = 236″	Δδ = 58.2′	21 28 45 -17 33.2		
	= 56.0 mm	= 58.2 mm			
2	21 26 42	-16 35.8	-17 6304		
	21 26 42	-16 35.8	-16 5887		
.8	21 26 42	-16 35.8	21 26 20 -16 53.5	21 32 14	-16 9.6
	Δα = 130″	Δδ = 32.9′	21 28 30 -16 20.6		
	= 30.2 mm	= 32.5 mm			
a	21 27 27	-16 50.0			
	21 27 27	-16 50.0			
78	21 27 27	-16 50.0		21 32 59	-16 23.7
45	21 27 46	-16 35.8			
	21 27 46	-16 35.8			
	21 27 46	-16 35.8		21 33 18	-16 9.5
22	23 21 26 36	-14 13.3	-14 6068		
	21 26 36	-14 13.3	-14 6049		
	21 26 36	-14 13.3	21 28 35 -14 39.8	21 32 04	-13 47.1
	Δα = 180″	Δδ = 28.2′	21 27 35 -14 52		
.1	= 43.8 mm	= 28.2 mm			
3	21 26 48	-14 29.8			
	21 26 48	-14 29.8			
	21 26 48	-14 29.8		21 32 16	-14 3.6

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A6761

NEB.	α			δ			COMP. STARS	α			δ		
19	21	27	17	−14	30.8		21 28 35 −14 33.8						
	21	27	17	−14	30.8		21 25 35 −14 5.6						
	21	27	17	−14	30.8			21	32	46	−14	4.5	
b	21	29	19	−17	37.6		−18 5983						
	21	29	19	−17	37.7		−17 6311						
	21	29	19	−17	37.6		21 32 45 −18 6.0	21	34	52	−17	11.2	
	Δα = 240″			Δ δ = 32.8′			21 28 45 −17 33.2						
	= 58.2 mm			= 33.0 mm									
c	21	29	21	−17	38.6								
	21	29	21	−17	38.7								
	21	29	21	−17	38.6			21	34	54	−17	12.2	
55	21	30	0	−17	52.6								
	21	30	0	−17	52.7								
	21	30	0	−17	52.6			21	35	33	−17	26.2	
23	21	30	58	−17	45.6								
	21	30	58	−17	45.6								
	21	30	58	−17	45.6			21	36	32	−17	19.0	
16	21	31	51	−17	56.6								
	21	31	51	−17	56.6								
	21	31	51	−17	56.6			21	37	24	−17	29.9	
17	21	32	4	−17	41.2								
	21	32	4	−17	41.2								
	21	32	4	−17	41.2			21	37	37	−17	14.5	

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A6761

Neb.	α	δ	Comp. Stars	α	δ
6	21 29 25	−16 15.9	−16 5887		
	21 29 26	−16 15.9	−16 5892		
5	21 29 26	−16 15.9	21 28 30 −16 20.6	21 34 57	−15 49.4
	Δα = 112″	Δδ = 12.2′	21 30 22 −16 8.4		
	= 28.2 mm	= 13.0 mm			
.2 11	21 29 15	−14 44.6	−15 6029		
	21 29 15	−14 44.6	−14 6068		
	21 29 15	−14 44.6	21 34 4 −15 3.5	21 34 44	−14 18.1
	Δα = 329″	Δδ = 29.7′	21 28 35 −14 33.8		
	= 79.8 mm	= 30.2 mm			
2.2 18	21 29 36	−14 45.6			
	21 29 36	−14 45.6			
	21 29 36	−14 45.6		21 35 05	−14 19.1
.2 12	21 30 38	−14 51.5			
	21 30 38	−14 51.5			
	21 30 38	−14 51.5		21 36 07	−14 25.0
.0 67	21 32 46	−14 46.6			
	21 32 46	−14 46.6			
	21 32 46	−14 46.6		21 38 14	−14 19.8
9.9 68	21 33 35	−14 49.5			
	21 33 35	−14 49.5			
	21 33 35	−14 49.5		21 39 03	−14 22.7
4.5					

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NEB.	α			δ		COMP. STARS			α			δ	
48	21	30	13	−15	30.7	−16	5895						
	21	30	13	−15	30.8	−15	6014						
	21	30	13	−15	30.8	21 31 28	−15	50.5	21	35	43	−15	4.3
	Δα = 104″			Δ δ = 47.3′		21 29 44	−15	3.2					
	= 25.0 mm			= 48.4 mm									
49	21	30	30	−15	32.7								
	21	30	30	−15	32.8								
	21	30	30	−15	32.8				21	36	00	−15	6.3
5	21	30	40	−15	36.6								
	21	30	40	−15	36.6								
	21	30	40	−15	36.6				21	36	10	−15	1.1
50	21	30	34	−15	11.1								
	21	30	34	−15	11.2								
	21	30	34	−15	11.2				21	36	03	−14	44.7
11	21	30	57	−15	29.5								
	21	30	57	−15	29.6								
	21	30	57	−15	29.6				21	36	27	−15	3.0
21	21	30	59	−15	24.9								
	21	30	59	−15	24.9								
	21	30	59	−15	24.9				21	36	29	−14	58.3
65	21	31	20	−15	15.3								
	21	31	19	−15	15.4								
	21	31	20	−15	15.4				21	36	49	−14	48.8

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H 6761
NEB.

	α	δ	Comp. Stars	α	δ
9	21 31 49	−13 38.8	−14 6080		
	21 31 49	−13 38.8	−13 5983		
3	21 31 49	−13 38.8	21 31 16 −13 54.3	21 37 16	−13 12.1
	Δα = 156″	Δδ = 22.0′	21 33 52 −13 32.3		
	= 38.0 mm	= 22.0 mm			
20	21 32 5	−15 9.1	−16 5897		
	21 32 5	−15 9.2	−15 6029		
.3	21 32 5	−15 9.2	21 31 28 −15 50.5	21 37 34	−14 42.5
	Δα = 156″	Δδ = 47.0′	21 34 4 −15 3.5		
	= 38.0 mm	= 47.8 mm			
a.1	54 21 33 39	−17 21.7	−17 6332		
	21 33 39	−17 21.7	−16 5923		
	21 33 39	−17 21.7	21 32 59 −17 24.2	21 39 11	−16 54.9
	Δα = 228″	Δδ = 37.5′	21 36 47 −16 46.7		
1.7	= 54.5 mm	= 37.5 mm			
	8 21 35 17	−17 3.2			
	21 35 17	−17 3.2			
.0	21 35 17	−17 3.2		21 38 48	−16 36.2
	57 21 35 55	−16 59.7			
	21 35 55	−16 59.7			
583	21 35 55	−16 59.7		21 41 26	−16 32.7
	38 21 36 9	−16 53.2			
	21 36 3	−16 53.2			
18.8	21 36 9	−16 53.2		21 41 34	−16 26.2

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A 6761
NEB.

	α	δ	COMP. STARS	α	δ
25	21 36 24	−16 57.2	21 32 59 −17 24.2		
	21 36 24	−16 57.2	21 36 47 −16 46.7		
	21 36 24	−16 57.2		21 41 55	−16 30.1
9	21 35 5	−16 45.7	−16 5923		
	21 35 6	−16 45.7	−16 5906		
	21 35 6	−16 45.7	21 36 47 −16 46.7	21 40 37	−16 18.8
	Δα = 185″ = 44.0 mm	Δδ = 13.2′ = 13.5 mm	21 33 42 −16 33.5		
62	21 35 8	−16 41.3			
	21 35 8	−16 41.3			
	21 35 8	−16 41.3		21 40 39	−16 14.4
59	21 34 13	−16 18.4	−16 5906		
	21 34 13	−16 18.4	−15 6043		
	21 34 13	−16 18.4	21 33 42 −16 33.5	21 39 43	−15 51.5
	Δα = 213″ = 51.2 mm	Δδ = 46.2′ = 46.0 mm	21 37 15 −15 47.3		
24	21 34 32	−16 16.4			
	21 34 32	−16 16.4			
	21 34 32	−16 16.4		21 40 02	−15 49.5
71	21 36 31	−16 31.0			
	21 36 31	−16 31.0			
	21 36 31	−16 31.0		21 42 01	−16 3.9

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H 6761
NEB.

	α	δ	Comp. Stars	α	δ
10	21 35 7	−13 48.6	−14 6099		
	21 35 7	−13 48.6	−13 5983		
	21 35 7	−13 48.6	21 35 24 −14 4.1	21 40 34	−13 21.6
	Δα = 92″	Δδ = 31.8	21 33 52 −13 32.3		
	= 22.0 mm	= 31.2 mm			
28	21 37 1	−14 52.2	−15 6029		
	21 37 1	−14 52.1	−14 6115		
	21 37 1	−14 52.2	21 34 4 −15 3.5	21 42 29	−14 25.1
	Δα = 345″	Δδ = 40.9′	21 39 49 −14 22.6		
	= 84.0 mm	= 40.2 mm			
26	21 39 0	−14 47.0			
	21 39 0	−14 47.0			
	21 39 0	−14 47.0		21 44 28	−14 19.7
33	21 39 22	−15 36.9			
	21 39 20	−15 36.8			
	21 39 21	−15 36.8		21 44 48	−14 9.5
29	21 37 35	−15 26.8	−15 6043		
	21 37 35	−15 26.8	−15 6052		
	21 37 35	−15 26.8	21 37 15 −15 47.3	21 43 04	−14 59.6
	Δα = 78″	Δδ = 35.0′	21 38 33 −15 12.3		
	= 19.5 mm	= 35.0 mm			

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	α	δ	Comp. Stars	α	δ
66	21 37 40	−16 4.5	−16 5942		
	21 37 40	−16 4.5	−15 6043		
	21 37 40	−16 4.5	21 40 48 −16 26.7	21 43 10	−15 37.3
	Δα = 213″	Δδ = 39.4′	21 37 15 −15 47.3		
	= 51.0 mm	= 40.8 mm			
63	21 40 38	−16 55.7	−17 6382		
	21 40 39	−16 55.7	−16 5923		
	21 40 38	−16 55.7	21 43 42 −17 18.4	21 46 09	−16 28.3
	Δα = 415″	Δδ = 31.7′	21 36 47 −16 46.7		
	= 99.5 mm	= 33.5 mm			
34	21 40 43	−14 14.6	−14 6115		
	21 40 43	−14 14.6	−14 6124		
	21 40 43	−14 14.6	21 39 49 −14 22.6	21 46 10	−13 47.2
	Δα = 96″	Δδ = 24.1′	21 41 25 −13 58.5		
	= 23.2 mm	= 24.0 mm			
30	21 41 6	−16 16.8	−16 5942		
	21 41 6	−16 16.8	−15 6072		
	21 41 6	−16 16.8	21 40 48 −16 26.7	21 46 35	−15 49.3
	Δα = 139″	Δδ = 42.9′	21 43 7 −15 43.8		
	= 34.2 mm	= 43.5 mm			
31	21 41 39	−16 11.4			
	21 41 39	−16 11.4			
	21 41 39	−16 11.4		21 47 08	−15 43.9

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NEB.

	α	δ	COMP. STARS	α	δ
60	21 41 46	-18 0.0	-18 6007		
	21 41 46	-18 0.0	-18 6018		
.3	21 41 46	-18 0.0	21 40 54 -18 22.7	21 47 18	-17 32.5
	Δα = 231"	Δ δ = 30.8'	21 44 45 -17 51.9		
	= 57.5 mm	= 30.5 mm			
70	21 43 27	-14 45.5	-15 6067		
	21 43 27	-14 45.5	-14 6138		
8.3	21 43 27	-14 45.5	21 42 10 -15 0.2	21 48 54	-14 17.8
	Δα = 156"	Δ δ = 22.1'	21 44 46 -14 38.1		
	= 31.5 mm	= 22.5 mm			
32	21 44 38	-17 38.8	-18 6018		
	21 44 38	-17 38.8	-17 6382		
7.2	21 44 38	-17 38.8	21 44 45 -17 51.9	21 50 09	-17 11.1
	Δα = 63"	Δ δ = 33.5'	21 43 42 -17 18.4		
	= 17.0 mm	= 34.5 mm			
22.5	21 30 51	-18 19.6	-18 5969		
	21 30 51	-18 19.6	-18 5983		
2.3	21 30 51	-18 19.6	21 30 30 -18 27.6	21 36 25	-17 53.0
	Δα = 135"	Δ δ = 21.6'	21 32 45 -18 6.0		
	= 32.5 mm	= 21.6 mm			
14	21 31 22	-18 21.5			
	21 31 23	-18 21.5			
13.9	21 31 22	-18 21.5		21 36 56	-17 54.9

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A 7115

A 7115

NEB.	α	δ	COMP. STARS	α	δ
8	3 41 13	+28 47.7	+28 577		
	3 41 13	+28 47.6	+28 587		
	3 41 13	+28 47.6	3 39 42 +28 56.2	3 47 20	+29 6.5
	Δα = 149″	Δδ = 27.7′	3 42 11 +28 28.5		
	= 33.2 mm	= 27.2 mm			
5	3 31 47	+28 2.0	+27 534		
	3 31 47	+28 2.0	+27 536		
	3 31 47	+28 2.0	3 31 27 +28 6.7	3 37 51	+28 22.5
	Δα = 44″	Δδ = 18.5′	3 32 11 +27 48.2		
	= 9.8 mm	= 17.8 mm			

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A 6994

A 6994

NEB.	α	δ	COMP. STARS	α	δ
1	21 24 29	−63 11.5	−63 4680		
	21 24 29	−63 11.5	−63 4688		
	21 24 29	−63 11.5	21 23 42 −63 29.7	21 32 25	−62 45.5
	Δα = 256″	Δδ = 15.0′	21 27 58 −63 14.7		
	= 27.2 mm	= 18.3 mm			
6	21 26 54	−62 32.7	−62 6236		
	21 26 54	−62 32.7	−62 6246		
	21 26 54	−62 32.7	21 23 0 −62 36.2	21 34 41	−62 6.0
	Δα = 356″	Δδ = 28.2′	21 28 56 −62 8.0		
	= 38.8 mm	= 30.0 mm			
4	21 28 35	−62 14.4			
	21 28 35	−62 14.3			
	21 28 35	−62 14.4		21 36 21	−61 48.2

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A 6994

NEB.	α	δ	COMP. STARS	α	δ
5	21 28 49	-62 21.2			
	21 28 49	-62 21.2			
	21 28 49	-62 21.2		21 36 35	-61 55.0
7	21 29 56	-63 30.7	-64 4155		
	21 29 56	-63 30.7	-63 4680		
	21 29 56	-63 30.7	21 30 28 -64 13.3	21 37 48	-63 4.3
	Δα = 406"	Δδ = 43.8'	21 23 42 -63 29.7		
	= 48.8 mm	= 41.0 mm			
10	21 32 16	-64 21.7	-64 4170		
	21 32 17	-64 21.7	-64 4155		
	21 32 16	-64 21.7	21 42 46 -64 41.6	21 40 10	-63 55.1
	Δα = 738"	Δδ = 28.1'	21 30 28 -64 13.3		
	= 81.0 mm	= 24.0 mm			
49	21 32 36	-64 14.6			
	21 32 36	-64 14.6			
	21 32 36	-64 14.6		21 40 30	-63 48.0
50	21 35 20	-64 18.8			
	21 35 20	-64 18.8			
	21 35 20	-64 18.8		21 43 12	-63 52.0
14	21 35 20	-64 38.1			
	21 35 20	-64 38.1			
	21 35 20	-64 38.1		21 43 12	-64 11.3

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#6994
NEB.

	α	δ	Comp. Stars	α	δ
15	21 35 18	-63 40.1	-64 4170		
	21 35 17	-63 40.2	-63 4696		
	21 35 18	-63 40.2	21 42 46 -64 41.6	21 43 04	-63 13.4
	Δα = 642″	Δδ = 69.2′	21 32 4 - 63 32.7		
	= 73.0 mm	= 66.5			
17	21 40 55	-63 11.4	-63 4708		
	21 40 55	-63 11.4	-63 4699		
	21 40 55	-63 11.4	21 42 5 -63 23.9	21 48 34	-62 44.1
	Δα = 433″	Δδ = 15.3′	21 34 52 -63 8.6		
	= 49.5 mm	= 13.5 mm			
18	21 45 44	-62 33.1	-62 6280		
	21 45 44	-62 33.1	-62 6271		
	21 45 44	-62 33.1	21 48 42 -62 48.9	21 53 13	-62 5.5
	Δα = 237″	Δδ = 17.8′	21 44 45 -62 31.1		
	= 28.0 mm	= 18.0 mm			
44	21 45 58	-61 49.4	-62 6278		
	21 45 58	-61 49.3	-61 6588		
	21 45 58	-61 49.4	21 48 35 -62 10.2	21 53 21	-61 21.7
	Δα = 366″	Δδ = 26.3′	21 42 29 -61 43.9		
	= 42.0 mm	= 24.5 mm			
19	21 44 36	-60 49.0	-60 7515		
	21 44 36	-60 49.0	-60 7510		
	21 44 36	-60 49.0	21 45 40 -60 56.2	21 51 56	-60 21.4
	Δα = 165″	Δδ = 27.1′	21 42 55 -60 29.2		
	= 20.5 mm	= 21.5			

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A 6994

NEB.	α	δ	COMP. STARS	α	δ	
20	21 43 4	-60 22.3	-60 7510			
	21 43 4	-60 22.3	-60 7511			
3.4	21 43 4	-60 22.3	21 42 55 -60 29.2	21	50 25	-59 54.8
	Δα = 47"	Δδ = 22.6'	21 43 42 -60 6.6			
	= 5.0	= 23.0 mm				
25	21 48 20	-60 30.0	-60 7533			
	21 48 22	-60 30.0	-60 7511			
14.1	21 48 21	-60 30.0	21 53 42 -60 32.3	21	55 39	-60 22
	Δα = 600"	Δδ = 45.7'	21 43 42 -60 6.6			
	= 75.0 mm	= 45.8 mm				
33	21 55 36	-64 48.1	-64 4197			
	21 55 37	-64 48.1	-64 4205			
5.5	21 55 36	-64 48.1	21 54 41 -64 49.0	22	3 08	-64 19.7
	Δα = 173"	Δδ = 1.6	21 57 34 -64 47.4			
	= 25.0 mm	= 5.5 mm				
26	21 51 2	-60 43.0	-60 7533			
	21 51 2	-60 43.0	-60 7511			
1.7	21 51 2	-60 43.0		21	58 17	-60 14.9
27	21 52 55	-61 26.8	-61 6605			
	21 52 55	-61 26.8	-60 7533			
	21 52 55	-61 26.8	21 52 0 -61 41.5	22	00 12	-60 58.5
	Δα = 102"	Δδ = 49.2'	21 53 42 -60 32.3			
1.4	= 13.0 mm	= 50.0 mm				

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A 6994

NEB.

	α	δ	Comp. Stars	α	δ
28	21 55 42	-62 5.3	-62 6294		
	21 55 42	-62 5.3	-61 6605		
	21 55 42	-62 5.3	21 57 5 -62 21.3	22 02 02	-61 36.9
	Δα = 205"	Δδ = 39.8'	21 52 0 -61 41.5		
	= 20.0 mm	= 41.0 mm			
29	21 55 51	-62 4.8			
	21 55 51	-62 4.8			
	21 55 51	-62 4.8		22 3 10	-61 36.3
30	21 55 56	-62 4.3			
	21 55 55	-62 4.3			
	21 55 56	-62 4.3		22 3 15	-61 35.8
31	21 56 35	-62 58.2	-63 4743		
	21 56 35	-62 58.0	-62 6311		
	21 56 85	-62 58.1	21 56 1 -63 15.7	22 3 54	-62 29.6
	Δα = 608"	Δδ = 45.8	22 6 9 -62 29.9		
	= 70.5 mm	= 44.5 mm			
36	21 58 10	-62 38.7			
	21 58 10	-62 38.6			
	21 58 10	-62 38.6		22 5 28	-62 10.0
35	22 3 12	-62 37.7			
	22 3 12	-62 37.6			
	22 3 12	-62 37.6		22 10 24	-62 8.5

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A 6994

	NEB.	α	δ	COMP. STARS	α	δ
	45	21 55 26	−60 57.1	−61 6605		
	neb?	21 55 26	−60 57.1	−60 7537		
6.9		21 55 26	−60 57.1	21 52 0 −61 41.5	22 2 36	−60 28.7
		Δα = 251″	Δδ = 62.5′	21 56 11 −60 39.0		
		= 33.5 mm	= 62.2 mm			
	47	22 3 20	−61 24.5	−61 6623		
		22 3 20	−61 24.5	−60 7533		
6.3		22 3 20	−61 24.5	22 4 20 −61 46.9	22 10 28	−60 55.4
		Δα = 638″	Δδ = 37.6′	21 53 42 −60 52.3		
		= 79.0 mm	= 58.5 mm			
5.8	37	22 5 40	−62 4.6	−62 6311		
		22 5 40	−62 4.6	−61 6623		
		22 5 40	−62 4.6	22 6 8 −62 29.8	22 12 51	−61 35.4
		Δα = 96″	Δδ = 42.9′	22 4 32 −61 46.9		
29.6		= 8.5 mm	= 42.5 mm			
	34	22 4 34	−64 14.8	−65 407		
		22 4 34	−64 14.7	−64 4221		
		22 4 34	−64 14.8	22 11 8 −65 3.1	22 11 57	−63 45.6
		Δα = 454″	Δδ = 59.8′	22 3 34 −64 3.6		
10.0		= 45.0 mm	= 64.5			
	48	22 9 17	−64 52.7			
		22 9 18	−64 52.7			
3.5		22 9 18	−64 02.7		22 16 35	−64 232

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H 6994

Neb.	α	δ	Comp. Stars	α	δ
40	22 10 38	-62 49.0	-63 4176		
neb?	22 10 36	-62 49.1	-62 6311		
	22 10 37	-62 49.0	22 12 7 -63 2.0	22 17 41	-62 19.4
	Δα = 359″	Δδ = 32.2′	22 6 8 -62 29.8		
	= 40.0 mm	= 37.0 mm			
41	22 10 55	-63 45.9			
	22 10 54	-63 45.9			
	22 10 54	-63 45.9		22 18 05	-63 16.2
47	21 37 45	-60 34.6	-60 7503		
	21 37 46	-60 34.6	-60 7511		
	21 37 46	-60 34.6	21 37 0 -60 40.3	21 45 12	-60 7.6
	Δα = 402″	Δδ = 33.1′	21 43 42 -60 6.6		
	= 48.5 mm	= 35.5 mm			
49	21 41 46	-60 26.1			
	21 41 46	-60 26.1			
	21 41 46	-60 26.1		21 49 08	-59 58.8
32	21 55 22	-64 18.6	-64 4197		
	21 55 22	-64 18.6	-64 4221		
	21 55 22	-64 18.6	21 54 41 -64 49.0	22 2 54	-63 50.2
	Δα = 533″	Δδ = 45.4′	22 3 34 -64 3.6		
	= 65.5 mm	= 48.5 mm			
46	21 58 30	-62 19.7	-62 6294		
neb?	21 58 29	-62 19.7	-61 6623		
	21 58 30	-62 19.7	21 57 5 -62 21.3	22 5 48	-61 51.1
	Δα = 447″	Δδ = 34.4′	22 4 32 -61 46.9		
	= 52.8 mm	= 32.0 mm			

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A 6585

A6585

NEB.	α	δ	COMP. STARS	α	δ
274	20 57 36	-61 22.8	-61 6527		
neb.?	20 57 36	-61 22.8	-61 6525		
9.4	20 57 36	-61 22.8	20 58 46 -61 34.3	21 5 38	-60 59.5
	Δα = 162″	Δδ = 29.2′	20 56 4 -61 5.1		
	= 22.0 mm	= 28.0 mm			
273	20 59 18	-62 7.8	-62 6136		
	20 59 18	-62 7.8	-61 6533		
16.2	20 59 18	-62 7.8	20 58 38 -62 11.4	21 7 26	-61 44.3
	Δα = 320″	Δδ = 31.5′	21 4 8 -61 39.9		
	= 37.0 mm	= 34.5 mm			
7.6	271 20 57 5	-62 56.1	-63 4627		
	20 57 5	-62 56.1	-62 6136		
	20 57 5	-62 56.1	20 57 38 -63 8.4	21 5 15	-62 32.8
	Δα = 400″	Δδ = 57.0′	20 58 38 -62 11.4		
	= 41.0 mm	= 61.6 mm			
58.8	272 20 58 57	-62 41.3	-63 4634		
	20 58 57	-62 41.3	-62 6136		
	20 58 57	-62 41.3	20 59 50 -63 20.9	21 7 05	-62 17.8
	Δα = 72″	Δδ = 69.5′	20 58 38 -62 11.4		
50.2	= 13.5 mm	= 69.3 mm			
	270 20 58 1	-63 25.0	-63 4631		
	20 58 1	-63 25.0	-63 4634		
	20 58 1	-63 25.0	20 55 28 -63 52.6	21 6 19	-63 1.6
	Δα = 262″	Δδ = 31.7′	20 59 50 -63 20.9		
51.1	= 26.5 mm	= 34.5			

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	α	δ	COMP. STARS	α	δ
265	20 58 8	-63 50.8	-63 4631		
	20 58 8	-63 50.8	-63 4635		
	20 58 8	-63 50.8	20 55 28 -63 52.6	21 6 26	-63 27.4
	Δα = 296″	Δδ = 7.3′	21 0 24 -63 43.3		
	= 32.3 mm	= 10.0 mm			
266	20 58 31	-63 52.6			
	20 58 31	-63 52.6			
	20 58 31	-63 52.6		21 6 49	-63 29.2
267	20 58 40	-63 51.5			
	20 58 40	-63 51.6			
	20 58 40	-63 51.6		21 6 57	-63 28.2
275	21 2 4	-61 32.4	-61 6533		
	21 2 4	-61 32.4	-61 6527		
	21 2 4	-61 32.4	21 4 8 -61 39.9	21 10 02	-61 8.6
	Δα = 322″	Δδ = 5.6′	20 58 46 -61 34.3		
	= 39.0 mm	= 9.0 mm			
169	21 3 46	-60 20.1	-61 6525		
neb?	21 3 46	-60 20.1	-60 7457		
	21 8 46	-60 20.1	20 56 4 -61 5.1	21 11 39	-59 56.1
	Δα = 726″	Δδ = 68.3′	21 8 10 -59 56.8		
	= 75.0 mm	= 63.0 mm			
170	21 5 50	-60 32.6			
	21 5 50	-60 32.6			
	21 5 50	-60 32.6		21 13 42	-60 8.3

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	α			δ		CUMZ STARS					
							2		8		
o	21	6	34	−60	41.8						
neb?	21	6	34	−60	41.8						
7.4	21	6	34	−60	41.8		21	14	25	−60	17.4
168	21	8	45	−59	59.6	−60 7455					
	21	8	45	−59	59.6	−59 7687					
	21	8	45	−59	59.6	21 6 46 −60 7.2	21	16	26	−59	35.0
9.2	Δα = 190″ = 16.0 mm			Δδ = 20.9′ = 22.0		21 9 56 −59 46.3					
259	21	3	16	−63	9.5	−63 4634					
	21	3	18	−63	9.5	−63 4653					
18.2	21	3	17	−63	9.5	20 59 50 −63 20.9	21	11	30	−62	45.5
	Δα = 713″ = 79.5 mm			Δδ = 21.1′ = 25.0 mm		21 11 43 −62 59.8					
3.6	263	21	4	36	−63	13.7					
	neb?	21	4	37	−63	13.7					
	21	4	36	−63	13.7		21	12	48	−62	49.5
	257	21	7	18	−63	11.2					
	21	7	19	−63	11.2						
56.1	21	7	18	−63	11.2		21	15	28	−62	46.7
	256	21	8	20	−63	2.7					
	neb?	21	8	21	−63	2.7					
	21	8	20	−63	2.7		21	16	30	−62	38.1
3	289	21	10	53	−62	59.8					
	neb?	21	10	54	−62	59.8					
	21	10	54	−62	59.8		21	18	53	−62	34.9

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	α			δ		Comp. Stars				α			δ	
180	21	8	57	−61	22.4		−61 6533							
	21	8	57	−61	22.4		−61 6539							
	21	8	57	−61	22.4	21	4	8	−61 39.9	21	16	50	−60	57.7
	Δα = 470″			Δδ = 44.5′		21	11	38	−60 55.4					
	= 54.5 mm			= 47.0 mm										
177	21	10	2	−61	1.1									
	21	10	2	−61	1.1									
	21	10	2	−61	1.1					21	17	54	−60	36.3
179	21	11	56	−61	17.2									
	21	11	50	−61	17.2									
	21	11	50	−61	17.2					21	19	40	−60	52.2
262	21	5	36	−63	26.9		−63 4635							
neb?	21	5	37	−63	26.9		−63 4633							
	21	5	36	−63	26.9	21	0	24	−63 45.3	21	13	48	−63	2.6
	Δα = 679″			Δδ = 45.5′		21	11	43	−62 59.8					
	= 74.0 mm			= 49.5 mm										
290	21	5	40	−63	43.0									
neb?	21	5	41	−63	43.0									
	21	5	40	−63	43.0					21	13	52	−63	18.7
245	21	7	11	−63	30.6									
	21	7	13	−63	30.6									
	21	7	12	−63	30.6					21	15	23	−63	6

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NEB.	α			δ		COMP. STARS	α			δ	
251	21	12	16	-64	7.8	-64 4112					
mb?	21	12	16	-64	7.8	-63 4663					
7.7	21	12	16	-64	7.8	21 8 12 -64 29.0	21	20	30	-63	42.8
	Δα = 410″			Δδ = 43.6′		21 15 2 -63 45.4					
	= 43.8 mm			= 45.2 mm							
252	21	13	21	-63	57.2						
	21	13	21	-63	57.2						
6.3	21	13	21	-63	57.2		21	21	26	-63	32.1
249	21	14	8	-64	28.1						
	21	14	8	-64	28.0						
2.2	21	14	8	-64	28.0		21	22	20	-64	2.8
291	21	8	40	-64	52.4	-64 4119					
	21	8	40	-64	52.4	-64 4112					
6	21	8	40	-64	52.4	21 12 56 -64 47.7	21	16	57	-64	27.8
	Δα = 284″			Δδ = 18.7′		21 8 12 -64 29.0					
	= 31.0 mm			= 17.8 mm							
172	21	14	17	-61	1.6	-61 6547					
mb?	21	14	17	-61	1.6	-61 6539					
2.7	21	14	17	-61	1.6	21 16 56 -61 6.1	21	22	05	-60	36.4
	Δα = 298″			Δδ = 10.7′		21 11 58 -60 55.4					
	= 35.5 mm			= 10.3 mm							
21											

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	α	δ	Comp. Stars	α	δ
192	21 14 17	-61 25.2	-61 6551		
mb?	21 14 16	-61 25.2	-61 6540		
	21 14 16	-61 25.2	21 18 33 -61 45.6	21 22 04	-61 00.0
	Δα = 373″	Δδ = 22.4′	21 12 20 -61 23.2		
	= 45.0	= 22.0mm			
191	21 15 6	-61 35.9			
	21 15 6	-61 35.9			
	21 15 6	-61 35.9		21 22 54	-61 10.7
193	21 15 56	-61 31.9			
	21 15 56	-61 31.9			
	21 15 56	-61 31.9		21 25 44	-61 6.6
186,	21 18 12	-61 28.8			
mb?	21 18 12	-61 28.8			
	21 18 12	-61 28.8		21 25 58	-61 3.4
235	21 13 12	-63 7.4	-63 4663		
mb?	21 13 12	-63 7.4	-63 4653		
	21 13 12	-63 7.4	21 15 2 -63 45.4	21 21 17	-62 42.3
	Δα = 199″	Δδ = 45.6	21 11 43 -62 59.8		
	= 23.5mm	= 45.3mm			
212,	21 14 5	-62 24.0	-62 6221		
mb?	21 14 5	-62 24.0	-62 6227		
	21 14 5	-62 24.0	21 12 45 -62 31.6	21 22 01	-61 58.8
	Δα = 204″	Δδ = 32.5′	21 16 9 -61 59.1		
	= 23.0mm	= 33.3mm			

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Neb.	α	δ	Comp. Stars	α	δ
237,	21 15 45	-63 13.6	-63 4658		
neb?	21 15 45	-63 13.6	-63 4670		
	21 15 45	-63 13.6	21 13 4 -63 29.8	21 23 49	-62 48.4
	Δα = 370"	Δδ = 24.8'	21 19 14 -63 5.0		
	= 41.5mm	= 24.5mm			
248	21 16 42	-64 30.4	-64 4142		
	21 16 41	-64 30.4	-63 4663		
	21 16 42	-64 30.4	21 23 14 -64 49.7	21 24 53	-64 5.1
	Δα = 492"	Δδ = 64.3'	21 15 2 -63 45.4		
	= 53.8mm	= 65.0mm			
245,	21 18 12	-64 9.2			
neb?	21 18 12	-64 9.1			
	21 18 12	-64 9.2		21 26 22	-63 43.8
292	21 18 54	-64 49.2			
	21 18 53	-64 49.2			
	21 18 54	-64 49.2		21 27 03	-64 23.7
244,	21 20 7	-64 9.2			
neb?	21 20 6	-64 9.1			
	21 20 6	-64 9.2		21 28 14	-63 43.6
246,	21 22 38	-64 17.1			
neb?	21 22 38	-64 17.0			
	21 22 38	-64 17.0		21 30 43	-63 51.2
243,	21 22 27	-64 10.6			
	21 22 27	-64 10.6			
	21 22 27	-64 10.6		21 30 32	-63 44.8

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Neb.	α			δ		Comp. Stars				α			δ	
242	21	18	51	-63	43.9	-63 4663								
	21	18	51	-63	43.9	-63 4688								
	21	18	51	-63	43.9	21 15 2	-63	45.4		21	26	52	-63	18.4
	Δα = 607″			Δδ = 4.4′		21 25 9	-63	41.0						
	= 67.5 mm			= 3.9 mm										
189	21	19	19	-61	41.6	-61 6557								
neb?	21	19	19	-61	41.6	-61 6560								
	21	19	19	-61	41.6	21 18 33	-61	45.6		21	27	03	-61	16.0
	Δα = 336″			Δδ = 11.0′		21 24 9	-61	34.6						
	= 40.0 mm			= 11.0 mm										
188	21	20	35	-61	36.6									
	21	20	35	-61	36.6									
	21	20	35	-61	36.6					21	28	19	-61	11.0
187	21	21	50	-61	39.6									
neb?	21	21	51	-61	39.6									
	21	21	50	-61	39.6					21	29	32	-61	13.8
183	21	19	40	-61	19.9	-61 6556								
	21	19	39	-61	19.9	-61 6547								
	21	19	40	-61	19.9	21 21 47	-61	028.8		21	27	24	-60	54.3
	Δα = 291″			Δδ = 22.7′		21 16 56	-61	6.1						
	= 36.5 mm			= 23.0 mm										
184	21	20	51	-61	23.9									
	21	20	51	-61	23.9									
	21	20	51	-61	23.9					21	28	34	-60	58.2

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	NEB.	α			δ			COMP. STARS				α		δ	
	116	21	19	28	-60	57.1		-61 6547							
		21	19	28	-60	57.1		-60 7485							
8.4		21	19	28	-60	57.1		21 16 56	-61	6.1		21	27	08	-60 25.5
		Δα = 308"			Δδ = 57.6'			21 25 24	-60	8.5					
		= 65.0 mm			= 57.5 mm										
	172	21	20	38	-60	47.1									
	neb?	21	20	39	-60	47.1									
6.0		21	20	38	-60	47.1						21	28	18	-60 21.5
	166	21	21	14	-60	46.1									
	neb?	21	21	14	-60	46.1									
		21	21	14	-60	46.1						21	28	53	-60 20.4
.0	293	21	23	51	-60	31.0									
	neb?	21	23	50	-60	31.0									
		21	23	00	-60	31.0						21	30	37	-60 5.1
3.8	294	21	23	58	-60	33.0									
	neb?	21	23	58	-60	33.0									
		21	23	58	-60	33.0						21	31	35	-60 7.1
4.3	46	21	25	21	-64	40.9		-64 4142							
		21	25	21	-64	40.9		-64 4149							
		21	25	21	-64	40.9		21 23 14	-64	49.7		21	33	23	-64 15.9
		Δα = 155"			Δδ = 38.0'			21 25 49	-64	11.7					
		= 12.2 min			= 41.2 mm										
8.2															

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Neb.	α	δ	Comp. Stars	α	δ
295	21 25 10	-65 5.0	-65 3927		
	21 25 10	-65 5.0	-64 4142		
	21 25 10	-65 5.0	21 25 39 -65 8.4	21 33 20	-64 39.0
	Δα = 145″	Δ δ = 18.7′	21 23 14 -64 49.7		
	= 14.8 mm	= 19.0 mm			
48	21 24 50	-64 4.9	-64 4155		
	21 24 50	-64 4.9	-63 4683		
	21 24 50	-64 4.9	21 30 28 -64 19.5	21 32 52	-63 38.9
	Δα = 319″	Δ δ = 32.5′	21 25 9 -63 41.0		
	= 34.0 mm	= 34.4 mm			
49	21 25 46	-64 0.1			
	21 25 46	-64 0.1			
	21 25 46	-64 0.1		21 33 47	-63 34.1
50	21 27 44	-64 1.1			
	21 27 44	-64 1.1			
	21 27 44	-64 1.1		21 35 43	-63 34.9
52	21 28 3	-63 47.2			
	21 28 3	-63 47.2			
	21 28 3	-64 47.2		21 36 01	-64 21.0
296	21 22 45	-63 10.2	-63 4687		
	21 22 45	-63 10.2	-63 4673		
	21 22 45	-63 10.2	21 27 36 -63 246	21 30 43	-62 44.4
	Δα = 434″	Δ δ = 29.8′	21 20 42 -62 54.8		
	= 39.0 mm	= 31.0 mm			

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	α			δ		COMP. STARS				α			δ	
297	21	24	53	−63	7.3	21	27	56	−63 24.6					
	21	24	54	−63	7.3	21	20	42	−62 54.8					
	21	24	54	−63	7.3					21	32	50	−62	41.3
82	21	26	5	−63	8.7									
	21	26	6	−63	8.7									
	21	26	6	−63	8.7					21	34	01	−62	42.6
87	21	27	12	−63	11.0									
	21	27	13	−63	11.0									
	21	27	13	−63	11.0					21	35	07	−62	44.8
135	21	27	21	−62	58.2									
	21	27	22	−62	58.2									
	21	27	22	−62	58.2					21	35	08	−62	32.0
91	21	27	56	−62	57.6									
	21	27	56	−62	57.7									
	21	22	56	−62	57.7					21	30	46	−62	31.9
105	21	26	3	−62	28.0	−62 6248								
	21	26	3	−62	27.9	−62 6242								
	21	26	3	−62	27.9	21	20	18	−62 42.1	21	33	51	−62	1.9
	Δα = 270″			Δ δ = 31.5′		21	25	48	−62 10.6					
	= 30.2 mm			= 33.0 mm										
109	21	27	12	−62	26.6									
	21	27	13	−62	26.5									
	21	27	12	−62	26.6					21	34	58	−62	0.4

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NEB.	α	δ	COMP. STARS	α	δ
113	21 27 37	−62 24.2	21 30 18 −62 42.1		
	21 27 37	−62 24.1	21 25 48 −62 10.6		
	21 27 37	−62 24.2		21 35 23	−61 58.0
108	21 28 13	−62 32.4			
	21 28 13	−62 32.3			
	21 28 13	−62 32.4		21 35 58	−62 b.1
100	21 29 33	−62 41.3			
neb?	21 29 33	−62 41.3			
	21 29 33	−62 41.3		21 37 17	−62 14.9
116	21 29 42	−62 19.5			
	21 29 42	−62 19.4			
	21 29 42	−62 19.4		21 37 26	−61 53.0
117	21 30 18	−62 26.6			
	21 30 18	−62 26.5			
	21 30 18	−62 26.6		21 38 02	−62 0.2
111	21 25 2	−62 16.6	−63 4693		
	21 25 3	−62 16.6	−62 6242		
	21 25 2	−62 16.6	21 20 42 −62 54.8	21 32 50	−61 50.6
	Δα = 306″	Δδ = 44.2′	21 25 48 −62 10.6		
	= 27.0 mm	= 44.3 mm			

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	Neb.	α			δ			Comp. Stars	α			δ	
	143	21	25	7	-61	52.7		-62 6246					
		21	25	8	-61	52.7		-61 6560					
8.0		21	25	8	-61	52.7		21 28 55 -62 8.0	21	32	48	-61	26.7
		Δα = 286″			Δ δ = 33.4′			21 24 9 -61 34.6					
		= 32.8 mm			= 35.4 mm								
0.1	135	21	27	1	-61	56.6							
		21	27	2	-61	56.6							
		21	27	2	-61	56.6			21	34	40	-61	30.4
4.9	136	21	27	45	-61	44.6							
		21	27	46	-61	44.6							
		21	27	46	-61	44.6			21	35	24	-61	18.4
53.0	298	21	27	45	-61	43.2							
		21	27	46	-61	43.2							
		21	27	46	-61	43.2			21	35	24	-61	17.0
0.2	144	21	25	21	-61	8.0		-61 6560					
		21	25	22	-61	8.0		-60 7491					
		21	25	22	-61	8.0		21 24 9 -61 34.6	21	33	02	-60	42.0
		Δα = 375″			Δ δ = 50.2′			21 30 24 -60 44.4					
50.6		= 47.0 mm			= 49.0 mm								
	142 //	21	26	5	-61	25.4							
		21	26	6	-61	25.4							
		21	26	6	-61	25.4			21	33	45	-60	59.3

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Neb.	α			δ		Comp. Stars			α		δ
299	21	26	33	-60	53.1	21 24 9	-61	346			
neb?	21	26	33	-60	53.1	21 30 24	-60	444			
	21	26	33	-60	53.1				21	34 08	-60 27.0
148	21	27	33	-61	20.3						
	21	27	33	-61	20.2						
	21	27	33	-61	20.2				21	35 11	-60 54.0
164	21	29	59	-60	55.8						
	21	30	0	-60	55.9						
	21	30	0	-60	55.8				21	37 32	-60 29.4
156	21	30	46	-60	24.1	-60 7493					
neb?	21	30	46	-60	24.1	-60 7488					
	21	30	46	-60	24.1	21 31 11	-60	32.2	21	38 18	-59 57.7
	Δα = 175″			Δδ = 23.9′		21 28 16	-60	8.3			
	= 21.0 mm			= 25.0 mm							
89	21	29	28	-63	11.9	-63 4696					
	21	29	27	-63	11.9	-62 6243					
	21	29	28	-63	11.9	21 32 4	-63	32.4	21	37 20	-62 45.5
	Δα = 359″			Δδ = 45.7′		21 26 5	-62	46.7			
	= 39.0 mm			= 47.8 mm							
90	21	29	32	-63	9.9						
	21	29	33	-63	9.9						
	21	29	32	-63	9.9				21	37 24	-62 43.5
93	21	32	18	-63	6.1						
	21	32	17	-63	6.1						
	21	32	18	-63	6.1				21	40 08	-62 39.5

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		α		δ		COMP. STARS			α		δ	
54		21	31	10	-63	56.5	-64	4155				
		21	31	10	-63	56.5	-63	4696				
27.0		21	31	10	-63	56.5	21 30 28	-64 13.5	21	39	01	-63 30.0
		Δα = 96"			Δδ = 41.1'		21 32 4	-63 32.4				
		= 12.5 mm			= 41.0 mm							
54.0	55	21	31	49	-63	50.9						
		21	31	49	-63	50.9						
		21	31	49	-63	50.9			21	39	39	-63 24.4
39.4	56	21	31	45	-63	48.4						
		21	31	45	-63	48.4						
		21	31	45	-63	48.4			21	39	35	-63 21.9
57.7	39	21	32	40	-64	24.3	-64	4161				
		21	32	40	-64	24.3	-64	4155				
		21	32	40	-64	24.3	21 36 30	-64 52.7	21	40	34	-63 57.7
		Δα = 362"			Δδ = 39.2'		21 30 28	-64 13.5				
		= 37.0 mm			= 41.8 mm							
45.5	300	21	35	31	-64	41.2						
		21	35	31	-64	41.2						
		21	35	31	-64	41.2			21	43	23	-64 14.4
	43	21	30	18	-64	22.1	-64	4156				
	neb?	21	30	18	-64	22.1	-64	4149				
43.5		21	30	18	-64	22.1	21 31 49	-64 36.5	21	38	14	-63 55.7
		Δα = 360"			Δδ = 24.8'		21 25 49	-64 11.7				
		= 43.2 mm			= 29.8 mm							
39.5												

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A6585
NEB.

	α	δ	Comp. Stars	α	δ
67	21 37 58	−63 55.6	−64 4164		
	21 38 0	−63 55.6	−63 4686		
	21 38 0	−63 55.6	21 38 13 −64 26.4	21 45 42	−63 28.6
	Δα = 369″	Δδ = 54.0′	21 32 4 −63 32.4		
	= 37.0 mm	= 54.0 mm			
64	21 34 52	−63 40.4			
	21 34 54	−63 40.4			
	21 34 53	−63 40.4		21 42 39	−63 13.6
74	21 34 14	−63 15.6	−63 4687		
	21 34 13	−63 15.6	−63 4703		
	21 34 14	−63 15.6	21 27 56 −63 24.6	21 42 01	−62 48.8
	Δα = 651″	Δδ = 24.0′	21 38 47 −63 0.6		
	= 75.0 mm	= 20.0 mm			
301	21 32 38	−62 23.6	−63 4703		
	21 32 38	−62 23.7	−62 6246		
	21 32 38	−62 23.6	21 38 47 −63 0.6	21 40 20	−61 57.0
	Δα = 592″	Δδ = 52.6′	21 28 55 −62 8.0		
	= 67.0 mm	= 57.0 mm			
118	21 33 1	−62 34.8			
	21 33 1	−62 34.8			
	21 33 1	−62 34.8		21 40 42	−62 8.1
302	21 32 57	−62 18.1			
	21 32 57	−62 18.2			
	21 32 57	−62 18.2		21 40 39	−61 51.6

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A6585

NEB	α			δ		COMP. STARS				α			δ	
119	21	34	55	−62	47.7	21	38	47	−63	0.6				
	21	34	55	−62	47.7	21	28	55	−62	8.0				
28.6	21	34	55	−62	47.7						21	42	35	−62	20.9
303	21	35	27	−62	14.4										
	21	35	27	−62	14.4										
	21	35	27	−62	14.4						21	42	09	−61	47.6
13.6	128	21	35	59	−62	19.1									
	21	35	59	−62	19.1										
	21	35	59	−62	19.1						21	43	38	−61	52.2
48.8	304	21	36	35	−62	40.3									
	21	36	35	−62	40.3										
	21	36	35	−62	40.3						21	44	14	−62	13.4
	121	21	37	29	−62	26.0									
	21	37	30	−62	26.0										
57.0	21	39	31	−62	26.0						21	47	06	−61	58.8
	138	21	34	16	−61	36.8			−62	6253					
	21	34	17	−61	36.8				−61	6584					
	21	34	16	−61	36.8	21	33	33	−62	2.4	21	41	48	−61	10.0
	Δα = 449″			Δδ = 44.6′		21	41	2	−61	17.8					
8.1	= 57.0 mm			= 40.0 mm											
	133	21	36	38	−61	44.6									
	21	36	38	−61	44.6										
51.6	21	36	38	−61	44.6						21	44	09	−61	17.7

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A 6585
NEB.

	α	δ	Comp. Stars	α	δ
14	21 31 30	-61 4.6	-61 6580		
	21 31 50	-61 4.6	-60 7493		
	21 31 50	-61 4.6	21 36 59 -61 8.3	21 39 24	-60 38.0
	Δα = 348″	Δ δ = 36.1′	21 31 11 -60 32.2		
	= 40.5 mm	= 39.0 mm			
162	21 33 24	-60 47.9			
	21 33 24	-60 47.9			
	21 33 24	-60 47.9		21 40 53	-60 21.2
163	21 33 33	-60 45.6			
	21 33 33	-60 45.6			
	21 33 33	-60 45.6		21 41 02	-60 18.9
147	21 36 29	-61 4.1			
	21 36 29	-61 4.1			
	21 36 29	-61 4.1		21 44 00	-60 37.2
301	21 36 42	-61 3.7			
neb?	21 36 42	-61 3.6			
	21 36 42	-61 3.6		21 44 13	-60 36.7
153	21 33 29	-60 19.2	-60 7501		
	21 33 28	-60 19.2	-60 7488		
	21 33 28	-60 19.2	21 35 27 -60 27.4	21 40 57	-59 52.5
	Δα = 431″	Δ δ = 19.1′	21 28 16 -60 8.3		
	= 52.8 mm	= 22.0 mm			

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A 6585

	NEB.	α	δ	COMP. STARS	α	δ
	151	21 34 35	-60 30.8	-60 7491		
	neb?	21 34 35	-60 30.8	-60 7501		
38.0		21 34 35	-60 30.8	21 30 24 -60 44.4	21 42 03	-60 4.0
		Δα = 303"	Δδ = 17.0'	21 35 27 -60 27.4		
		= 38.0 mm	= 15.0 mm			
	158	21 36 49	-60 49.8	-61 6587		
		21 36 49	-60 49.8	-60 7501		
21.2		21 36 49	-60 49.8	21 41 2 -61 178	21 44 15	-60 22.8
		Δα = 335"	Δδ = 00.4'	21 35 27 -60 27.4		
		= 37.0 mm	= 5.4.0 mm			
18.9	159	21 37 16	-60 51.2			
		21 37 16	-60 51.2			
		21 37 16	-60 51.2		21 44 42	-60 24.2
37.2	3a	21 39 41	-60 43.8			
		21 39 41	-60 43.7			
		21 39 41	-60 43.8		21 47 05	-60 16.6
36.7	305	21 38 31	-62 24.9	-62 6265		
		21 38 31	-62 24.9	-62 6253		
		21 38 31	-62 24.9	21 39 35 -62 40.6	21 46 08	-61 57.8
		Δα = 362"	Δδ = 38.2'	21 33 33 -62 2.4		
52.5		= 39.5 mm	= 42.5 mm			

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A 6585
NEB.

	α	δ	COMP. STARS	α	δ
68	21 38 46	−63 51.1	−64 4164		
	21 38 46	−63 51.0	−63 4705		
	21 38 46	−63 51.0	21 38 13 −64 26.4	21 46 27	−63 23.9
	Δα = 111″	Δδ = 64.4′	21 40 4 −63 22.0		
	= 17.0 mm	= 63.8 mm			
3	21 42 21	−62 3.3	−62 6264		
	21 42 21	−62 3.3	−61 6588		
	21 42 21	−62 3.3	21 38 56 −62 16.4	21 49 35	−61 35.9
	Δα = 213″	Δδ = 32.5′	21 42 29 −61 43.9		
	= 26.0 mm	= 31.0 mm			
278	21 6 37	−62 10.5	−62 6218		
neb?	21 6 36	−62 10.7	−61 6533		
	21 6 36	−62 10.6	21 10 45 −62 50.5	21 14 38	−61 53.0
	Δα = 397″	Δδ = 70.6′	21 4 8 −61 39.9		
	= 49.5 mm	= 69.0 mm			

#

A 7427

A 7427
NEB.

	α	δ	COMP. STARS	α	δ
3	22 21 50	−63 48.4	−64 4257		
	22 21 50	−63 48.4	−63 4800		
	22 21 50	−63 48.4	22 20 27 −64 8.1	22 28 48	−63 17.9
	Δα = 313″	Δδ = 26.6′	22 25 40 −63 41.5		
	= 20.0 mm	= 33.0 mm			

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H 7427

Neb.	α	δ	Comp. Stars	α	δ
2	22 28 22	−62 31.1	−62 6351		
	22 28 22	−62 31.0	−61 6659		
23.9	22 28 22	−62 31.0	22 28 36 −62 47.9	22 35 08	−62 0.3
	Δα = 26″	Δδ = 59.4	22 28 10 −61 48.5		
	= 7.5 mm	= 49.5′			
4	22 46 25	−64 42.6	−65 4091		
	22 46 25	−64 42.5	−64 4304		
35.9	22 46 25	−64 42.6	22 46 16 −64 59.1	22 53 02	−64 10.8
	Δα = 96″	Δδ = 31.1′	22 47 52 −64 28.0		
	= 10.0 mm	= 30.0 mm			
5	22 50 46	−64 45.2	−65 4091		
neb:	22 50 47	−64 45.1	−64 4314		
53.0	22 50 46	−64 45.2	22 46 16 −64 59.1	22 57 17	−64 13.2
	Δα = 743″	Δδ = 16.0′	22 58 39 −64 43.1		
	= 79.5 mm	= 13.8 mm			
1	22 58 38	−61 18.0	−61 6722		
	22 58 38	−61 18.0	−61 6718		
	22 58 38	−61 18.0	22 59 40 −61 44.0	23 4 51	−60 45.7
	Δα = 160″	Δδ = 45.2′	22 57 0 −60 56.8		
	= 10.0 mm	= 46.0 mm			
17.9					
6	23 1 24	−64 57.0	−65 4108		
Star	23 1 23	−64 57.0	−64 4314		
cf. H 14359	~~23 1 24~~	~~−64 57.0~~	23 1 39 −65 1.6		
	Δα = 180″	Δδ = 18.5	22 58 39 −64 43.1		
	= 18.0 mm	= 19.0 mm			

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A7421	α	δ	COMP. STARS	α	δ
NEB.	23 16 25	-64 24.9	-64 4337		
8	23 16 25	-64 24.9	-64 4348		
	23 16 25	-64 24.9	23 12 14 -64 38.8	23 22 26	-63 52.1
	Δα = 390″	Δδ = 29.5′	23 18 44 -64 9.3		
	= 45.0 mm	= 25.5 mm			

#

A7500

A7500							
NEB.	α	δ	COMP. STARS				
27	22 1 27	-57 20.2	-57 10056				
	22 1 26	-57 20.2	-57 10020				
	22 1 26	-57 20.2	22 4 29 -57 44.3	22 8 17	-56 51.3		
	Δα = 459″	Δδ = 43.7′	21 56 30 -57 0.6				
	= 65.3 mm	= 39.4 mm					
28	22 2 59	-57 46.6	-58 7926				
	22 2 59	-57 46.6	-57 10056				
	22 2 59	-57 46.6	22 0 47 -58 21.4	22 9 48	-57 17.6		
	Δα = 222″	Δδ = 37.1′	22 4 29 -57 44.3				
	= 27.0 mm	= 39.5 mm					
29	22 3 40	-58 50.6	-59 7776				
	22 3 39	-58 50.6	-58 7926				
	22 3 40	-58 50.6	22 6 4 -59 2.6	22 10 33	-58 21.5		
	Δα = 317″	Δδ = 41.2′	22 0 47 -58 21.4				
	= 43.8 mm	= 38.4 mm					
37	22 4 48	-58 41.0					
	22 4 48	-58 40.9					
	22 4 48	-58 41.0		22 11 40	-58 11.8		

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1930phae.proj..23290

A7500	α			δ			Comp. Stars			α			δ		
NEB.	22	2	48	-59	27.9		-59 7780								
30	22	2	48	-59	27.9		-59 7769								
52.1	22	2	48	-54	27.9		22 7 46 -59 47.3			22	9	46	-58	58.9	
	Δα = 352″			Δδ = 24.4′			22 1 54 -59 22.9								
	= 46.0 mm			= 22.1 mm											
31	22	4	49	-56	49.4		-57 10072								
	22	4	48	-56	49.5		-56 9820								
	22	4	48	-56	49.4		22 8 51 -57 22.8			22	11	32	-56	20.2	
	Δα = 352″			Δδ = 39.8			22 2 59 -56 43.0								
	= 50.0 mm			= 37.0 mm											
51.3															
32	22	6	9	-57	4.5										
neb?	22	6	9	-57	4.5										
	22	6	9	-57	4.5					22	12	57	-56	35.3	
36	22	7	27	-56	45.2										
17.6	22	7	27	-56	45.1										
	22	7	27	-56	45.2					22	14	09	-56	15.8	
35	22	7	26	-57	34.4		-57 10056								
neb?	22	7	26	-57	34.3		-57 10072								
	22	7	26	-57	34.4		22 4 29 -57 44.3			22	14	12	-57	5.0	
21.5	Δα = 262″			Δδ = 21.5′			22 8 51 -57 22.8								
	= 34.0 mm			= 24.2 mm											
11.8															

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124

A7500

Neb.	α	δ	Comp Stars	α	δ
58	22 11 3	-55 27.5	-55 9833		
mb?	22 11 3	-55 27.4	-55 9819		
	22 11 3	-55 27.4	22 17 5 -55 46.5	22 17 38	-54 57.7
	Δα = 445″	Δδ = 21.2′	22 9 40 -55 25.3		
	= 64.0 mm	= 19.8 mm			
5	22 11 11	-55 31.7			
	22 11 10	-55 31.7			
	22 11 10	-55 31.7		22 17 45	-55 2.0
6	22 17 1	-55 31.2			
	22 17 0	-55 31.2			
	22 17 0	-55 31.2		22 23 30	-55 1.0
38	22 9 9	-57 6.5	-57 10072		
	22 9 9	-57 6.5	-57 10084		
	22 9 9	-57 6.5	22 8 51 -57 22.8	22 15 53	-56 36.9
	Δα = 486″	Δδ = 22.1′	22 16 57 -57 0.7		
	= 65.8 mm	= 23.0 mm			
39	22 9 39	-57 16.1			
	22 9 39	-57 16.1			
	22 9 39	-57 16.1		22 16 23	-56 46.5
51	22 13 10	-57 7.9			
	22 13 9	-57 7.9			
	22 13 10	-57 7.9		22 19 51	-56 38.0

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1930phae.proj.2329w

A7500

Neb.	α	δ	Comp Stars	α	δ
52	22 13 58	-57 18.5			
	22 13 57	-57 18.5			
7.7	22 13 58	-57 18.0		22 20 39	-56 48.6
53	22 13 58	-57 6.5			
	22 13 57	-57 6.5			
	22 13 58	-57 6.5		22 20 39	-56 36.6
.0 40	22 10 51	-56 33.6	-56 9850		
	22 10 51	-56 33.6	-55 9833		
	22 10 51	-56 33.6	22 9 16 -56 41.3	22 17 30	-56 3.9
	Δα = 469″	Δδ = 54.8′	22 17 5 -55 46.5		
1.0	= 64.0 mm	= 57.0 mm			
59	22 15 26	-55 59.8			
	22 15 26	-55 59.9			
36.9	22 15 26	-55 59.8		22 21 58	-55 29.8
60	22 16 21	-55 51.8			
	22 16 20	-55 51.8			
	22 16 20	-55 51.8		22 22 51	-55 21.7
46.5 1	22 16 50	-55 16.1	-55 9829		
	22 16 49	-55 16.1	-55 9849		
	22 16 50	-55 16.1	22 15 38 -55 3.14	22 23 20	-54 45.9
	Δα = 586″	Δδ = 25.7′	22 25 24 -55 5.7		
38.0	= 85.0 mm	= 26.0 mm			
62	22 17 1	-55 11.6			
	22 16 59	-55 11.6			
	22 17 0	-55 11.6		22 23 30	-54 41.4

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126

A7500
NEB.

	α	δ	Comp. Stars	α	δ
63	22 20 56	-55 12.6	22 15 38 -55 31.4		
	22 20 55	-55 12.6	22 25 24 -55 5.7		
	22 20 56	-55 12.6		22 27 23	-54 42.2
4	22 21 2	-55 10.5			
	22 21 2	-55 10.7			
	22 21 2	-55 10.6		22 27 29	-54 40.2
3	22 19 20	-55 36.7	-55 9833		
	22 19 20	-55 36.7	-55 9844		
	22 19 20	-55 36.7	22 17 5 -55 46.5	22 25 48	-55 6.4
	Δα = 199″	Δδ = 31.0′	22 20 24 -55 15.5		
	= 28.0 mm	= 31.8 mm			
48	22 12 6	-57 52.8	-58 7933		
	22 12 6	-57 52.7	-57 10085		
	22 12 6	-57 52.8	22 7 48 -58 3.8	22 18 48	-57 23.0
	Δα = 632″	Δδ = 44.3′	22 18 20 -57 19.5		
	= 89.2 mm	= 47.3 mm			
49	22 12 2	-57 43.2			
	22 12 2	-57 43.2			
	22 12 2	-57 43.2		22 18 44	-57 13.4
50	22 12 29	-57 35.2			
	22 12 29	-57 35.2			
	22 12 29	-57 35.2		22 19 11	-57 5.4
57	22 16 23	-57 25.0			
	22 16 24	-57 24.9			
	22 16 24	-57 25.0		22 23 03	-56 54.9

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A1500

NEB.	α	δ	COMP. STARS	α	δ
43	22 8 09	-59 2.6	-59 7776		
	22 8 59	-59 2.6	-58 7950		
2.2	22 8 59	-59 2.6	22 6 4 -59 2.6	22 15 52	-58 33.1
	Δα = 672″	Δδ = 29.5′	22 17 16 -58 33.1		
	= 86.5 mm	= 22.7 mm			
40.2	42 22 9 11	-58 39.6			
	22 9 11	-58 39.6			
	22 9 11	-58 39.6		22 16 00	-58 10.1
6.4	46 22 10 8	-58 35.8			
	22 10 9	-58 36.0			
	22 10 8	-58 36.0		22 16 56	-58 6.4
	47 22 11 14	-58 36.9			
	22 11 14	-58 36.9			
23.0	22 11 14	-58 36.9		22 18 01	-58 7.2
	41 22 9 8	-58 7.0	-58 7937		
	22 9 8	-58 7.0	-58 7933		
	22 9 8	-58 7.0	22 10 17 -58 44.4	22 15 57	-57 37.5
	Δα = 149″	Δδ = 40.6	22 7 48 -58 3.8		
13.4	= 21.5 mm	= 40.0 mm			
	54 22 14 59	-58 9.0	-58 7937		
	22 15 0	-58 9.0	-57 10086		
5.4	22 15 0	-58 9.0	22 10 17 -58 44.4	22 21 44	-57 39.0
	Δα = 500″	Δδ = 57.8′	22 18 42 -57 4.6		
	= 65.2 mm	= 59.5 mm			
54.9					

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128

A 7500

NEB.

	α	δ	Comp. Stars	α	δ
56	22 16 1	-58 12.8	22 10 17 -58 44.4		
	22 16 2	-58 12.8	22 18 42 -57 46.6		
	22 16 2	-58 12.8		22 22 45	-57 42.7
44	22 9 5	-60 3.9	-60 7566		
	22 9 4	-60 3.8	-59 7780		
	22 9 4	-60 3.8	22 18 10 -60 17.2	22 16 01	-59 34.3
	Δα = 624"	Δδ = 29.9'	22 7 76 -59 47.3		
	= 78.8 mm	= 28.0 mm			
45	22 11 34	-59 56.4			
	22 11 34	-59 56.4			
	22 11 34	-59 56.4		22 18 25	-59 26.7
55	22 15 11	-59 18.4	-59 7796		
	22 15 11	-59 18.4	-58 7937		
	22 15 11	-59 18.4	22 16 51 -59 19.4	22 21 59	-58 48.4
	Δα = 394"	Δδ = 33.0'	22 10 17 -58 44.4		
	= 51.5 mm	= 34.0 mm			
64	22 19 38	-55 50.2	-56 9896		
	22 19 38	-55 50.2	-55 9893		
	22 19 38	-55 50.2	22 23 12 -56 30.0	22 26 06	-55 19.8
	Δα = 364"	Δδ = 43.5'	22 17 5 -55 46.5		
	= 51.5 mm	= 43.7 mm			
68 neb?	22 23 5	-55 57.5			
	22 23 5	-55 57.5			
	22 23 5	-55 57.5		22 29 30	-55 27.0

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A 7500

NEB.	α	δ	COMP. STARS	α	δ
11	22 18 46	-56 32.6	-56 9882		
	22 18 46	-56 32.6	-56 9889		
12.7	22 18 46	-56 32.6	22 18 10 -56 36.6	22 25 19	-56 2.3
	Δα = 77″	Δδ = 9.8″	22 19 27 -56 26.8		
	= 10.8 mm	= 9.8 mm			
4.3					
65	22 18 17	-56 58.2	-57 10088		
neb?	22 18 17	-56 58.2	-56 9882		
	22 18 17	-56 58.2	22 20 10 -57 8.5	22 24 51	-56 28.0
	Δα = 120″	Δδ = 31.9′	22 18 10 -56 36.6		
	= 18.0 mm	= 32.5 mm			
6.7					
12	22 19 34	-57 43.6	-57 10086		
	22 19 34	-57 43.6	-57 10096		
	22 19 34	-57 43.6	22 18 42 -57 46.6	22 26 10	-57 13.2
	Δα = 273″	Δδ = 5.5′	22 23 15 -57 41.1		
18.4	= 36.5 mm	= 5.5 mm			
69	22 21 26	-57 34.9	-58 7970		
	22 21 25	-57 34.9	-57 10088		
	22 21 26	-57 34.9	22 28 2 -57 53.7	22 28 01	-57 4.5
	Δα = 472″	Δδ = 45.2′	22 20 10 -57 8.5		
19.8	= 61.2 mm	= 46.3 mm			
78	22 24 50	-57 34.4			
	22 24 49	-57 34.3			
	22 24 50	-57 34.4		22 31 22	-57 3.8
7.0					
79	22 24 50	-57 22.7			
neb?	22 24 49	-57 22.6			
	22 24 50	-57 22.6		22 31 22	-56 52.0

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H7500

NEB.	α	δ	COMP. STARS	α	δ
18	22 18 46	-59 22.8	-59 7799		
	22 18 46	-59 22.8	-59 7796		
	22 18 46	-59 22.8	22 20 11 -59 50.8	22 25 31	-58 32.5
	Δα = 200″	Δδ = 31.4′	22 16 51 -59 19.4		
	= 25.8 mm	= 31.4 mm			
21	22 19 55	-59 55.8	-60 7566		
	22 19 55	-59 55.8	-59 7799		
	22 19 55	-59 55.8	22 18 10 -60 17.2	22 26 39	-59 25.4
	Δα = 121″	Δδ = 26.4′	22 20 11 -59 50.8		
	= 15.0 mm	= 26.5 mm			
67	22 20 31	-59 41.8	-59 7799		
	22 20 31	-59 41.8	-59 7805		
	22 20 31	-59 41.8	22 20 11 -59 50.8	22 27 15	-59 11.4
	Δα = 299″	Δδ = 43.8′	22 25 10 -59 7.0		
	= 38.2 mm	= 43.8 mm			
72	22 23 31	-59 22.3			
neb?	22 23 31	-59 22.3			
	22 23 31	-59 22.3		22 30 12	-58 51.8
19	22 24 41	-59 33.3			
	22 24 41	-59 33.3			
	22 24 41	-59 33.3		22 31 21	-59 2.7

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A 7500
NEB.

	α	δ	Comp. Stars	α	δ
16	22 22 47	−58 55.2	−59 7805		
	22 22 46	−58 55.2	−58 7955		
2.5	22 22 46	−58 55.2	22 25 10 −59 7.0	22 29 24	−58 24.7
	Δα = 404″	Δδ = 23.6′	22 18 26 −58 43.4		
	= 52.8 mm	= 24.0 mm			
17	22 22 48	−58 55.2			
	22 22 48	−58 55.2			
25.4	22 22 48	−58 55.2		22 29 25	−58 24.7
71	22 23 37	−59 5.0			
	22 23 36	−59 5.0			
	22 23 36	−59 5.0		22 30 17	−58 34.5
14 73	22 23 35	−60 1.1	−60 7572		
	22 23 35	−60 1.1	−59 7799		
	22 23 35	−60 1.1	22 26 23 −60 4.0	22 30 19	−59 30.5
	Δα = 372″	Δδ = 13.2″	22 20 11 −59 508		
	= 46.5 mm	= 13.5 mm			
31.8	74 22 24 7	−60 2.5			
	22 24 7	−60 2.6			
	22 24 7	−60 2.6		22 30 50	−59 32.0
7	25 22 25 43	−59 27.8	−59 7822		
	22 25 44	−59 27.8	−59 7805		
	22 25 44	−59 27.8	22 33 46 −59 30.0	22 32 23	−58 57.2
	Δα = 518″	Δδ = 43.0′	22 25 10 −59 7.0		
	= 64.8 mm	= 45.5 mm			

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A 7500
NEB.

	α			δ			Comp. Stars				α			δ	
75.	22	26	13	−59	38.2		22	33	48	−59 50.0					
ref?	22	26	12	−59	38.2		22	25	10	−59 7.0					
	22	26	12	−59	38.2						22	32	51	−59	7.6
26.	22	26	8	−59	26.8										
	22	26	8	−59	26.8										
	22	26	8	−59	26.8						22	32	47	−58	56.2
76.	22	27	3	−59	34.4										
ref?	22	27	4	−59	34.4										
	22	27	4	−59	34.4						22	33	42	−59	3.7
81.	22	29	16	−59	41.5										
ref?	22	29	16	−59	41.5										
	22	29	16	−59	41.5						22	35	43	−59	10.7
82	22	31	36	−59	28.8										
	22	31	36	−59	28.8										
	22	31	36	−59	28.8						22	38	10	−58	57.9
71	22	25	25	−58	50.2		−59	7805							
	22	25	24	−58	50.1		−58	7981							
	22	25	24	−58	50.2		22	25	10	−59 7.0	22	32	00	−58	19.6
	Δα = 597″			Δ δ = 45.3′			22	24	7	−58 21.7					
	= 71.5 mm			= 43.0 mm											
83.	22	28	33	−58	27.0										
	22	28	33	−58	27.0										
	22	28	33	−58	27.0						22	35	07	−57	56.3

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A 7500
NEB.

	α	δ	Comp. Stars	α	δ
84.	22 29 3	-58 32.3			
	22 29 3	-58 32.2			
7.6	22 29 3	-58 32.2		22 35 35	-58 1.4
91.	22 32 49	-58 55.4			
	22 32 48	-58 55.4			
56.2	22 32 48	-58 55.4		22 39 17	-58 24.3
23	22 24 57	-56 16.1	-56 9889		
	22 24 57	-56 16.0	-56 9916		
3.7	22 24 57	-56 16.0	22 19 27 -56 268	22 31 25	-55 45.4
	Δα = 630″	Δδ = 25.6′	22 29 57 -56 1.2		
	= 88.0 mm	= 24.2 mm			
10.7	22 25 11	-56 17.1			
24	22 25 11	-56 17.0			
	22 25 11	-56 17.0		22 31 39	-55 46.4
57.9	22 25 53	-56 21.3			
22	22 25 53	-56 21.3			
	22 25 53	-56 21.3		22 32 20	-55 0.7
9.6	22 25 41	-55 24.2	-56 9916		
80	22 25 41	-55 24.2	-55 9849		
	22 25 41	-55 24.2	22 29 57 -56 1.2	22 32 05	-54 53.6
	Δα = 274″	Δδ = 55.5′	22 25 29 -55 57		
	= 37.5 mm	= 57.0 mm			
56.3	22 29 43	-55 27.2			
86	22 29 43	-55 27.1			
	22 29 43	-55 27.2		22 36 03	-54 56.4

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H 7300
NEB.

	α	δ	Comp. Stars	α	δ
15	22 30 59	-58 13.4	-58 7981		
	22 31 0	-58 13.3	-57 10096		
	22 31 0	-58 13.4	22 34 7 -58 21.7	22 37 31	-57 42.5
	Δα = 652″	Δδ = 40.6′	22 23 15 -57 41.1		
	= 85.0 mm	= 43.8 mm			
90	22 32 43	-57 50.1			
neb?	22 32 45	-57 50.2			
	22 32 44	-57 50.2		22 39 10	-57 19.1
13	22 31 25	-57 38.1	-57 10107		
	22 31 20	-57 38.0	-56 9942		
	22 31 25	-57 38.0	22 29 49 -57 42.9	22 37 52	-57 7.1
	Δα = 504″	Δδ = 53.9′	22 38 13 -56 49.0		
	= 71.0 mm	= 51.0 mm			
87	22 31 35	-57 4.3			
	22 31 37	-57 4.3			
	22 31 36	-57 4.3		22 38 02	-56 33.3
88	22 32 18	-57 13.9			
neb?	22 32 19	-57 13.8			
	22 32 18	-57 13.8		22 38 44	-56 42.8
89	22 33 0	-56 50.5			
neb?	22 33 1	-56 50.6			
	22 33 0	-56 50.6		22 39 21	-56 19.5

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H 7500

NEB.	α	δ	COMP. STARS	α	δ
85	22 28 17	-57 4.0	-57 10113		
	22 28 16	-57 4.1	-57 10093		
42.5	22 28 16	-57 4.0	22 32 54 -57 32.8	22 34 46	-56 33.3
	Δα = 669″	Δδ = 31.5′	22 21 50 -57 1.3		
	= 90.0 mm	= 34.0 mm			
10	22 31 3	-55 54.2	-56 9940		
	22 31 3	-55 54.1	-55 9866		
19.1	22 31 3	-55 54.2	22 37 35 -56 13.7	22 37 22	-55 23.3
	Δα = 470″	Δδ = 66.6′	22 29 45 -55 7.1		
	= 63.0 mm	= 72 mm			
7.1	8 22 36 28	-56 1.8			
	22 36 28	-56 1.9			
	22 36 28	-56 1.8		22 42 47	-55 30.5
	7 22 36 43	-55 12.2			
	22 36 43	-55 12.3			
33.3	22 36 43	-55 12.2		22 42 57	-54 40.8
	5 22 27 2	-54 45.9	-55 9849		
	22 27 2	-54 45.9	-54 10098		
12.8	22 27 2	-54 45.9	22 25 24 -55 5.7	22 33 24	-54 15.2
	Δα = 180″	Δδ = 23.4′	22 28 24 -54 42.3		
	= 26.5 mm	= 23.0 mm			
19.5	6 22 28 51	-54 52.5			
	22 28 50	-54 52.5			
	22 28 50	-54 52.5		22 35 11	-54 21.7

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H 7500

NEB.	α	δ	COMP. STARS	L	S
9	22 36 50	-56 33.1	-56 9942		
	22 36 50	-56 33.1	-56 9928		
	22 36 50	-56 33.1	22 38 13 -56 49.0	22 43 07	-56 1.8
	Δα = 226"	Δδ = 29.7'	22 34 27 -56 19.3		
	= 29.8 mm	= 31.7			
20	22 36 58	-59 57.5	-60 7582		
	22 36 58	-59 57.5	-59 7822		
	22 36 58	-59 57.5	22 37 2 -59 09.2	22 43 26	-59 26.1
	Δα = 194"	Δδ = 9.2'	22 33 48 -59 50.0		
	= 24.0 mm	= 10.5 mm			
92	22 41 30	-58 48.8	-59 7835		
	22 41 30	-58 48.9	-58 7997		
	22 41 30	-58 48.8	22 44 54 -59 37.8	22 47 49	-58 17.2
	Δα = 300"	Δδ = 68.3'	22 39 54 -58 29.5		
	= 33.8 mm	= 72.0 mm			
93	22 42 14	-59 21.2			
	22 42 14	-59 21.2			
	22 42 14	-59 21.2		22 48 36	-58 49.5
94	22 43 43	-58 36.6			
	22 43 43	-58 36.6			
	22 43 43	-58 36.6		22 50 00	-58 4.8

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	Neb.	α	δ	Comp. Stars	α	δ
	7	13 1 14	−44 41.0	−44 6211		
		13 1 14	−44 41.0	−44 6226		
1.8		13 1 14	−44 41.0	13 1 3 −44 46.0	13 6 56	−45 13.3
		Δα = 85″	Δδ = 24.8″	13 2 28 −44 23.2		
		= 19.0 mm	= 26.5 mm			
	1	13 3 39	−47 25.2	−47 5857		
		13 3 39	−47 25.2	−46 6196		
26.1		13 3 39	−47 25.2	13 1 37 −47 30.8	13 9 26	−47 57.2
		Δα = 150″	Δδ = 29.6′	13 4 7 −47 1.2		
		= 24.0 mm	= 31.5 mm			
	2	13 3 42	−47 25.2			
		13 3 42	−47 25.2			
17.2		13 3 42	−47 25.2		13 9 29	−47 57.2
	3	13 3 37	−47 41.7	−47 5875		
		13 3 37	−47 41.7	−47 5857		
		13 3 37	−47 41.7	13 3 37 −47 59.3	13 9 24	−48 17.7
		Δα = 120″	Δδ = 28.5′	13 1 37 −47 30.8		
49.5		= 20.0 mm	= 27.5 mm			
	4	13 4 21	−45 54.3	−46 6207		
		13 4 21	−45 54.3	−45 6255		
4.8		13 4 21	−45 54.3	13 5 22 −46 45.3	13 10 06	−46 26.3
		Δα = 87″	Δδ = 86.4′	13 3 55 −45 18.9		
		= 20.0 mm	= 86.4 mm			
	5	13 4 51	−46 27.4			
		13 4 51	−46 27.4			
		13 4 51	−46 27.4		13 10 37	−46 59.4

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NEB.

	α			δ			Comp. Stars					α			δ	
6	13	5	0	-45	40.9		13	5	22	-46	45.3					
	13	5	0	-45	40.9		13	3	55	-45	18.9					
	13	5	0	-45	40.9							13	10	46	-46	12.9
8	13	5	44	-44	30.9			-44	6265							
	13	5	43	-44	30.8			-44	6226							
	13	5	44	-44	30.8		13	8	6	-44	39.1	13	11	29	-45	2.8
	Δα = 338"			Δδ = 15.9'			13	2	28	-44	23.2					
	= 51.0 mm			= 26.0												
9	13	6	41	-46	53.2			-46	6196							
	13	6	41	-46	53.2			-46	6252							
	13	6	41	-46	53.2		13	4	7	-47	1.2	13	12	29	-47	25.2
	Δα = 282"			Δ δ = 41.6'			13	8	49	-46	19.6					
	= 46.5 mm			= 44.2 mm												
12	13	7	57	-46	19.7											
	13	7	57	-46	19.8											
	13	7	57	-46	19.8							13	13	45	-46	51.8
10	13	6	47	-47	11.9			-48	5411							
	13	6	47	-47	11.9			-46	6196							
	13	6	47	-47	11.9		13	8	50	-46	25.4	13	12	36	-47	4.9
	Δα = 283"			Δ δ = 84.2'			13	4	7	-47	1.2					
	= 51.8 mm			= 83.0 mm												

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	NEB.	α	δ	COMP. STARS	α	δ
	11	13 8 6	-45 37.3	-45 6328		
		13 8 6	-45 37.4	-45 6292		
12.9		13 8 6	-45 37.4	13 11 20 -45 37.0	13 13 53	-46 9.4
		Δα = 221″	Δ δ = 44.6′	13 7 39 -45 12.4		
		= 29.0 mm	= 56.8 mm			
2.8	13	13 8 28	-45 24.8			
		13 8 28	-45 24.8			
		13 8 28	-45 24.8		13 14 15	-45 56.8
	14	13 8 55	-45 30.6			
		13 8 55	-45 30.7			
25.2		13 8 55	-45 30.6		13 14 43	-46 2.6
	15	13 8 59	-45 29.9			
		13 8 59	-45 29.9			
		13 8 59	-45 29.9		13 14 47	-46 1.9
51.8	16	13 10 23	-45 17.0			
		13 10 23	-45 17.0			
		13 10 23	-45 17.0		13 16 11	-45 49.0
43.9	17	13 9 17	-46 36.6	-46 6280		
		13 9 16	-46 36.5	-46 6252		
		13 9 16	-46 36.6	13 11 51 -47 3.8	13 15 05	-47 8.6
		Δα = 182″	Δ δ = 44.2′	13 8 49 -46 19.6		
		= 33.0 mm	= 43.0 mm			

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NEB.

	α	δ	Comp. Stars	α	δ
18	13 8 7	-48 59.7	-49 5815		
	13 8 7	-48 59.7	-48 5411		
	13 8 7	-48 59.7	13 6 13 -49 31.9	13 13 59	-49 31.7
	Δα = 157″	Δδ = 66.5′	13 8 50 -48 25.4		
	= 23.5 mm	= 62.0 mm			
19	13 9 9	-47 50.8	-48 5411		
	13 9 9	-47 50.8	-46 6280		
	13 9 9	-47 50.8	13 8 50 -48 22.4	13 15 00	-48 22.8
	Δα = 181″	Δδ = 81.6′	13 11 51 -47 3.8		
	= 28.0 mm	= 83.8 mm			
22	13 11 32	-48 17.7			
	13 11 33	-48 17.8			
	13 11 32	-48 17.8		13 17 26	-48 49.6
24	13 11 32	-47 8.4			
	13 11 33	-47 8.4			
	13 11 32	-47 8.4		13 17 24	-47 40.3
20	13 10 40	-45 22.6	-46 6252		
	13 10 40	-45 22.5	-45 6339		
	13 10 40	-45 22.6	13 8 49 -46 19.6	13 16 28	-45 54.6
	Δα = 216″	Δδ = 65.3′	13 12 25 -45 14.3		
	= 37.0 mm	= 67.5 mm			
25	13 12 2	-46 17.2			
	13 12 2	-46 17.3			
	13 12 2	-46 17.2		18 17 52	-46 49.1

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NEB.	α	δ	COMP. STARS	α	δ
21	13 11 44	-44 41.1	-45 6339		
	13 11 44	-44 41.2	-44 6291		
31.7	13 11 44	-44 41.2	13 12 25 -45 14.3	13 17 32	-45 13.0
	Δα = 101″	Δδ = 63.7	13 10 44 -44 10.6		
	= 11.0 mm	= 50.0 mm			
23	13 11 32	-49 29.6	-49 5815		
	13 11 32	-49 29.6	-49 5926		
2.8	13 11 32	-49 29.6	13 6 13 -49 34.9	13 17 27	-50 1.4
	Δα = 393	Δδ = 10.7	13 12 46 -49 21.2		
	= 64.0 mm	= 7.0 mm			
26	13 12 6	-46 41.6	-46 6280		
	13 12 6	-46 41.6	-46 6304		
19.6	13 12 6	-46 41.6	13 11 51 -47 3.8	13 17 56	-47 13.5
	Δα = 193″	Δδ = 42.5′	13 15 4 -46 21.3		
	= 32.0 mm	= 44.0 mm			
403	21 13 13 5	-46 31.0			
	13 13 5	-46 31.0			
	13 13 5	-46 31.0		13 18 56	-47 7.8
54.6	20 13 13 7	-46 44.0			
	13 13 7	-46 44.0			
	13 13 7	-46 44.0		13 18 58	-47 15.8
	29 13 13 8	-46 47.9			
	13 13 8	-46 47.9			
9.1	13 13 8	-46 47.9		13 18 59	-47 19.7

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NEB.

	α			δ			Comp. Stars						α			δ		
34	13	14	4	-46	45.5		13	11	51	-47	3.8							
	13	14	5	-46	45.5		13	15	4	-46	21.3							
	13	14	4	-46	45.5								13	19	56	-47	17.3	
37	13	14	38	-46	41.1													
	13	14	38	-46	41.1													
	13	14	38	-46	41.1								13	20	51	-47	12.8	
27	13	12	29	-47	47.2		-47	5983										
	13	12	28	-47	47.3		-46	6280										
	13	12	28	-47	47.2		13	17	5	-48	2.4		13	18	21	-48	19.1	
	Δα = 314"			Δδ = 58.6'			13	11	51	-47	3.8							
	= 54.5 mm			= 57.5 mm														
28	13	13	38	-47	47.1													
	13	13	38	-47	47.2													
	13	13	38	-47	47.2								13	18	31	-48	19.0	
35	13	14	18	-47	8.9													
	13	14	18	-47	8.9													
	13	14	18	-47	8.9								13	20	11	-47	40.7	
38	13	15	39	-47	17.9													
	13	15	39	-47	18.1													
	13	15	39	-47	18.0								13	21	33	-47	49.8	

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	Neb.	α	δ	Comp. Stars	α	δ
	39	13 17 26	-45 17.4	-45 6412		
		13 17 26	-45 17.3	-45 6339		
17.3		13 17 26	-45 17.4	13 21 48 -45 33.5	13 23 18	-45 49.1
		Δα = 563"	Δδ = 19.2'	13 12 25 -45 14.3		
		= 58.0mm	= 25.5mm			
12.8	40	13 17 56	-45 21.5			
		13 17 55	-45 21.4			
		13 17 56	-45 21.5		13 23 48	-45 53.1
19.1	41	13 18 5	-45 17.0			
		13 18 5	-45 16.9			
		13 18 5	-45 17.0		13 23 57	-45 48.6
	42	13 18 29	-45 21.9			
		13 18 29	-45 21.8			
9.0		13 18 29	-45 21.8		13 24 21	-45 53.4
	43	13 20 21	-45 24.1			
		13 20 20	-45 24.0			
40.7		13 20 20	-45 24.0		13 26 14	-45 55.4
	32	13 14 23	-44 18.5	-45 6412		
		13 14 22	-44 18.3	-44 6291		
49.8		13 14 22	-44 18.4	13 21 48 -45 33.5	13 20 10	-44 50.1
		Δα = 664"	Δδ = 82.9	13 10 44 -44 10.6		
		= 68.5mm	= 75.0			

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NEB.

	α			δ		Comp. Stars	α	δ
33	13	15	16	-44	19.0	13 21 48 -45 33.5		
	13	15	16	-44	18.9	13 10 44 -44 10.6		
	13	15	16	-44	19.0		13 21 05	-44 50.6
36	13	16	18	-44	1.4			
	13	16	19	-44	1.2			
	13	16	18	-44	1.3		13 22 08	-44 32.9
44	13	20	50	-44	57.1			
	13	20	49	-44	57.0			
	13	20	50	-44	57.0		13 26 42	-45 28.4
45	13	17	53	-44	14.2	-44 6364		
	13	17	52	-44	14.2	-44 6291		
	13	17	52	-44	14.2	13 23 19 -45 1.2	13 23 43	-44 45.7
	Δα = 755"			Δδ = 50.6		13 10 44 -44 10.6		
	= 125.0 mm			= 35.0 mm				
46	13	18	5	-44	12.1			
	13	18	4	-44	12.0			
	13	18	4	-44	12.0		13 23 55	-44 43.5
47	13	16	34	-49	11.4	-49 6025		
	13	16	34	-49	11.4	-48 5480		
	13	16	34	-49	11.4	13 17 52 -49 18.0	13 22 33	-49 43.0
	Δα = 204"			Δδ = 36.3'		13 14 28 -48 41.7		
	= 34.0			= 36.0				
48	13	16	40	-49	11.9			
	13	16	40	-49	11.9			
	13	16	40	-49	11.9		13 22 39	-49 43.5

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H 12373
NEB.

		α		δ		COMP. STARS	α	δ
50	13	18	27	-45	59.1	-46 6304		
	13	18	27	-45	59.0	-45 6422		
50.6	13	18	27	-45	59.0	13 15 4 -46 21.3	13 24 19	-46 30.6
	Δα = 5'20" = 82.0 mm			Δδ = 41.4" = 32.5 mm		13 23 44 -45 39.9		
32.9								
49	13	18	40	-46	2.2			
	13	18	40	-46	2.1			
	13	18	40	-46	2.2		13 24 34	-46 33.7
38.4								
51	13	18	46	-45	50.8			
	13	18	46	-45	50.7			
	13	18	46	-45	50.8		13 24 39	-46 22.4
45.7								
52	13	18	52	-45	49.5			
	13	18	52	-45	49.5			
	13	18	52	-45	49.5		13 24 45	-46 21.1
61	13	20	56	-45	47.6			
	13	20	56	-45	47.5			
43.5	13	20	56	-45	47.6		13 26 50	-46 19.0
62	13	21	22	-46	8.6			
	13	21	22	-46	8.5			
43.0	13	21	22	-46	8.6		13 27 18	-46 40.0
63	13	21	49	-45	50.8			
	13	21	50	-45	50.7			
	13	21	50	-45	50.8		13 27 45	-46 22.2
43.5								

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	α			δ			Comp. Stars			α			δ	
65	13	22	47	-45	59.1		13 15 4	-46	21.3					
	13	22	47	-45	59.0		13 23 44	-45	39.9					
	13	22	47	-45	59.0					13	28	42	-46	30.4
59	13	19	3	-47	27.3		-47 5983							
	13	19	4	-47	27.3		-47 6053							
	13	19	4	-47	27.3		13 17 5	-48	2.4	13	25	00	-47	58.9
	Δα = 391″			Δ δ = 41.0′			13 23 36	-47	21.4					
	= 66.0 mm			= 41.5 mm										
64	13	20	6	-47	42.6									
	13	20	6	-47	42.6									
	13	20	6	-47	42.6					13	26	03	-48	14.1
71	13	23	1	-47	37.7									
	13	23	1	-47	37.7									
	13	23	1	-47	37.7					13	29	00	-48	9.0
53	13	22	14	-45	18.8		-45 6412							
	13	22	14	-45	18.8		-44 6364							
	13	22	14	-45	18.8		13 21 48	-45	33.5	13	28	09	-45	50.2
	Δα = 91″			Δ δ = 32.3′			13 23 19	-45	1.2					
	= 56.5 mm			= 39.5 mm										
54	13	22	14	-45	25.7									
	13	22	15	-45	25.7									
	13	22	14	-45	25.7					13	28	09	-45	57.1

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A12373
NEB.

	α			δ		Comp. Stars				α			δ	
55	13	22	17	-45	19.6	13	21	48	-45	33.5				
	13	22	17	-45	19.6	13	23	19	-45	1.2				
0.4	13	22	17	-45	19.6						13	28	12	-45	51.0
56	13	22	20	-45	3.3										
	13	22	21	-45	3.2										
58.9	13	22	20	-45	3.2						13	28	15	-45	34.6
57	13	22	25	-45	18.0										
	13	22	25	-45	17.9										
	13	22	25	-45	18.0						13	28	20	-45	49.4
4.1	60	13	22	48	-45	34.7	-45	6422							
	13	22	48	-45	34.7	-45	6412								
	13	22	48	-45	34.7	13	23	44	-45	39.9	13	28	43	-46	6.1
	Δα = 116″			Δ δ = 6.4′		13	21	48	-45	33.5					
90	= 52.0 mm			= 9.8 mm											
58	13	18	53	-46	29.4	-47	5991								
	13	18	54	-46	29.5	-46	6382								
0.2	13	18	54	-46	29.4	13	17	58	-47	15.8	13	24	49	-47	0.9
	Δα = 452″			Δ δ = 62.7′		18	25	30	-46	13.1					
	= 78.5 mm			= 63.0 mm											
73	13	23	20	-46	34.5										
57.1	13	23	21	-46	34.5										
	13	23	20	-46	34.5						13	29	17	-47	5.8

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NEB.

	α			δ		Comp. Stars			α			δ	
74	13	24	41	-46	33.5	13	17	58	-47	15.8			
	13	24	41	-46	33.5	13	25	30	-46	13.1			
	13	24	41	-46	33.5						13	30	39	-47	4.7
70	13	22	0	-48	32.9			-48	3612						
	13	22	0	-48	32.9			-48	5542						
	13	22	0	-48	32.9	13	24	42	-48	50.2	13	28	0	-48	4.2
	Δα = 276"			Δδ = 34.1'		13	20	16	-48	16.1					
	= 41.0 mm			= 29.5 mm											
66	13	20	48	-48	53.5			-48	5544						
	13	20	48	-48	53.5			-48	3612						
	13	20	48	-48	53.5	13	20	24	-49	7.4	13	26	47	-49	24.9
	Δα = 258"			Δδ = 17.2'		13	24	42	-48	50.2					
	= 37.0 mm			= 21.0 mm											
67	13	21	20	-49	1.7										
	13	21	20	-49	1.7										
	13	21	20	-49	1.7						13	27	22	-49	33.1
68	13	21	36	-49	21.6			-49	6188						
	13	21	37	-49	21.0			-48	5544						
	13	21	36	-49	21.0	13	28	30	-49	21.0	13	27	38	-49	52.4
	Δα = 486"			Δδ = 13.6'		13	20	24	-49	7.4					
	= 77.0 mm			= 16.5 mm											
69	13	22	36	-49	20.6										
	13	22	37	-49	20.6										
	13	22	36	-49	20.6						13	28	38	-49	51.9

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AIR373

Neb.		α			δ		Comp. Stars	α			δ	
75	13	24	17	-49	23.1							
	13	24	18	-49	23.1							
4.7	13	24	18	-49	23.1			13	30	22	-49	54.3
72	13	23	26	-47	57.1		-48 5542					
	13	23	26	-47	57.1		-47 6075					
4.2	13	23	26	-47	57.1		13 20 16 -48 16.1	13	29	25	-48	28.3
	Δα = 407"			Δ δ = 60.6'			13 27 3 -47 15.5					
	= 69.5mm			= 60.5mm								
76	13	26	14	-47	44.5							
	13	26	13	-47	44.5							
3.9	13	26	14	-47	44.5			13	32	15	-48	16.6
77	13	26	15	-48	5.6							
	13	26	14	-48	5.6							
	13	26	14	-48	5.6			13	32	17	-48	36.5
3.1	13	26	54	-47	52.1							
	13	26	55	-47	52.1							
	13	26	54	-47	52.1			13	32	55	-48	23.2
S24	13	26	59	-48	58.0		-49 6188					
	13	26	59	-48	58.0		-48 5612					
	13	26	59	-48	58.0		13 28 30 -49 21.0	13	33	02	-49	28.9
	Δα = 228"			Δ δ = 30.8'			13 27 42 -48 30.2					
	= 40.0mm			= 39.5mm								
1.9	13	26	59	-48	57.6							
	13	26	59	-48	57.6							
	13	26	59	-48	57.6			13	33	02	-49	28.5

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H 12373
NEB.

	α			δ			Comp. Stars				α			δ	
81	13	28	49	−44	56.0		−45 6467								
	13	28	49	−44	55.9		−44 6364								
	13	28	49	−44	56.0		13	31	16	−45 55.0	13	34	46	−45	26.9
	Δα = 477″			Δδ = 53.8′			13	23	19	−45 1.2					
	= 84.0mm			= 56.0mm											
98	13	28	54	−45	2.6										
	13	28	54	−45	2.6										
	13	28	54	−45	2.6						13	34	52	−45	33.7
89	13	30	33	−45	35.3										
	13	30	34	−45	35.2										
	13	30	34	−45	35.2						13	36	34	−46	6.1
90	13	31	13	−45	42.5										
	13	31	13	−45	42.5										
	13	31	13	−45	42.5						13	37	13	−46	13.3
84	13	29	40	−47	3.2		−47 6075								
	13	29	40	−47	3.1		−46 6416								
	13	29	40	−47	3.2		13	27	3	−47 15.5	13	35	42	−47	34.2
	Δα = 208″			Δδ = 28.3′			13	20	31	−46 47.2					
	= 36.5mm			= 27.5mm											
85	13	29	51	−47	7.8										
	13	29	51	−47	7.8										
	13	29	51	−47	7.8						13	35	53	−47	38.8

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A12373
NEB.

		α		δ		COMP. STARS	α		δ	
	82	13	29 31	-48	30.9	-48 5671				
		13	29 31	-48	30.9	-47 6128				
6.9		13	29 31	-48	30.9	13 29 40 -48 40.8	13	35 36	-49	1.7
		Δα = 241″		Δδ = 45.2′		13 33 41 -47 55.6				
		= 42.0mm		= 44.2mm						
	83	13	30 34	-48	18.1					
		13	30 35	-48	18.1					
33.7		13	30 34	-48	18.1		13	36 40	-48	48.9
	86	13	30 28	-49	28.3	-49 6247				
		13	30 28	-49	28.3	-49 6188				
6.1		13	30 28	-49	28.3	13 32 31 -49 33.3	13	36 36	-49	59.1
		Δα = 241″		Δδ = 12.3′		13 28 30 -49 21.0				
		= 44.0mm		= 13.5mm						
33	87	13	30 42	-49	28.8					
		13	30 42	-49	28.7					
		13	30 42	-49	28.8		13	36 50	-49	59.6
34.2	88	13	31 6	-49	14.6	-49 6188				
		13	31 6	-49	14.6	-48 5713				
		13	31 6	-49	14.6	13 28 30 -49 21.0	13	37 14	-49	45.4
		Δα = 248″		Δδ = 21.9′		13 32 38 -48 59.1				
		= 42.0mm		= 20.5mm						
38.8										

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1930phae.proj.2329M

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H12373

NEB.

	α	δ	Comp. Stars	α	δ
91	13 31 58	-47 40.0	-47 6128.		
	13 31 58	-47 39.7	-46 6416		
	13 31 58	-47 40.0	13 33 41 -47 55.6	13 38 02	-48 10.8
	Δα = 190″	Δ δ = 60.4′	13 30 31 -46 47.2		
	= 29.5 mm	= 70.0 mm			
92	13 32 1	-47 15.6			
	13 32 1	-47 15.5			
	13 32 1	-47 15.6		13 38 5	-47 46.4
93	13 33 38	-47 47.8			
	13 33 38	-47 47.7			
	13 33 38	-47 47.8		13 39 43	-48 18.5
94	13 34 32	-47 50.2			
	13 34 33	-47 50.2			
	13 34 32	-47 50.2		13 40 38	-48 20.8
95	13 34 53	-46 18.1	-46 6435		
	13 34 53	-46 18.2	-45 6501		
	13 34 53	-46 18.2	13 32 40 -46 27.7	13 40 57	-46 48.8
	Δα = 150″	Δ = 56.5′	13 35 10 -45 31.2		
	= 28.2 mm	= 56.6 mm			
96	13 34 58	-46 17.1			
	13 34 58	-46 17.2			
	13 34 58	-46 17.2		13 41 02	-46 47.8
97	13 35 5	-46 2.5			
	13 35 5	-46 2.4			
	13 35 5	-46 2.4		13 41 9	-46 33.0

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A12295

A12295

Neb.	α	δ	Comp. Stars	α	δ
1	5 0 44	-63 26.0	-63 410		
	5 0 43	-63 26.1	-63 395		
0.8	5 0 44	-63 26.0	5 3 53 -63 43.7	5 1 32	-63 17.3
	Δα = 313″	Δδ = 33.1′	4 58 40 -63 106		
	= 38.0 mm	= 20.0 mm			
5	5 3 37	-63 42.8			
	5 3 36	-63 42.8			
6.4	5 3 36	-63 42.8		5 4 23	-63 34.4
2	5 3 55	-61 37.4	-61 406		
	5 3 55	-61 37.4	-61 402		
2.5	5 3 55	-61 37.4	5 5 10 -61 43.2	5 5 3	-61 29.0
	Δα = 200″	Δδ = 15.3′	5 1 50 -61 27.9		
	= 25.5 mm	= 14.0 mm			
.8	3 5 2 39	-63 52.6	-64 395		
	5 2 40	-63 52.6	-63 410		
	5 2 40	-63 52.6	4 57 53 -64 6.5	5 3 27	-63 44.1
	Δα = 360″	Δδ = 22.8′	5 3 53 -63 43.7		
8.8	= 37.0 mm	= 27.0 mm			
4	5 3 17	-63 17.0	-63 410		
	5 3 18	-63 16.9	-62 411		
	5 3 18	-63 17.0	5 3 53 -63 43.7	5 4 5	-63 8.6
	Δα = 167″	Δδ = 50.4′	5 1 6 -62 53.3		
7.8	= 23.5 mm	= 49.0 mm			
3.0′					

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A1225
NEB.

	α	δ	Comp. Stars	α	δ
6	5 5 6	-63 12.7	-63 417		
	5 5 6	-63 12.7	-62 411		
	5 5 6	-63 12.7	5 5 47 -63 16.7	5 5 52	-63 4.7
	Δα = 281″	Δδ = 23.4′	5 1 6 -62 53.3		
	= 34.0 mm	= 20.5			
7	5 6 12	-64 20.8	-64 419		
	5 6 12	-64 20.7	-63 410		
	5 6 12	-64 20.8	5 9 28 -64 40.1	5 6 46	-64 17.0
	Δα = 335″	Δδ = 56.4′	5 3 53 -63 43.7		
	= 41.8 mm	= 54.0 mm			
8	5 13 52	-62 16.6	-62 446		
	5 13 52	-62 16.6	-62 441		
	5 13 52	-62 16.6	5 14 51 -62 29.7	5 14 48	-62 9.8
	Δα = 143″	Δδ = 15.2′	5 12 28 -62 14.5		
	= 17.0 mm	= 14.5 mm			
9	5 19 10	-63 13.5	-63 458		
	5 19 9	-63 13.4	-63 448		
	5 19 10	-63 13.4	5 25 56 -63 46.5	5 19 54	-63 7.3
	Δα = 482″	Δδ = 41.5	5 17 54 -63 5.0		
	= 57.5 mm	= 40.8 mm			
10	5 22 24	-63 12.9			
not?	5 22 24	-63 12.9			
	5 22 24	-63 12.9		5 23 07	-63 7.2

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A12295
NEB.

		α		δ		COMP. STARS	α		δ	
15		5	20 7	-61	9.3	-61 445				
		5	20 7	-61	9.3	-61 455				
4.7		5	20 7	-61	9.3	5 19 0 -61 16.0	5	21 11	-61	3.3
		Δα = 204″		Δδ = 15.2′		5 22 24 -61 0.8				
		= 24.3 mm		= 15.8 mm						
	16	5	20 28	-61	12.6					
		5	20 28	-61	12.6					
17.0		5	20 28	-61	12.6		5	21 32	-61	6.6
	11	5	31 23	-63	2.4	-63 462				
		5	31 23	-63	2.4	-62 480				
		5	31 23	-63	2.4	5 33 6 -63 19.6	5	32 3	-62	58.2
		Δα = 243″		Δδ = 27.8′		5 29 3 -62 51.8				
9.8		= 27.2 mm		= 28.8 mm						
	12	5	42 25	-62	52.6	-63 475				
		5	42 25	-62	52.6	-62 509				
		5	42 25	-62	52.6	5 41 23 -63 20.3	5	43 17	-62	50.1
		Δα = 93″		Δδ = 49.6′		5 42 56 -62 20.7				
7.3		= 13.7 mm		= 49.2 mm						
	13	5	46 24	-63	54.2	-64 465				
		5	46 23	-63	54.2	-63 485				
		5	46 24	-63	54.2	5 38 14 -64 5.8	5	47 04	-63	52.2
		Δα = 626″		Δδ = 19.9′		5 48 40 -63 48.9				
1.2		= 69.8 mm		= 15.0 mm						

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A12295
NEB.

	α	δ	Comp. Stars	α	δ
14	5 45 10	-61 53.3	-62 509		
	5 45 10	-61 53.2	-61 522		
	5 45 10	-61 53.2	5 42 56 -62 30.7	5 46 10	-61 51.0
	Δα = 209"	Δδ = 47.2'	5 46 25 -61 43.5		
	= 28.0 mm	= 46.0 mm			

A 13125

checked with Plot. L.F.M.

A 13125
NEB.

	α	δ	Comp. Stars	α	δ
1	20 14 51	-24 27.1	-24 16000		
	20 14 51	-24 27.1	-24 15967		
	20 14 51	-24 27.1	20 17 12 -24 49.4	20 20 49	-24 8.7
	Δα = 204"	Δδ = 43.4'	20 13 48 -24 6.0		
	= 47.8 mm	= 41.8 mm			
2	20 15 57	-20 45.9	-21 7636		
	20 15 57	-20 45.7	-20 5699		
	20 15 57	-20 45.8	20 14 56 -21 7.1	20 21 46	-20 8.1
	Δα = 136"	Δδ = 57.0'	20 17 12 -20 10.1		
	= 23.2 mm	= 62.6 mm			
3	20 16 28	-22 29.1	-22 14682		
	20 16 28	-22 29.3	-21 7642		
	20 16 28	-22 29.2	20 17 54 -22 41.0	20 22 21	-22 10.5
	Δα = 131"	Δδ = 57.1'	20 15 43 -21 43.9		
	= 31.8 mm	= 56.8 mm			
5	20 17 27	-21 49.6			
ref?	20 17 27	-21 49.7			
	20 17 27	-21 49.6		20 23 18	-21 30.6

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Neb	α			δ		Comp. Stars				α			δ	
(6)	20	17	42	-22	8.0									
	20	17	41	-22	8.1									
	20	**17**	**42**	**-22**	**8.0**					**20**	**23**	**35**	**-21**	**49.1**
(4)	20	17	27	-21	30.1	-21	7642							
	20	17	27	-21	30.1	-21	7672							
	20	**17**	**27**	**-21**	**30.1**	20	15	43	-21 +3.9	**20**	**23**	**18**	**-21**	**11.1**
	Δx = 233" = 54.0 mm			Δδ = 36.5' = 37.8 mm		20	19	36	-21 7.4					
9	20	18	26	-21	24.8									
	20	18	26	-21	24.8									
	20	**18**	**26**	**-21**	**24.8**					**20**	**24**	**16**	**-21**	**5.7**
10	20	18	51	-21	13.7									
	20	18	51	-21	13.7									
	20	**18**	**51**	**-21**	**13.7**					**20**	**24**	**41**	**-20**	**54.6**
15	20	19	23	-21	26.1									
	20	19	23	-21	26.0									
	20	**19**	**23**	**-21**	**26.0**					**20**	**25**	**13**	**-21**	**6.9**
(16)	20	19	31	-21	20.9									
neb?	20	19	30	-21	20.9									
	20	**19**	**30**	**-21**	**20.9**					**20**	**25**	**20**	**-21**	**1.7**

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H 13125
NEB.

	α			δ			Comp. Stars	α		δ		
7	20	17	49	-23	16.0		-23 16285					
	20	17	49	-23	16.0		-22 14682					
	20	17	49	-23	16.0		20 24 3 -23 32.6	20	23	44	-22	57.0
	Δα = 369"			Δδ = 51.6'			20 17 54 -22 41.0					
	= 85.8 mm			= 50.4 mm								
12	20	18	49	-22	55.4							
	20	18	49	-22	55.5							
	20	18	49	-22	55.4			20	24	42	-22	36.3
13	20	18	51	-23	25.7							
	20	18	51	-23	26.0							
	20	18	51	-23	25.8			20	24	44	-23	6.7
14	20	19	15	-23	15.0							
	20	19	15	-23	15.0							
	20	19	15	-23	15.0			20	25	07	-22	55.8
19	20	20	15	-22	51.4							
	20	20	15	-22	51.5							
	20	20	15	-22	51.4							
20	20	20	28	-23	27.3							
	20	20	28	-23	27.4							
	20	20	28	-23	27.4							
21	20	21	15	-23	20.6							
	20	21	16	-23	20.7							
	20	21	16	-23	20.6							

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NEB.	α			δ		Comp Stars	α	8
24	20	22	28	-23	27.3			
	20	22	29	-23	27.4			
	20	22	28	-23	27.4			
25	20	23	1	-23	9.3			
	20	23	1	-23	9.4			
	20	23	1	-23	9.4			
26	20	23	18	-22	59.6			
	20	23	18	-22	59.7			
	20	23	18	-22	59.6			
27	20	23	20	-22	57.5			
	20	23	20	-22	57.6			
	20	23	20	-22	57.6			
11	20	18	55	-22	39.3	-22 14682		
	20	18	55	-22	39.3	-22 14717		
	20	18	55	-22	39.3	20 17 54 -22 41.0		
	Δ α = 209"			Δ δ = 22.5'		20 21 23 -22 18.5		
	= 48.0 mm			= 23.6 mm				
17	20	20	0	-22	28.3			
	20	20	0	-22	28.3			
	20	20	0	-22	28.3			
18	20	20	13	-22	22.6			
	20	20	13	-22	22.6			
	20	20	13	-22	22.6			

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H 13125
NEB.

NEB.	α			δ		COMP. STARS	α			δ	
22	20	21	10	-21	54.4	-22 14717					
	20	21	10	-21	54.5	-21 7697					
	20	21	10	-21	54.4	20 21 23	-22	18.5			
	Δα = 145″			Δδ = 51.1′		20 23.48	-21	27.4			
	= 33.0 mm			= 52.0 mm							
23	20	22	20	-22	13.6						
neb?	20	22	20	-22	13.6						
	20	22	20	-22	13.6						
(29)	20	23	39	-21	32.8						
not plotted?	20	23	40	-21	32.8						
	20	23	40	-21	32.8						
(8)	20	18	34	-20	32.2	-21 7672					
not plotted?	20	18	34	-20	32.1	-20 5699					
	20	18	34	-20	32.2	20 19 36	-21	7.4			
	Δα = 144″			Δδ = 57.3′		20 17 12	-20	10.1			
	= 42.8 mm			= 61.8 mm							
28	20	23	41	-22	25.3	-22 14762					
	20	23	40	-22	25.3	-22 14717					
	20	23	40	-22	25.3	20 25 2	-22	42.1			
	Δα = 219″			Δδ = 23.6′		20 21 23	-22	18.5			
	= 51.0			= 23.6 mm							

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NEB.	α	δ	COMP. STARS	α
30	20 23 10	-23 48.0	-24 16041	8
	20 23 10	-23 48.0	-23 16285	
	20 23 10	-23 48.0	20 21 19 -24 41.0	
	Δα = 164″	Δδ = 68.4′	20 24 3 -23 32.6	
	= 37.0 mm	= 69.8 mm		
31	20 23 16	-24 8.8		
	20 23 17	-24 8.6		
	20 23 16	-24 8.7		
32	20 24 7	-23 2.8	-23 16285	
	20 24 8	-23 2.8	-22 14762	
	20 24 8	-23 2.8	20 24 3 -23 32.6	
	Δα = 59″	Δδ = 50.5′	20 25 2 -22 42.1	
	= 13.2 mm	= 50.5 mm		
33	20 24 7	-23 12.3		
	20 24 8	-23 12.3		
	20 24 8	-23 12.3		
34	20 24 19	-23 22.8		
	20 24 19	-23 22.8		
	20 24 19	-23 22.8		
35	20 24 34	-23 45.4	-24 16101	
	20 24 34	-23 45.3	-23 16285	
	20 24 34	-23 45.4	20 26 33 -24 17.6	
	Δα = 150″	Δδ = 45.0′	20 24 3 -23 32.6	
	= 34.5 mm	= 46.0 mm		

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NEB.

	α	δ	Comp. Stars	α	δ
36	20 24 57	−24 31.5	−24 16.041		
	20 24 56	−24 31.5	−24 16101		
	20 24 56	**−24 31.5**	20 21 19 −24 41.0		
	Δα = 314″	Δδ = 23.4′	20 26 33 −24 17.6		
	= 71.5 mm	= 23.5 mm			
37	20 25 26	−20 27.0	−21 5.754		
	20 25 27	−20 26.9	−20 5936		
	20 25 26	**−20 27.0**	20 28 7 −20 52.6		
	Δα = 201″	Δδ = 37.2	20 24 46 −20 15.4		
	= 47.5	= 37.7 mm			
38	20 26 2	−20 32.7			
	20 26 2	−20 32.6			
	20 26 2	**−20 32.6**			
39	20 26 18	−20 20.0			
	20 26 18	−20 20.0			
	20 26 18	**−20 20.0**			
46	20 26 19	−20 47.5			
	20 26 19	−20 47.4			
	20 26 19	**−20 47.4**			
44	20 27 16	−20 18.9			
	20 27 16	−20 18.8			
	20 27 16	**−20 18.8**			

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NEB	α	δ	COMP STARS	ℓ	b
47	20 26 17	-21 2.3	-21 7707		
	20 26 17	-21 2.3	-21 5754		
	20 26 17	**-21 2.3**	20 26 13 -21 25.7		
	Δα = 114″	Δδ = 33.1′	20 28 7 -20 52.6		
	= 26.8 mm	= 33.6 mm			
48	20 26 26	-21 11.1			
	20 26 26	-21 11.1			
	20 26 26	**-21 11.1**			
49	20 26 39	-21 30.2	-21 7727		
	20 26 38	-21 30.2	-21 7707		
	20 26 38	**-21 30.2**	20 28 53 -21 47.0		
	Δα = 160″	Δδ = 21.3	20 26 13 -21 25.7		
	= 37.8 mm	= 21.3 mm			
50	20 27 59	-21 48.4			
	20 27 58	-21 40.4			
	20 27 58	**-21 40.4**			
51	20 28 6	-21 28.2			
	20 28 6	-21 28.2			
	20 28 6	**-21 28.2**			
40	20 25 50	-19 42.2	-20 5956		
	20 25 50	-19 42.2	-19 5852		
	20 25 50	**-19 42.2**	20 24 46 -20 15.4		
	Δα = 236″	Δδ = 31.2′	20 28 42 -19 44.2		
	= 55.5 mm	= 31.2 mm			

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A 13125
NEB.

	α			δ		Comp. Stars	α	δ
41	20	25	7	-19	56.2	20 24 46 -20 15.4		
	20	25	7	-19	56.2	20 28 42 -19 44.2		
	20	25	7	-19	56.2			
42	20	26	32	-20	0.7			
	20	26	33	-20	0.7			
	20	26	33	-20	0.7			
43	20	26	32	-20	4.2			
	20	26	33	-20	4.2			
	20	26	32	-20	4.2			
45	20	27	40	-19	55.2			
	20	27	40	-19	55.2			
	20	27	40	-19	55.2			
54	20	27	37	-25	0.1	-25 7133		
	20	27	36	-25	0.1	-24 16101		
	20	27	36	-25	0.1	20 31 55 -25 11.4		
	Δα = 322″			Δδ = 53.8′		20 26 33 -24 17.6		
	= 73.5 mm			= 50.0 mm				
55	20	28	20	-25	4.4			
	20	28	20	-25	4.4			
	20	28	20	-25	4.4			
56	20	30	11	-24	31.9			
	20	30	11	-24	31.9			
	20	30	11	-24	31.9			

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NEB.	α	δ	COMP. STARS	α	δ
53	20 29 3	-23 26.7	-24 16101		
	20 29 3	-23 26.8	-23 16386		
	20 29 3	**-23 26.8**	20 26 33 -24 17.6		
	Δα = 349″	Δδ = 74.2′	20 32 22 -23 3.4		
	= 80.2 mm	= 75.5 mm			
52	20 31 1	-22 11.1	-22 14884		
	20 30 0	-22 11.1	-21 7727		
	20 30 0	**-22 11.1**	20 33 23 -22 26.9		
	Δα = 270″	Δδ = 39.9′	20 28 53 -21 47.0		
	= 71.3 mm	= 39.2 mm			
60	20 31 29	-21 57.9			
	20 31 30	-21 57.9			
	20 31 30	**-21 57.9**			
57	20 30 18	-20 55.2	-21 5768		
	20 30 18	-20 55.2	-21 5754		
	20 30 18	**-20 55.2**	20 30 39 -20 55.4		
	Δ = 152″	Δδ = 2.8′	20 28 7 -20 52.6		
	= 35.8 mm	= 3.0 mm			
58	20 30 44	-20 14.2	-21 5766		
	20 30 43	-20 14.3	-20 5986		
	20 30 44	**-20 14.2**	20 30 39 -20 55.4		
	Δα = 57″	Δδ = 43.5′	20 31 36 -20 11.9		
	= 13.5 mm	= 44.3 mm			

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NEB.	α	δ	COMP. STARS	α	δ
59	20 31 16	-21 3.4	-21 7762		
	20 31 17	-21 3.4	-21 5768		
	20 31 16	**-21 3.4**	20 34 38 -21 34.2		
	Δα = 2.39"	Δ δ = 38.8'	20 30 39 -20 55.4		
	= 55.8 mm	= 39.0 mm			
61	20 32 40	-21 8.4			
	20 32 41	-21 8.3			
	20 32 40	**-21 8.4**			
66	20 33 31	-21 19.3			
	20 33 33	-21 19.2			
	20 33 32	**-21 19.2**			
68	20 33 55	-21 16.3			
	20 33 56	-21 16.4			
	20 33 56	**-21 16.4**			
69	20 34 8	-21 33.3			
	20 34 9	-21 33.2			
	20 34 8	**-21 33.2**			
62	20 32 46	-20 31.8	-21 5768		
	20 32 45	-20 31.8	-20 6011		
	20 32 46	**-20 31.8**	20 30 39 -20 55.4		
	Δα = 3.94"	Δ δ = 64.5'	20 37 13 -19 50.9		
	= 93.5 mm	= 65.5 mm			

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NEB.	α			δ		COMP. STARS	α	8
63	20	33	19	-20	35.2	20 30 39 -20 55.4		
	20	33	19	-20	35.3	20 37 13 -19 50.9		
	20	33	19	-20	35.2			
64	20	33	51	-20	46.1			
	20	33	51	-20	45.9			
	20	33	51	-20	46.0			
65	20	33	58	-20	25.4			
	20	33	57	-20	25.3			
	20	33	58	-20	25.4			
71	20	34	51	-20	47.5			
	20	34	51	-20	47.4			
	20	34	51	-20	47.4			
75	20	35	8	-20	49.5			
	20	35	8	-20	49.4			
	20	35	8	-20	49.4			
76	20	35	45	-20	47.5			
	20	35	44	-20	47.4			
	20	35	44	-20	47.4			
99	20	35	51	-20	8.6			
	20	35	51	-20	8.6			
	20	35	51	-20	8.6			

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A 13125
NEB.

	α	δ	Comp. Stars	α	δ
67	20 33 21	−21 40.8	−21 7727		
	20 33 21	−21 40.8	−21 7762		
	20 33 21	**−21 40.8**	20 28 53 −21 47.0		
	Δα = 345″	Δδ = 12.8′	20 34 38 −21 34.2		
	= 80.5 mm	= 12.0 mm			
97	20 32 26	−25 9.2	−25 7133		
	20 32 25	−25 9.2	−24 16209		
	20 32 26	**−25 9.2**	20 31 55 −25 11.4		
	Δα = 232″	Δδ = 40.0′	20 35 47 −24 31.4		
	= 53.2 mm	= 36.0 mm			
98	20 33 5	−23 5.4	−23 16401		
	20 33 5	−23 5.4	−23 16386		
	20 33 5	**−23 5.4**	20 34 1 −23 18.7		
	Δα = 99″	Δδ = 15.3′	20 32 22 −23 3.4		
	= 23.0 mm	= 15.5 mm			
70	20 34 36	−21 16.7	−21 7773		
	20 34 37	−21 16.5	−21 5768		
	20 34 36	**−21 16.6**	20 36 18 −21 37.8		
	Δα = 339″	Δδ = 42.4′	20 20 39 −20 55.4		
	= 79.0 mm	= 43.0 mm			
72	20 34 56	−21 0.8			
nel?	20 34 57	−21 0.8			
	20 34 57	**−21 0.8**			

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NEB.	α	δ	COMP. STARS	a	δ
73	20 34 56	-21 5.8	20 36 18 -21 37.8		
	20 34 57	-21 5.7	20 30 39 -20 55.4		
	20 34 56	**-21 5.8**			
74	20 35 7	-21 9.8			
	20 35 7	-21 9.7			
	20 35 7	**-21 9.8**			
(77)	20 35 50	-20 56.9			
	20 35 49	-20 56.9			
	20 35 50	**-20 56.9**			
(78)	20 35 48	-21 16.7			
	20 35 47	-21 16.5			
	20 35 48	**-21 16.6**			
79	20 36 1	-21 4.3			
	20 36 1	-21 4.3			
	20 36 1	**-21 4.3**			
80	20 35 54	-21 24.0			
	20 35 54	-21 23.9			
	20 35 54	**-21 24.0**			
81	20 34 59	-22 4.7	-22 14924		
	20 34 59	-22 4.7	-22 14902		
	20 34 59	**-22 4.7**	20 36 13 -22 38.9		
	$\Delta\alpha$ = 96"	$\Delta\delta$ = 35.4'	20 34 37 -22 3.5		
	= 22.0 mm	= 35.7 mm			

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NEB.

	α	δ	Comp. Stars	α	δ
83	20 35 14	−22 32.9	20 36 13 −22 38.9		
	20 35 14	−22 32.9	20 34 37 −22 3.5		
	20 35 14	**−22 32.9**			
82	20 35 29	−22 11.1			
	20 35 29	−22 11.1			
	20 35 29	**−22 11.1**			
84	20 36 13	−24 34.4	−24 16221		
	20 36 13	−24 34.4	−24 16209		
	20 36 13	**−24 34.4**	20 36 42 −24 39.9		
	Δα = 55″	Δδ = 8.5′	20 35 47 −24 31.4		
	= 12.5 mm	= 8.5 mm			
85	20 36 48	−23 40.0	−23 16445		
	20 36 48	−23 40.0	−23 16426		
	20 36 48	**−23 40.0**	20 37 46 −23 52.0		
	Δα = 105″	Δδ = 20.0′	20 36 1 −23 20.0		
	= 24.5 mm	= 21.0 mm			
86	20 36 46	−20 59.7	−21 7773		
	20 36 46	−20 59.4	−21 7784		
	20 36 46	**−20 59.4**	20 36 18 −21 378		
	Δα = 159″	Δδ = 40.9′	20 38 57 −20 56.9		
	= 37.5 mm	= 41.0 mm			
93	20 38 14	−21 2.0			
	20 38 15	−21 1.9			
	20 38 14	**−21 2.0**			

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R 13125

NEB.	α	δ	COMP. STARS	α	δ
92	20 38 14	-21 25.8			
	20 38 15	-21 23.8			
	20 38 14	**-21 25.8**			
89	20 38 29	-22 35.0	-23 16426		
	20 38 25	-22 34.9	-22 7899		
	20 38 26	**-22 34.9**	20 36 1 -23 20.0		
	Δα = 399″	Δδ = 633′	20 42 40 -22 26.7		
	= 93.5 mm	= 61.5 mm			
90	20 38 52	-22 49.0			
	20 38 52	-22 48.8			
	20 38 52	**-22 48.9**			
91	20 39 17	-23 16.6			
	20 39 17	-23 16.7			
	20 39 17	**-23 16.6**			
95	20 41 30	-22 55.0			
	20 41 29	-22 55.0			
	20 41 30	**-22 55.0**			
87	20 38 7	-25 10.6	-25 7178		
	20 38 6	-25 10.5	-24 16221		
	20 38 6	**-25 10.6**	20 40 37 -25 16.8		
	Δα = 235″	Δδ = 36.9′	20 36 42 -24 39.9		
	= 53.0 mm	= 38.5 mm			
88	20 38 18	-25 6.7			
neb?	20 38 17	-25 6.7			
	20 38 18	**-25 6.7**			

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NEB.	α	δ	COMP. STARS	α	δ
94	20 40 47	-23 59.4	-24 16262		
	20 40 47	-23 59.4	-23 16498		
	20 40 47	-23 59.4	20 40 26 -24 4.9		
	Δα = 91″	Δδ = 14.6′	20 41 57 -23 50.3		
	= 22.0 mm	= 14.6 mm			
96	20 41 20	-22 17.0	-22 7899		
	20 41 19	-22 16.9	-22 14915		
	20 41 20	-22 17.0	20 42 40 -22 26.7		
	Δα = 23″	Δδ = 15.3′	20 35 37 -22 11.4		
	= 98.2 mm	= 14.5 mm			

##

A13128

A 13128

NEB.	α	δ	COMP. STARS	α	δ
70	23 33 0	-58 33.7	-58 8088		
	23 33 0	-58 33.7	-58 8092		
	23 33 0	-58 33.7	23 32 26 -58 44.7	23 38 36	-58 0.5
	Δα = 144″	Δδ = 21.0′	23 34 50 -58 29.7		
	= 17.0 mm	= 22.8 mm			
1	23 38 15	-59 38.8	-59 7910		
	23 38 15	-59 38.8	-59 7921		
	23 38 15	-59 38.8	23 35 34 -59 44.0	23 43 45	-59 1.6
	Δα = 414″	Δδ = 11.0′	23 42 28 -59 33.0		
	= 51.5 mm	= 19.0 mm			

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H 13 128

NEB.	α	δ	COMP. STARS	α	δ
2	23 39 28	-61 0.5	-61 6764		
	23 39 28	-61 0.7	-60 7676		
	23 39 28	-61 0.4	23 41 11 -61 18.8	23 44 57	-60 27.2
	Δα = 271″·4	Δδ = 49.8′	23 36 40 -60 29.0		
	= 36.8 mm	= 47.5 mm			
3	23 43 22	-60 54.6	-61 6764		
	23 43 22	-60 54.6	-60 7681		
	23 43 22	-60 54.6	23 41 11 -61 18.8	23 48 46	-60 21.4
	Δα = 262″·3	Δδ = 68.8′	23 45 33 -60 10.0		
	= 28.0 mm	= 71.2 mm			
4	23 43 36	-60 41.1			
	23 43 36	-60 41.2			
	23 43 36 -5	-60 41.2		23 49 00	-60 8.0
5	23 45 28	-59 15.0	-59 7921		
0.5 neb?	23 45 27	-59 15.0	-59 7934		
	23 45 28	-59 15.0	23 42 28 -59 33.0	23 50 50	-58 41.8
	Δα = 413″·4	Δδ = 21.7′	23 49 21 -59 11.3		
	= 57.8 mm	= 20.5 mm			
6	23 44 59	-62 6.6	-62 6462		
1.6 " "	23 45 0	-62 6.5	-61 6766		
	23 45 0	-62 6.6	23 54 44 -62 35.4	23 50 24	-61 33.4
	Δα = 692″	Δδ = 49.4′	23 43 12 -61 46.0		
	= 81.8 mm	= 47.0 mm			
15	23 53 53	-62 34.4			
	23 53 52	-62 34.3			
	23 53 52	-62 34.4		23 59 07	-62 1.0

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H 13128
NEB.

	α	δ	Comp. Stars	α	δ
7	23 48 10	−60 14.7	−60 7699		
	23 48 10	−60 14.7	−60 7681		
	23 48 10	−60 14.7	23 51 19 −60 46.0	23 53 28	−59 41.5
	Δα = 346″ +1	Δδ = 36.0′	23 45 53 −60 10.0		
	= 44.0 mm	= 34.3 mm			
8	23 50 28	−60 31.0			
	23 50 28	−60 31.0			
	23 50 28 −4	−60 31.0		23 55 44	−59 57.8
9	23 51 10	−57 36.0	−58 8122		
	23 51 9	−57 36.1	−57 10373		
	23 51 10 −1	−57 36.0	23 54 48 −58 36.0	23 56 25	−57 2.8
	Δα = 449″	Δδ = 62.0′	23 47 19 −57 34.0		
	= 61.5 mm	= 60.2 mm			
10	23 50 20	−61 13.9	−61 6785		
	23 50 19	−61 13.9	−61 6774		
	23 50 20 −3	−61 13.9	23 50 52 −61 26.0	23 55 36	−60 40.7
	Δα = 248″	Δδ = 21.0′	23 46 44 −61 5.0		
	= 30.5 mm	= 20.0 mm			
11	23 50 36	−61 13.9			
	23 50 36	−61 13.9			
	23 50 36 −5	−61 13.9		23 55 52	−60 40.7
12	23 50 48	−61 13.4			
	23 50 48	−61 13.4			
	23 50 48 +4	−61 13.4		23 56 03	−60 40.2

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A 13128

	NEB.	α	δ	COMP. STARS	α	δ
	13	23 55 2	-58 26.8	-58 8122		
		23 55 2	-58 26.8	-58 8125		
41.5		23 55 2	-58 26.8	23 54 48 -58 36.0	0 24 00 14	-57 53.4
		Δα = 156"	Δδ = 23.0'	23 57 24 -58 13.0		
		= 22.0 mm	= 24.2			
	14	23 54 47	-61 1.4	-61 1		
		23 54 47	-61 1.2	-60 7699		
57.8		23 54 47	-61 1.2	0 2 32 -61 11.7	23 59 59	-60 27.8
		Δα = 673"	Δδ = 25.7'	23 51 19 -60 46.0		
		= 82.5 mm	= 26.0			
2.8	24	23 57 58	-60 41.0	-61 1		
		23 57 57	-60 41.0	-60 7708		
		23 57 58	-60 41.0	0 2 32 -61 11.7	0 24 3 08	-60 7.6
		Δα = 385"	Δδ = 48.7'	23 56 7 -60 23.0		
		= 47.0 mm	= 49.2 mm			
40.7	25	23 57 54	-61 0.8			
		23 57 53	-61 0.8			
		23 57 54	-61 0.8		0 24 2 04	-60 27.3
	26	0 59 57	-60 34.5			
		0 59 57	-60 34.6			
40.7		0 59 57	-60 34.6		1 4 5	-60 2.2
	30	0 0 54	-60 57.9			
		0 0 53	-60 57.8			
40.2		0 0 54	-60 57.8		0 6 2	-60 24.2

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NEB.

	α	δ	Comp. Stars	α	δ
32	0 2 20	−60 53.0	0 2 32 −61 11.7		
	0 2 19	−60 53.0	23 56 7 −60 23.0		
	0 2 20	−60 53.0		0 7 25	−60 19.5
16	23 55 7	−59 55.2	−60 7707		
	23 55 6	−59 55.0	−59 1		
	23 55 6	−59 55.0	23 53 52 −60 5.0	0 24 00 18	−59 21.6
	Δα = 504″	Δδ = 67.0′	0 2 16 −58 56.0		
	= 64.0 mm	= 68.0 mm			
20	23 56 49	−59 50.2			
neb?	23 56 50	−59 50.2			
	23 56 50	−59 50.2		0 2 00	−59 16.7
33	0 2 4	−59 25.0			
	0 2 4	−59 25.1			
	0 2 4	−59 25.0		0 7 10	−58 31.5
17	23 55 12	−60 10.2	−60 7708		
	23 55 11	−60 10.2	−60 7707		
	23 55 12	−60 10.2	23 56 7 −60 23.0	0 00 24	−59 36.8
	Δα = 135″	Δδ = 18.0′	23 53 52 −60 5.0		
	= 17.0 mm	= 18.0 mm			
18	23 55 22	−62 11.6	−62 6462		
	23 55 22	−62 11.7	−61 1		
	23 55 22	−62 11.6	23 54 44 −62 35.4	0 00 36	−61 38.2
	Δα = 468″	Δδ = 83.7′	0 2 32 −61 11.7		
	= 55.5 mm	= 84.5 mm			

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A 13128

NEB.	α			δ			Comp. Stars				α			δ	
14	23	56	0	-61	42.9		23 54 44	-62	35.4						
	23	56	0	-61	42.9		0 2 32	-61	11.7						
9.5	23	56	0	-61	42.9						0	1	11	-61	9.5
21	23	56	17	-62	12.6										
	23	56	17	-62	12.7										
1.6	23	56	17	-62	12.6						0	1	20	-61	39.2
29	0	0	0	-61	31.9										
neb?	0	0	0	-61	32.0										
	0	0	0	-61	32.0						0	5	8	-60	58.4
6.7 31	0	1	49	-61	29.9										
	0	1	50	-61	30.0										
	0	1	50	-61	30.0						0	6	56	-60	56.5
31.5 22	23	58	4	-60	4.5		-60 7707								
neb?	23	58	4	-60	4.5		-60 3								
	23	58	4	-60	4.5		23 53 52	-60	5.0		0	3	14	-59	31.0
	Δα = 536"			Δδ = 3.0'			0 2 48	-60	2.0						
6.8	= 67.0 mm			= 3.0 mm											
23	23	58	4	-60	4.0										
neb?	23	58	4	-60	4.0										
	23	58	4	-60	4.0						0	3	14	-59	30.5
8.2															

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NEB.	α	δ	COMP. STARS	α	δ
27 Wyse	23 58 10	-57 57.5	-58 8125		
	23 58 10	-57 57.5	-58 8129		
	23 58 10	-57 57.5	23 57 24 -58 13.0	0 3 20	-57 24.0
	Δα = 56″	Δδ = 20.0′	23 58 20 -57 59.0		
	= 13.5 mm	= 18.8 mm			
28	23 59 6	-57 34.3	-58 8129		
	23 59 6	-57 34.3	-57 5		
	23 59 6	-57 34.3	23 58 20 -57 53.0	0 4 14	-57 0.7
	Δα = 210″	Δδ = 29.0′	0 1 30 -57 24.0		
	= 20.5	= 29.0 mm			
33 ↗	0 2 5	-59 24.6	-59 8		
	0 2 4	-59 24.6	-59 1		
Same as on p. 178	0 2 4	-59 24.6	0 6 31 -59 28.0	0 7 10	-58 51.1
	Δα = 255″	Δδ = 30.0′	0 2 16 -58 58.0		
	= 32.5 mm	= 31.0 mm			
41	0 4 22	-59 23.7			
	0 4 21	-59 23.6			
	0 4 22	-59 23.6		0 9 25	-58 50.2
37	0 3 26	-60 4.5	-61 1		
	0 3 26	-60 4.5	-60 7		
	0 3 26	-60 4.5	0 2 32 -61 11.7	0 8 30	-59 31.0
	Δα = 239″	Δδ = 67.7′	0 6 31 -60 4.0		
	= 31.0 mm	= 68.0 mm			
44	0 5 41	-60 15.5			
	0 5 41	-60 15.4			
	0 5 41	-60 15.4		0 10 42	-59 42.0

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A13128

	Neb.	α	δ	Comp. Stars	α	δ
	34	0 2 16	-57 29.9	-58 8/29		
		0 2 16	-57 29.9	-57 23		
24.0		0 2 16	-57 29.9	23 38 20 -57 53.0	0 7 22	-56 56.4
		Δα = 411"	Δδ = 28.0'	0 5 11 -57 25.0		
		= 47.0 mm	= 28.5 mm			
	35	0 2 38	-57 25.5			
		0 2 38	-57 25.5			
0.7		0 2 38	-57 25.5		0 7 44	-56 52.0
	36	0 2 47	-57 30.9			
		0 2 47	-57 30.9			
		0 2 47	-57 30.9		0 7 53	-56 57.4
51.1	38	0 3 8	-57 48.6			
		0 3 9	-57 48.6			
		0 3 8	-57 48.6		0 8 13	-57 15.1
	39	0 3 35	-57 43.7			
		0 3 35	-57 43.7			
50.2		0 3 35	-57 43.7		0 8 40	-57 10.2
	40	0 4 10	-57 41.2			
		0 4 10	-57 41.2			
1.0		0 4 10	-57 41.2		0 9 14	-57 7.8
	42	0 4 49	-58 33.2	-59 1		
		0 4 49	-58 33.2	-58 6		
		0 4 49	-58 33.2	0 2 16 -58 58.0	0 9 51	-57 59.8
		Δα = 195"	Δδ = 42.0'	0 5 31 -58 16.0		
42.0		= 26.2 mm	= 41.5 mm			

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A13128
NEB.

	α	δ	Comp. Stars	α	δ
43	0 5 21	-57 39.2	-57 6		
	0 5 21	-57 39.2	-57 23		
	0 5 21	-57 39.2	0 10 14 -57 46.0	0 10 25	-57 5.8
	Δα = 303"	Δδ = 21.0'	0 5 11 -57 25.0		
	= 40.3mm	= 23.7mm			
45	0 5 44	-57 23 8			
	0 5 43	-57 23.8			
	0 5 44	-57 23.8		0 10 45	-58 50.4
46	0 6 51	-57 30.3			
	0 6 51	-57 30.4			
	0 6 51	-57 30.4		0 11 53	-56 57.1
48	0 7 44	-57 33.0			
	0 7 45	-57 33.0			
	0 7 44	-57 33.0		0 12 46	-56 59.7
49	0 7 59	-57 39.2			
	0 7 59	-57 39.2			
	0 7 59	-57 39.2		0 13 00	-57 5.9
47	0 6 45	-58 16.2	-58 10		
	0 6 45	-58 16.2	-58 6		
	0 6 45	-58 16.2	0 7 55 -58 28.2	0 11 45	-57 42.9
	Δα = 144"	Δδ = 12.0'	0 5 31 -58 16.2		
	= 18.5mm	= 12.5mm			

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A13128

	NEB.	α	δ	COMP. STARS	α	δ
	50	0 7 54	-59 7.4	-59 18		
		0 7 54	-59 7.4	-59 10		
5.8		0 7 54	-59 7.4	0 10 19 -59 24.7	0 12 54	-58 34.1
		Δα = 193'	Δδ = 20.1"	0 7 6 -59 4.6		
		= 27.0 mm	= 21.5 mm			
	51	0 9 23	-59 13.9			
		0 9 23	-59 13.9			
50.4		0 9 23	-59 13.9		0 14 20	-58 40.7
	57	0 10 22	-57 58.2	-58 27		
		0 10 21	-57 58.2	-57 6		
57.1		0 10 22	-57 58.2	0 18 17 -58 0.1	0 15 22	-57 25.0
		Δα = 483"	Δδ = 14.1'	0 10 14 -57 46.0		
		= 67.0 mm	= 18.5 mm			
59.7	58	0 10 22	-57 47.9			
		0 10 21	-57 47.9			
		0 10 22	-57 47.9		0 15 22	-57 14.7
5.9	54	0 10 27	-59 32.2	-59 20		
		0 10 27	-59 32.2	-59 18		
		0 10 27	-59 32.2	0 11 49 -59 36.0	0 15 23	-58 59.0
		Δα = 90"	Δδ = 11.3'	0 10 19 -59 24.7		
12.9		= 11.0 mm	= 11.8 mm			
	56	0 11 0	-59 33.6			
		0 11 0	-59 33.8			
		0 11 0	-59 33.7		0 15 55	-59 0.5

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NEB.

	α	δ	Comp. Stars	α	δ
55	0 10 53	-59 47.6	-60 24		
	0 10 53	-59 47.6	-59 17		
	0 10 53	-59 47.6	0 12 50 -59 53.0	0 15 48	-59 14.4
	Δα = 152″	Δδ = 6.0′	0 10 18 -59 47.0		
	= 18.8 mm	= 7.3 mm			
60	0 12 10	-59 53.0			
	0 12 10	-59 53.0			
	0 12 10	-59 53.0		0 17 04	-59 19.8
59	0 11 48	-60 14.2	-60 32		
	0 11 49	-60 14.1	-60 7		
	0 10 48	-60 14.2	0 16 48 -60 32.0	0 15 44	-59 41.0
	Δα = 617″	Δδ = 26.0′	0 6 31 -60 4.0		
	= 82.5 mm	= 20.8 mm			
52	0 12 13	-61 59.6	-62 48		
	0 12 13	-61 59.6	-62 22		
	0 12 13	-61 59.6	0 11 4 -62 21.1	0 17 06	-61 26.4
	Δα = 160″	Δδ = 25.1′	0 13 44 -61 36.0		
	= 35.0 mm	= 24.3 mm			
53	0 13 7	-62 18.0			
	0 13 7	-62 18.0			
	0 13 7	-62 18.0		0 18 00	-61 44.8
62	0 14 31	-61 59.2	-62 25		
	0 14 31	-61 59.2	-62 22		
	0 14 81	-61 59.2	0 15 41 -62 15.0	0 19 21	-61 26.0
	Δα = 117″	Δδ = 19.0′	0 13 44 -61 36.0		
	= 10.0	= 14.8 mm			

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A13128

Neb.	α	δ	Comp. Stars	α	δ
61	0 13 16	−59 37.7	−60 24		
	0 13 16	−59 37.7	−59 27		
14.4	0 13 16	−59 37.7	0 12 50 −59 53.0	0 18 09	−59 4.5
	Δα = 292″	Δδ = 33.8′	0 16 42 −59 19.2		
	= 31.5 mm	= 32.0 mm			
63	0 14 44	−59 34.8			
	0 14 44	−59 34.8			
19.8	0 14 44	−59 34.8		0 19 36	−59 1.6
64	0 14 13	−58 11.2	−58 10		
	0 14 13	−58 11.1	−58 27		
41.0	0 14 13	−58 11.2	0 7 55 −58 28.2	0 19 05	−57 38.0
	Δα = 622″	Δδ = 28.1′	0 18 17 −58 0.1		
	= 84.0 mm	= 24.0 mm			
60	0 18 2	−61 8.8	−62 22		
	0 18 2	−61 8.7	−60 39		
26.4	0 18 2	−61 8.8	0 13 44 −61 56.0	0 22 48	−61 35.6
	Δα = 542″	Δδ = 72.0′	0 22 46 −60 44.0		
	= 70.5 mm	= 67.0 mm			
66	0 18 31	−60 11.5	−60 39		
	0 18 31	−60 11.5	−60 30		
14.8	0 18 31	−60 11.5	0 22 46 −60 44.0		
	Δα = 350″	Δδ = 37.0′	0 16 56 −60 7.0		
	= 40.5 mm	= 41.0 mm			
60	67 0 21 54	−60 36.8			
	0 21 54	−60 36.8			
	0 21 54	−60 36.8			

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H13128

NEB.	α	δ	COMP. STARS	α	δ
69	0 24 21	−60 32.3	0 22 46 −60 44.6		
	0 24 21	−60 32.2	0 16 56 −60 7.0		
	0 24 21	−60 32.2			
68	0 20 50	−57 44.9	−58 27		
	0 20 51	−57 44.8	−57 89		
	0 20 50	−57 44.8	0 18 17 −58 0.1		
	Δα = 185″	Δδ = 21.8′	0 21 22 −57 38.3		
	= 26.5 mm	= 20.0 mm			

#

H 8956

H8956

NEB.	α	δ	COMP. STARS
1	17 8 51	−54 9.4	−54 8135
neb?	17 8 51	−54 9.3	−54 8172
	17 8 51	−54 9.4	17 7 45 −54 20.9
	Δα = 143″	Δδ = 18.0′	17 10 8 −54 2.9
	= 19.5 mm	= 19.5 mm	
2	17 17 26	−50 47.4	
neb?	17 17 25	−50 47.4	−51 10339
	17 17 26	−50 47.4	−50 10120
			17 16 46 −51 19.7
	Δα = 297″	Δδ = 60.8′	17 21 43 −50 18.9
	= 45.0 mm	= 63.0 mm	

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A8596

NEB.	α	δ	COMP. STARS	α	.8
3	17 21 0	-52 28.8	-52 10666		
	17 21 0	-52 28.8	-52 10674		
	17 21 0	-52 28.8	17 20 22 -52 36 3		
	Δα = 80″	Δδ = 19.9′	17 21 42 -52 16.4		
	= 11.5 mm	= 20.0 mm			
4	17 22 6	-50 51.0	-51 10414		
	17 22 6	-50 51.0	-50 10120		
	17 22 6	-50 51.0	17 24 57 -51 1.6		
	Δα = 194″	Δδ = 42.7′	17 21 43 -50 18.9		
	= 31.8 mm	= 42.5 mm			
5	17 22 6	-50 50.5			
	17 22 6	-50 50.5			
	17 22 6	-50 50.5			
6	17 24 2	-50 38.0			
neb?	17 24 2	-50 38.0			
	17 24 2	-50 38.0			
7	17 22 29	-54 7.3	-54 8385		
neb?	17 22 30	-54 7.3	-53 8681		
	17 22 30	-54 7.3	17 21 3 -54 13.1		
	Δα = 302″	Δδ = 27.8′	17 26 5 -53 45.3		
	= 47.0 mm	= 26.5 mm			
8	17 24 43	-53 37.2	-53 8681		
neb?	17 24 43	-53 37.2	-53 8668		
	17 24 43	-53 37.2	17 26 5 -53 45.3		
	Δα = 102″	Δδ = 8.9′	17 24 23 -53 36.4		
	= 24.2 mm	= 8.8 mm			

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#8956
NEB.

	α	δ	Comp. Stars	α	δ
9	17 25 8	-53 39.9	17 26 5 -53 45.3		
neb?	17 25 8	-53 39.7	17 21 23 -53 36.4		
	17 25 8	-53 39.7			
10	17 32 38	-53 3.8	-53 8729		
neb?	17 32 39	-53 3.8	-52 10794		
	17 32 39	-53 3.8	17 32 19 -53 5.3		
	Δα = 185"	Δδ = 6.9	17 05 24 -52 58.4		
	= 19.0 mm	= 6.8 mm			
11	17 33 12	-50 44.8	-51 10492		
	17 33 12	-50 44.8	-50 10303		
	17 33 12	-50 44.8	17 32 23 -51 11.6		
	Δα = 112"	Δδ = 44.2	17 34 15 -50 27.4		
	= 16.0 mm	= 4.2 mm			
12	17 34 15	-50 15.0	-50 10303		
neb?	17 34 15	-50 14.9	-49 10311		
	17 34 15	-50 15.0	17 34 15 -50 27.4		
	Δα = 30"	Δδ = 33.6'	17 34 15 -49 53.8		
	= 10.0 mm	= 28.5 mm			
13	17 34 32	-49 59.7			
neb?	17 34 31	-49 59.7			
	17 34 32	-49 59.7			
14	17 35 10	-51 34.9	-52 10821		
neb?	17 35 11	-51 35.0	-51 10492		
	17 35 10	-51 35.0	17 37 15 -52 3.1		
	Δα = 292"	Δδ = 51.5'	17 32 23 -51 11.6		
	= 44.5 mm	= 53.0 mm			

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H 8956
NEB.

	α	δ	COMP. STARS	α
15	17 39 24	-53 50.4	-54 8005	
	17 39 24	-53 50.4	-53 8772	
	17 39 24	-53 50.4	17 41 21 -54 2.8	
	Δα = 234"	Δδ = 17.5'	17 37 27 -53 45.3	
	= 25.0 mm	= 19.0 mm		

H 14256

H 14256

H 14256

NEB.

	α	δ	COMP. STARS
1	6 58 35	-60 34.2	-60 733
	6 58 36	-60 34.1	-60 714
	6 58 36	-60 34.2	6 57 20 -60 57.6
	Δα = 427"	Δδ = 36.6'	6 50 13 -60 21.0
	= 56.5 mm	= 41.8 mm	
2	6 55 6	-61 4.4	-61 733
	6 55 6	-61 4.4	-60 733
	6 55 6	-61 4.4	6 52 26 -61 6.3
	Δα = 294"	Δδ = 8.7'	6 57 20 -60 57.6
	= 36.5 mm	= 5.4 mm	
3	6 55 7	-61 5.2	
	6 55 7	-61 5.2	
	6 56 7	-61 5.2	

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H14256
NEB.

	α	δ	Comp. Stars	α	δ
4	6 50 55	−60 52.9	−61 733		
	6 50 55	−60 52.8	−60 714		
	6 50 55	−60 52.8	6 52 26	−61 6 3	
	Δα = 193″	Δδ = 45.3′	6 49 13	−60 21.0	
	= 20.2 mm	= 47.0 mm			
5	6 49 48	−60 43.2			
	6 49 48	−60 43.1			
	6 49 48	−60 43.2			
6	6 47 29	−61 8.2	61 728		
	6 47 28	−61 8.1	60 698		
	6 47 28	−61 8.2	6 50 40	−61 48.6	
	Δα = 392″	Δδ = 49.4′	6 44 8	−60 59.2	
	= 44.0 mm	= 52.5 mm			
7	6 46 0	−61 17.1			
	6 45 59	−61 17.1			
	6 46 0	−61 17.1			
8	6 47 33	−61 24.2			
	6 47 33	−61 24.1			
	6 47 33	−61 24.2			
9	6 50 36	−61 13.3			
	6 50 36	−61 13.3			
	6 50 36	−61 13.3			
10	6 50 23	−61 29.3			
	6 50 22	−61 29.2			
	6 50 22	−61 29.2			

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A 14256

NEB.	α	δ	COMP. STARS	α	δ
13	6 45 28	-61 34.5			
	6 45 28	-61 34.5			
	6 45 28	-61 34.5			
11	6 51 30	-61 30.3	-61 728		
	6 51 30	-61 30.1	-61 733		
	6 51 30	-61 30.2	6 50 40 -61 48.6		
	Δα = 106″	Δδ = 42.3′	6 52 26 -61 6.3		
	= 16.0 mm	= 41.5			
12	6 48 20	-61 49.1	-62 710		
	6 48 20	-61 49.2	-61 728		
	6 48 20	-61 49.2	6 46 0 -62 11.8		
	Δα = 280″	Δδ = 23.2′	6 50 40 -61 48.6		
	= 34.0	= 21.0 mm			
14	6 47 47	-61 55.2			
	6 47 47	-61 55.2			
	6 47 47	-61 55.2			
15	6 44 29	-62 14.9	-62 699		
	6 44 29	-62 14.9	-62 710		
	6 44 29	-62 14.9	6 41 53 -62 36.2		
	Δα = 247″	Δδ = 24.4′	6 46 0 -62 11.8		
	= 30.0 mm	= 23.5 mm			
16	6 44 21	-62 19.6			
	6 44 21	-62 19.6			
	6 44 21	-62 19.6			

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H 14256
NEB.

	α	δ	COMP. STARS	α	δ
39	6 42 14	−62 32.1	6 41 53 −62 36.2		
	6 42 14	−62 32.0	6 46 0 −62 11.8		
	6 42 14	−62 32.0			
17	6 47 51	−62 15.5	−62 728		
	6 47 51	−62 15.5	−62 710		
	6 47 51	−62 15.5	6 52 16 −62 28.2		
	Δα = 376″	Δ δ = 16.4′	6 46 0 −62 11.8		
	= 42.5 mm	= 20.0 mm			
18	6 48 52	−62 13.0			
	6 48 52	−62 13.0			
	6 48 52	−62 13.0			
19	6 50 30	−62 17.0			
	6 50 30	−62 16.9			
	6 50 30	−62 17.0			
20	6 52 3	−62 22.5			
	6 52 2	−62 22.4			
	6 52 2	−62 22.4			
21	6 52 28	−62 18.2	−62 728		
	6 52 28	−62 18.1	−62 746		
	6 52 28	−62 18.2	6 52 16 −62 28.2		
	Δα = 346′	Δ δ = 15.1′	6 58 2 −62 13.1		
	= 41.5 mm	= 12.0 mm			
22	6 52 41	−62 19.4			
	6 52 41	−62 19.4			
	6 52 41	−62 19.4			

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NEB.	α	δ	COMP. STARS α	δ
23	6 56 2	-61 52.0		-62 746
	6 56 1	-61 52.0		-61 728
	6 56 2	-61 52.0	6 58 2	-62 131
	Δα = 442″	Δδ = 24.5′	6 50 40	-61 48.6
	= 49.5 mm	= 29.0 mm		
24	6 52 44	-62 39.7		-62 740
	6 52 43	-62 33.6		-62 728
	6 52 44	-62 38.6	6 56 12	-62 38.3
	Δα = 236″	Δδ = 10.1′	6 52 16	-62 28.2
	= 26.0 mm	= 12.8 mm		
25	6 56 24	-62 36.2		-62 740
	6 56 22	-62 36.3		-62 746
	6 56 23	-62 36.2	6 56 12	-62 38.3
	Δα = 110″	Δδ = 25.2′	6 58 2	-62 13.1
	= 15.5 mm	= 24.5 mm		
26	6 56 12	-62 41.0		-63 647
	6 56 12	-62 41.0		-62 740
	6 56 12	-62 41.0	6 53 44	-63 2.3
	Δα = 148″	Δδ = 24.0′	6 56 12	-62 38.3
	= 18.5 mm	= 22.5 mm		
27	6 56 0	-62 45.2		
	6 56 0	-62 45.2		
	6 56 0	-62 45.2		

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NEB.

	α	δ	Comp. Stars	α	δ
28	7 0 26	-62 37.3	-62 761		
	7 0 25	-62 37.3	-62 746		
	7 0 26	-62 37.3	7 3 22 -62 40.8		
	Δα = 320″	Δδ = 27.7′	6 58 2 -62 13.1		
	= 33.5 mm	= 32.0 mm			
29	7 1 42	-62 27.4			
	7 1 42	-62 27.4			
	7 1 42	-62 27.4			
30	6 59 54	-63 15.7	-63 665		
	6 59 54	-63 15.7	-63 647		
	6 59 54	-63 15.7	7 0 3 -63 21.1		
	Δα = 379″	Δδ = 18.8′	6 53 44 -63 2.3		
	= 40.8 mm	= 23.6 mm			
31	6 51 51	-63 22.6	-63 634		
	6 51 51	-63 22.5	-63 647		
	6 51 51	-63 22.6	6 45 47 -63 538		
	Δδ = 477″	Δδ = 51.5′	6 53 44 -63 2.3		
	= 57.0 mm	= 47.8 mm			
32	6 49 28	-63 14.4			
	6 49 29	-63 14.5			
	6 49 28	-63 14.4			
44	6 46 37	-63 17.2			
	6 46 38	-63 17.2			
	6 46 38	-63 17.2			

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H14256

NEB.	α	δ	COMP. STARS α	δ
45	6 48 1	-63 42.0	6 45 47	-63 53.8
	6 48 2	-63 41.9	6 53 44	-63 2.3
	6 48 2	-63 42.0		
46	6 48 9	-63 48.4		
	6 48 10	-63 48.4		
	6 48 10	-63 48.4		
47	6 48 30	-63 47.3		
	6 48 31	-63 47.3		
	6 48 30	-63 47.3		
48	6 50 31	-63 49.5		
	6 50 32	-63 49.5		
	6 50 32	-63 49.5		
33	6 49 17	-62 53.9		-63 6.8
	6 49 18	-62 53.9		-62 7.9
	6 49 18	-62 53.9	6 46 48	-63 21.9
	Δα = 185″	Δδ = 33.1′	6 49 53	-62 46.8
	= 22.8 mm	= 32.5 mm		
34	6 46 15	-62 41.9		-62 7.9
	6 46 15	-62 41.9		-62 6.9
	6 46 15	-62 41.9	6 49 53	-62 48.8
	Δα = 480″	Δδ = 12.6′	6 41 53	-62 36.2
	= 59.0 mm	= 15.5 mm		

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NEB.

	α	δ	Comp. Stars	α	δ
35	6 46 11	-62 37.8	6 49 53 -62 48.8		
	6 46 11	-62 37.8	6 41 53 -62 36.2		
	6 46 11	-62 37.8			
36	6 44 42	-62 36.2			
	6 44 42	-62 36.2			
	6 44 42	-62 36.2			
37	6 44 15	-62 42.3			
	6 44 15	-62 42.3			
	6 44 15	-62 42.3			
38	6 43 31	-62 42.3			
	6 43 31	-62 42.3			
	6 43 31	-62 42.3			
40	6 40 52	-62 35.8	-62 699		
	6 40 52	-62 35.8	-62 669		
	6 40 52	-62 35.8	6 41 53 -62 36.2		
	Δα = 509"	Δδ = 11.9'	6 33 24 -62 24.3		
	= 58.2 mm	= 19.5 mm			
41	6 39 49	-63 0.5	-62 695		
	6 39 48	-63 0.5	-62 669		
	6 39 48	-63 0.5	6 40 6 -63 1.0		
	Δα = 402"	Δδ = 36.7	6 33 24 -62 24.3		
	= 45.5 mm	= 36.5 mm			
42	6 39 22	-63 1.0			
	6 39 20	-63 1.0			
	6 39 21	-63 1.0			

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A 14256

NEB.	α	δ	COMP. STARS α	δ
43	6 41 1	-63 29.0	- 64 601	
	6 41 2	-63 29.1	- 63 638	
	6 41 2	-63 29.0	6 39 4	-64 21.5
	Δα = 464"	Δδ = 59.6'	6 46 48	-63 21.9
	= 53.5 mm	= 57.5 mm		
53	6 45 47	-64 9.6		
	6 45 47	-64 9.5		
	6 45 47	-64 9.6		
54	6 42 40	-63 56.1		
	6 42 41	-63 56.1		
	6 42 40	-63 56.1		
55	6 42 32	-64 8.5		
	6 42 32	-64 8.5		
	6 42 32	-64 8.5		
56	6 42 19	-64 9.0		
	6 42 20	-64 9.1		
	6 42 20	-64 9.0		
57	6 41 49	-64 8.5		
	6 41 49	-64 8.5		
	6 41 49	-64 8.5		
98	6 39 39	-64 1.3		
	6 39 39	-64 1.3		
	6 39 39	-64 1.3		

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A14256
NEB.

	α	δ	Comp. Stars	α	δ
99	6 40 22	-63 44.7	6 39 4	-64 21.5	
	6 40 22	-63 44.7	6 46 48	-63 21.9	
	6 40 22	-63 44.7			
100	6 39 52	-63 41.1			
	6 39 53	-63 41.1			
	6 39 53	-63 41.1			
101	6 39 8	-63 45.1			
	6 39 8	-63 45.2			
	6 39 8	-63 45.2			
50	6 50 52	-64 0.1		-64 618	
	6 50 52	-64 0.0		-63 644	
	6 50 52	-64 0.0	6 45 0	-64 56.1	
	Δα = 453"	Δδ = 60.8'	6 52 33	-63 55.3	
	= 52.8 mm	= 58.0 mm			
51	6 49 9	-63 59.1			
	6 49 9	-63 59.1			
	6 49 9	-63 59.1			
52	6 48 52	-63 56.3			
	6 48 52	-63 56.3			
	6 48 52	-63 56.3			
53	6 46 26	-64 5.7			
	6 46 26	-64 5.8			
	6 46 26	-64 5.8			

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A 14256

Neb.	α		δ		Comp. Stars	α	δ
59	6	45 21	-64	21.5	6 45 0 -64 56.1		
	6	45 21	-64	21.5	6 52 33 -63 55.3		
	6	45 21	-64	21.5			
60	6	45 34	-64	22.1			
	6	45 35	-64	22.0			
	6	45 34	-64	22.0			
62	6	49 5	-64	31.5			
	6	49 5	-64	31.5			
	6	49 5	-64	31.5			
63	6	52 33	-64	40.3			
	6	52 33	-64	40.3			
	6	52 33	-64	40.3			
64	6	52 33	-64	42.0			
	6	52 33	-64	41.9			
	6	52 33	-64	42.0			
65	6	52 14	-64	43.5			
	6	52 13	-64	43.5			
	6	52 14	-64	43.5			
67	6	46 13	-64	48.3			
	6	46 13	-64	48.3			
	6	46 13	-64	48.3			

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A 14256
NEB.

	α	δ	COMP. STARS	α	δ
66	6 56 5	-64 27.5	-64 637		
	6 56 5	-64 27.6	-63 665		
	6 56 5	-64 27.6	6 55 23 -64 51.7		
	Δα = 280″	Δ δ = 90.6′	7 0 3 -63 21.1		
	= 39.5 mm	= 88.0 mm			
49	6 56 37	-63 51.9			
	6 56 37	-63 52.1			
	6 56 37	-63 52.0			
69	6 53 32	-65 17.5	-65 663		
	6 53 32	-65 17.5	-64 637		
	6 53 32	-65 17.5	6 51 28 -65 29.6		
	Δα = 235″	Δ δ = 37.9′	6 55 23 -64 51.7		
	= 27.5 mm	= 36.0 mm			
70	6 54 2	-65 22.3			
	6 54 2	-65 22.2			
	6 54 2	-65 22.2			
71	6 54 45	-65 23.3			
	6 54 45	-65 23.3			
	6 54 45	-65 23.3			
72	6 54 57	-65 27.5			
	6 54 57	-65 27.5			
	6 54 57	-65 27.5			

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A 14256

Neb.	α	δ	Comp. Stars	α	δ
68	6 44 31	-65 6.9		-65 645	
	6 44 31	-65 6.9		-64 618	
	6 44 31	-65 6.9	6 41 30	-65 21.9	
	Δα = 210″	Δδ = 25.8′	6 45 0	-64 56.1	
	= 25.0 mm	= 25.0			
73	6 46 15	-65 29.3		-65 663	
	6 46 15	-65 29.3		-65 645	
	6 46 15	-65 29.3	6 51 28	-65 29.6	
	Δα = 598″	Δδ = 7.7′	6 41 30	-65 21.9	
	= 64.0 mm	= 11.5 mm			
58	6 41 40	-64 23.9		-64 618	
	6 41 40	-64 23.9		-64 601	
	6 41 40	-64 23.9	6 45 0	-64 56.1	
	Δα = 356″	Δδ = 34.6′	6 39 4	-64 21.5	
	= 36.5 mm	= 36.5 mm			
61	6 44 6	-64 39.0			
	6 44 6	-64 39.0			
	6 44 6	-64 39.0			
74	6 42 5	-64 52.3			
	6 42 4	-64 52.3			
	6 42 4	-64 52.3			

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200
A 14256
NEB.

	α	δ	COMP. STARS	α	δ
121	6 38 10	−62 22.7	−62 669		
	6 38 10	−62 22.8	−61 702		
	6 38 10	−62 22.8		6 38 24	−62 24.3
	Δα = 452″	Δδ = 23.9′		6 40 56	−62 1.0
	= 530 mm	= 22.5 mm			
122	6 39 22	−62 18.6			
	6 39 22	−62 18.6			
	6 39 22	−62 18.6			
123	6 39 18	−62 18.5			
	6 39 18	−62 18.5			
	6 39 18	−62 18.5			
124	6 40 14	−62 10.3			
	6 40 14	−62 10.3			
	6 40 14	−62 10.3			
125	6 38 18	−62 3.1			
	6 38 18	−62 3.1			
	6 38 18	−62 3.1			
126	6 38 22	−62 4.6			
	6 38 23	−62 4.6			
	6 38 22	−62 4.6			
127	6 38 5	−62 7.8			
	6 38 6	−62 7.7			
	6 38 6	−62 7.8			

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A14256

NEB.	α	δ	COMP. STARS	α	δ
128	6 36 23	-62 12.9	6 33 24	-62 24.3	
	6 36 23	-62 12.9	6 40 56	-62 1.0	
	6 36 23	-62 12.9			
129	6 35 49	-62 7.8			
	6 35 48	-62 7.7			
	6 35 48	-62 7.8			
130	6 34 32	-62 2.5			
	6 34 32	-62 2.6			
	6 34 32	-62 2.6			
136	6 36 25	-61 44.4		-62 7.0	
	6 36 24	-61 44.2		-61 68.4	
	6 36 24	-61 44.2	6 46 0	-62 11.8	
	Δα = 644″	Δδ = 41.3′	6 35 16	-61 30.5	
	= 76.0 mm	= 45.8 mm			
138	6 40 51	-61 51.6			
	6 40 50	-61 51.4			
	6 40 50	-61 51.5			
139	6 42 54	-61 39.0			
	6 42 52	-61 38.9			
	6 42 53	-61 39.0			
140	6 40 38	-61 36.3			
	6 40 38	-61 36.1			
	6 40 38	-61 36.2			

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A 14256
NEB.

	α			δ		Comp. Stars	α		δ	
143	6	39	26	-61	39.9	6 46 0			-62	11.8
	6	39	26	-61	39.7	6 35 16			-61	30.5
	6	39	26	-61	39.8					
141	6	38	56	-61	24.7				-61	684
	6	38	56	-61	24.7				-60	698
	6	38	56	-61	24.7	6 35 16			-61	30.5
	Δα = 532"			Δ δ = 31.3'		6 44 8			-60	59.2
	= 66.5 mm			= 28.0 mm						
142	6	38	20	-61	29.2					
	6	38	20	-61	29.2					
	6	38	20	-61	29.2					
147	6	37	56	-61	2.9					
	6	37	56	-61	2.9					
	6	37	56	-61	2.9					
148	6	38	52	-61	11.8					
	6	38	52	-61	11.8					
	6	38	52	-61	11.8					
149	6	40	16	-61	10.7					
	6	40	16	-61	10.7					
	6	40	16	-61	10.7					
150	6	41	32	-61	5.7					
	6	41	32	-61	5.7					
	6	41	32	-61	5.7					

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A 14256
NEB.

	α	δ	COMP. STARS	α	δ
151	6 41 40	-61 5.1	6 35 16 -61 30.5		
	6 41 40	-61 5.1	6 44 8 -60 59.2		
	6 41 40	-61 5.1			
152	6 41 8	-61 0.7			
	6 41 8	-61 0.7			
	6 41 8	-61 0.7			
153	6 40 20	-61 4.0			
	6 40 20	-61 4.0			
	6 40 20	-61 4.0			
146	6 36 48	-60 51.6	-60 698		
	6 36 49	-60 51.6	-60 656		
	6 36 48	-60 51.6	6 44 8 -60 59.2		
	Δα = 6.73″	Δδ = 9.0′	6 32 55 -60 50.2		
	= 82.0 mm	= 12.7 mm			
154	6 39 8	-60 58.7			
	6 39 9	-60 58.7			
	6 39 8	-60 58.7			
155	6 39 0	-60 56.9			
	6 39 0	-60 56.9			
	6 39 0	-60 56.9			
156	6 39 58	-60 57.3			
	6 39 58	-60 57.3			
	6 39 58	-60 57.3			

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NEB.

	α	δ	Comp. Stars	α	δ
158	6 40 55	-60 35.5	-60 675		
	6 40 55	-60 25.5	-60 694		
	6 40 55	-60 35.5	6 36 56	-60	44.1
	Δα = 273"	Δδ = 28.8	6 41 29	-60	15.3
	= 34.8 mm	= 28.5 mm			
160	6 38 24	-60 24.9			
	6 38 23	-60 24.9			
	6 38 24	-60 24.9			
161	6 38 2	-60 13.9			
	6 38 3	-60 13.9			
	6 38 2	-60 13.9			
162	6 37 43	-60 24.9			
	6 37 43	-60 24.9			
	6 37 43	-60 24.9			
159	6 43 7	-60 15.9	-60 714		
	6 43 6	-60 15.9	-60 694		
	6 43 6	-60 15.9	6 49 13	-60	21.0
	Δα = 464"	Δδ = 5.7'	6 41 29	-60	15.3
	= 57.0 mm	= 9.5 mm			
75	6 37 38	-64 38.8	-64 577		
	6 37 38	-64 38.7	-64 601		
	6 37 38	-64 38.8	6 30 48	-64	49.4
	Δα = 496"	Δδ = 27.9'	6 39 4	-64	21.5
	= 53.8 mm	= 27.5 mm			

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NEB.	α	δ	COMP. STARS	α	δ
76	6 33 39	-64 49.4	6 30 48 -64 49.4		
	6 33 39	-64 49.4	6 39 4 -64 21.5		
	6 33 39	-64 49.4			
77	6 33 15	-64 47.2			
	6 33 16	-64 47.3			
	6 33 16	-64 47.3			
80	6 32 2	-64 37.8			
	6 32 2	-64 37.7			
	6 32 2	-64 37.8			
164	6 37 5	-60 2.7	-60 650		
	6 37 5	-60 2.7	-60 677		
	6 37 5	-60 2.7	6 31 12 -60 13.0		
	Δα = 393"	Δδ = 10.8'	6 37 45 -60 2.2		
	= 49.0 mm	= 10.0 mm			
165	6 34 37	-60 8.1			
	6 34 38	-60 8.1			
	6 34 38	-60 8.1			
163	6 36 12	-60 13.4	-60 656		
	6 36 12	-60 13.4	-60 677		
	6 36 12	-60 13.4	6 32 55 -60 00.2		
	Δα = 290"	Δδ = 48.0	6 37 45 -60 2.2		
	= 37.5 mm	= 47.0 mm			

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NEB.

	α	δ	Comp. Stars α	δ
167	6 34 16	-60 34.9	6 32 55	-60 50.2
	6 34 14	-60 34.9	6 37 45	-60 2.2
	6 34 15	-60 34.9		
168	6 34 12	-60 36.4		
	6 34 13	-60 36.4		
	6 34 12	-60 36.4		
169	6 33 34	-60 36.4		
	6 33 34	-60 36.4		
	6 33 34	-60 36.4		
170	6 33 57	-60 41.5		
	6 33 57	-60 41.5		
	6 33 57	-60 41.5		
171	6 33 13	-60 55.8	-61 684	
	6 33 13	-60 55.7	-60 656	
	6 33 13	-60 55.8	6 35 16	-61 30.5
	Δα = 141″	Δδ = 40.3′	6 32 55	-60 50.2
	= 15.5 mm	= 40.0 mm		
145	6 34 21	-61 25.5		
	6 34 21	-61 25.5		
	6 34 21	-61 25.5		

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A 14256
NEB.

	α	δ	COMP. STARS	α
172	6 31 41	−61 18.0	−61 684	
	6 31 41	−61 18.0	−61 656	
	6 31 41	−61 18.0	6 35 16 −61 20.5	
	Δα = 418″	Δδ = 16.3′	6 28 18 −61 14.2	
	= 48.5 mm	= 15.0 mm		
173	6 30 32	−61 16.9		
	6 30 31	−61 16.9		
	6 30 32	−61 16.9		
174	6 30 6	−61 25.1		
	6 30 6	−61 25.1		
	6 30 6	−61 25.1		
175	6 30 10	−61 26.7		
	6 30 10	−61 26.7		
	6 30 10	−61 26.7		
133	6 30 44	−62 0.8	−62 652	
	6 30 45	−62 0.8	−61 684	
	6 30 44	−62 0.8	6 28 42 −62 0.1	
	Δα = 394″	Δδ = 34.6′	6 35 16 −61 30.5	
	= 45.0 mm	= 36.0 mm		
134	6 33 36	−61 57.9		
	6 33 35	−61 57.9		
	6 33 36	−61 57.9		

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H 14256
NEB.

	α	δ	Comp. Stars	α	δ
135	6 33 44	−62 51.2	6 28 42 −62 5.1		
	6 33 44	−62 51.1	6 35 16 −61 30.5		
	6 33 44	−62 51.2			
144	6 34 32	−61 36.8			
	6 34 32	−61 36.7			
	6 34 32	−61 36.8			
176	6 30 14	−61 32.0			
	6 30 14	−61 31.9			
	6 30 14	−61 32.0			
177	6 29 52	−61 32.9			
	6 29 52	−61 32.9			
	6 29 52	−61 32.9			
131	6 32 28	−62 10.4	−62 669		
	6 32 28	−62 10.4	−62 652		
	6 32 28	−62 10.4	6 33 24 −62 24.3		
	Δα = 282″	Δδ = 19.2′	6 28 42 −62 3.1		
	= 32.5mm	= 19.8mm			
132	6 32 15	−62 10.0			
	6 32 15	−62 10.0			
	6 32 15	−62 10.0			
188	6 29 30	−62 21.1			
	6 29 30	−62 21.1			
	6 29 30	−62 21.1			

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A 14256
NEB.

	α		δ		Comp. Stars		α	δ
89	6	30 9	-64	10.0	-64 601			
	6	30 10	-64	10.0	-64 572			
	6	30 10	-64	10.0	6 39 4	-64 21.5		
	Δα = 604″		Δδ = 15.3′		6 29 0	-64 6.2		
	= 65.0 mm		= 17.0 mm					
90	6	31 10	-64	15.8				
	6	31 10	-64	15.8				
	6	31 10	-64	15.8				
91	6	32 1	-64	8.0				
	6	32 1	-64	8.0				
	6	32 1	-64	8.0				
92	6	31 52	-64	7.7				
	6	31 52	-64	7.7				
	6	31 52	-64	7.7				
96	6	35 34	-64	0.7	-64 601			
	6	35 35	-64	0.6	-63 595			
	6	35 34	-64	0.6	6 39 4	-64 21.5		
	Δα = 441″		Δδ = 41.4′		6 31 43	-63 40.1		
	= 47.3 mm		= 43.3 mm					
97	6	35 29	-63	59.8				
	6	35 30	-63	59.7				
	6	35 30	-63	59.8				

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A14256
NEB.

	α	δ	Comp. Stars	α	δ
103	6 35 34	-63 41.1	6 39 4	-64 21.5	
	6 35 35	-63 41.1	6 31 43	-63 40.1	
	6 35 34	-63 41.1			
104	6 32 19	-63 44.0			
	6 32 19	-63 43.9			
	6 32 19	-63 44.0			
108	6 31 56	-63 26.2	-63 J40		
	6 31 56	-63 26.2	-62 695.		
	6 31 56	-63 26.2	6 30 46	-63 27.3	
	Δα = 560"	ΔJ = 26.3'	6 40 6	-63 1.0	
	= 64.0 mm	= 25.0 mm			
109	6 31 34	-63 19.9			
	6 31 34	-63 19.9			
	6 31 34	-63 19.9			
118	6 36 6	-63 21.0			
	6 36 5	-63 21.0			
	6 36 6	-63 21.0			
119	6 37 24	-63 23.6			
	6 37 24	-63 23.6			
	6 37 24	-63 23.6			
120	6 36 50	-63 14.7			
	6 36 50	-63 14.7			
	6 36 50	-63 14.7			

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A 14256

NEB.	α	δ	COMP. STARS	α	δ
114	6 31 41	-63 0.0	-62 695		
	6 31 41	-63 0.0	-62 655		
	6 31 41	-63 0.0	6 40 6 -63 1.0		
	Δ α = 632″	Δ δ = 38.7′	6 29 34 -62 22.3		
	= 72.0 mm	= 39.5 mm			
115	6 31 46	-63 53.6			
	6 31 46	-63 53.7			
	6 31 46	-63 53.6			
116	6 33 1	-62 55.1			
	6 33 0	-62 55.1			
	6 33 0	-62 55.1			
117	6 33 10	-62 57.1			
	6 33 9	-62 57.1			
	6 33 10	-62 57.1			
79	6 27 35	-64 40.3	-64 577		
	6 27 35	-64 48.2	-64 549		
	6 27 35	-64 40.2	6 30 48 -64 49.4		
	Δ α = 488″	Δ δ = 35.1′	6 22 40 -64 14.3		
	= 53.0 mm	= 34.5 mm			
81	6 29 39	-64 31.6			
	6 29 39	-64 31.6			
	6 29 39	-64 31.6			
82	6 30 20	-64 28.0			
	6 30 20	-64 28.0			
	6 30 20	-64 28.0			

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A 14256
NEB.

	α			δ			COMP. STARS	α			δ		
83	6	28	48	-64	27.6		6	30	48	-64	49.4	
	6	28	48	-64	27.5		6	22	40	-64	14.3	
	6	28	48	-64	27.6							
84	6	26	49	-64	19.9							
neb?	6	26	49	-64	19.9							
	6	26	49	-64	19.9							
224	6	23	49	-64	15.3							
	6	23	49	-64	15.3							
	6	23	49	-64	15.3							
225	6	23	35	-64	18.9							
	6	23	35	-64	18.9							
2 stars of A 15870	~~6~~	~~23~~	~~35~~	~~-64~~	~~18.4~~							
226	6	23	44	-64	20.4							
	6	23	44	-64	20.5							
	6	23	44	-64	20.4							
227	6	23	49	-64	20.9							
	6	23	49	-64	20.9							
	6	23	49	-64	20.9							
228	6	24	58	-64	26.5							
	6	24	58	-64	26.5							
	6	24	58	-64	26.5							

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H 14256
NEB.

	α	δ	Comp. Stars	α	δ
229	6 25 3	-64 27.0	6 30 48 -64 49.4		
	6 25 3	-64 27.0	6 22 40 -64 14.3		
	6 25 3	-64 27.0			
230	6 24 53	-64 32.6			
	6 24 53	-64 32.6			
	6 24 53	-64 32.6			
231	6 22 58	-64 31.1			
	6 22 58	-64 31.1			
	6 22 58	-64 31.1			
268	6 26 12	-64 46.9			
	6 26 12	-64 46.9			
	6 26 12	-64 46.9			
269	6 25 7	-64 40.8			
	6 25 7	-64 40.7			
	6 25 7	-64 40.8			
273	6 22 53	-64 48.4			
	6 22 54	-64 48.4			
	6 22 54	-64 48.4			
93	6 31 23	-64 0.7	-64 572		
	6 31 23	-64 0.6	-63 595		
	6 31 23	-64 0.6	6 29 0 -64 6.2		
	Δα = 162″	Δδ = 26.1′	6 31 42 -63 40.1		
	= 17.0 mm	= 26.0 mm			

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214
H 14256
NEB.

	α			δ			Comp. Stars	α			δ		
94	6	31	4	-64	0.2		6 29 0			-64	6.2		
	6	31	4	-64	0.1		6 31 42			-63	40.1		
neb?	6	31	4	-64	0.2								
95	6	30	54	-64	1.2								
	6	30	54	-64	1.1								
star: of A 15870	~~6~~	~~30~~	~~54~~	~~-64~~	~~1.2~~								
105	6	29	9	-63	43.2								
	6	29	9	-63	43.1								
	6	29	9	-63	43.2								
78	6	30	58	-65	18.6		-65 645						
	6	30	58	-65	18.6		-64 577						
	6	30	58	-65	18.6		6 41 30			-65	21.9		
	Δα = 642"			Δ δ = 32.5'			6 30 48			-64	49.4		
	= 65.0 mm			= 34.0 mm									
85	6	25	50	-64	7.3		-64 549						
	6	25	50	-64	7.3		-63 590						
	6	25	50	-64	7.3		6 22 40			-64	14.3		
	Δα = 486"			Δ δ = 47.0'			6 30 46			-63	27.3		
	= 52.5 mm			= 48.0 mm									
86	6	25	45	-64	6.3								
	6	25	45	-64	6.3								
	6	25	45	-64	6.3								

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A 14256

NEB.	α			δ			COMP. STARS	α		δ	
87	6	26	55	-64	9.7		6	22	40	-64	14.3
	6	26	54	-64	9.7		6	30	46	-63	27.3
neb.?	6	26	54	-64	9.7						
88	6	28	23	-64	9.7						
	6	28	22	-64	9.7						
2 stars of 1.5870	~~6~~	~~28~~	~~22~~	~~-64~~	~~9.7~~						
106	6	28	46	-63	31.9						
	6	28	46	-63	32.0						
	6	28	46	-63	32.0						
107	6	28	0	-63	31.1						
	6	27	59	-63	31.0						
	6	28	0	-63	31.0						
202	6	23	8	-63	31.1						
	6	23	8	-63	31.0						
	6	23	8	-63	31.0						
203	6	23	12	-63	32.5						
	6	23	12	-63	32.5						
	6	23	12	-63	32.5						
208	6	26	30	-64	33.1						
	6	26	31	-64	33.0						
	6	26	30	-64	33.0						

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1930phae.proj.2329M

216
A 14256
NEB.

	α			δ		Comp. Stars	α			δ	
210	6	26	13	−64	45.7	6	22	40	−64	14.3	
	6	26	13	−64	45.7	6	30	46	−63	27.3	
	6	26	13	−64	45.7						
211	6	26	11	−63	46.2						
	6	26	11	−63	46.2						
	6	26	11	−63	46.2						
212	6	26	4	−63	45.7						
	6	26	4	−63	45.7						
	6	26	4	−63	45.7						
213	6	25	59	−63	47.7						
	6	25	59	−63	47.7						
star: cf. A 15870	~~6~~	~~25~~	~~59~~	~~−63~~	~~47.7~~						
214	6	23	49	−63	45.7						
	6	23	50	−63	45.7						
	6	23	50	−63	45.7						
215	6	23	40	−63	46.2						
	6	23	40	−63	46.2						
	6	23	40	−63	46.2						
216	6	23	45	−63	48.7						
	6	23	45	−63	48.7						
	6	23	45	−63	48.7						

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A 14256

Neb.	α	δ	Comp. Stars	α	δ
219	6 23 45	-64 5.3			
	6 23 45	-64 5.3			
star of A15870	~~6 23 45~~	~~-64 5.3~~			
110	6 27 58	-63 14.8	-63 590		
	6 29 57	-63 14.9	-62 632		
	6 29 58	-63 14.8	6 30 46 -63 27.3		
	Δα = 454′	Δδ = 32.4′	6 23 12 -62 54.9		
	= 52.0 mm	= 32.4 mm			
111	6 30 7	-63 13.4			
	6 30 7	-63 13.4			
	6 30 7	-63 13.4			
112	6 29 58	-63 12.9			
	6 29 57	-63 12.9			
	6 29 58	-63 12.9			
197	6 24 38	-62 59.9			
	6 24 39	-62 59.9			
	6 24 38	-62 59.9			
198	6 23 21	-63 12.9			
	6 23 20	-63 12.9			
	6 23 20	-63 12.9			
199	6 24 6	-63 17.4			
	6 24 4	-63 17.4			
	6 24 5	-63 17.4			

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H 14256
NEB.

	α			δ			Comp. Stars	α	δ
200	6	24	14	-63	17.9		6 30 46		-63 27.3
	6	24	13	-63	17.9		6 23 12		-62 54.9
	6	24	14	-63	17.9				
204	6	25	23	-63	26.4				
	6	25	23	-63	26.4				
	6	25	23	-63	26.4				
205	6	26	59	-63	15.9				
	6	26	59	-63	15.9				
	6	26	59	-63	15.9				
206	6	27	47	-63	18.9				
	6	27	47	-63	18.9				
	6	27	47	-63	18.9				
207	6	27	30	-63	22.4				
	6	27	29	-63	22.4				
	6	27	30	-63	22.4				
209	6	24	44	-63	1.9				
	6	24	44	-63	1.9				
	6	24	44	-63	1.9				
189	6	29	12	-62	31.1				-62 63.2
	6	29	12	-62	31.1				-62 65.5
	6	29	12	-62	31.1		6 23 12		-62 54.9
	Δα = 382"			Δδ = 32.6'			6 29 34		-62 22.3
	= 43.5 mm			= 33.5 mm					

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A14256
NEB.

	α		δ		COMP. STARS	α	δ
190	6	29	4	-62 31.5	6	23 12	-62 54.9
	6	29	3	-62 31.5	6	29 34	-62 22.3
	6	29	4	-62 31.5			
191	6	28	46	-62 31.1			
	6	28	47	-62 31.1			
	6	28	46	-62 31.1			
192	6	28	59	-62 32.0			
	6	28	59	-62 32.0			
	6	28	59	-62 32.0			
193	6	26	56	-62 24.2			
	6	26	56	-62 24.2			
	6	26	56	-62 24.2			
194	6	26	34	-62 28.6			
	6	26	34	-62 28.6			
	6	26	34	-62 28.6			
195	6	24	31	-62 32.0			
	6	24	31	-62 32.0			
	6	24	31	-62 32.0			
196	6	27	57	-62 53.4			
	6	27	57	-62 53.4			
	6	27	57	-62 53.4			

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220
H 14256
NEB.

	α	δ	Comp. Stars	ℓ	8
184	6 24 34	-61 54.3	-62 655		
	6 24 34	-61 54.2	-61 625		
			6 29 34 -62 22.3		
	Δα = 706″	Δ δ = 28.6′	6 17 48 -61 53.7		
	= 83.5 mm	= 26.5 mm			
185	6 24 30	-62 11.8			
	6 24 30	-62 12.0			
186	6 24 12	-62 18.5			
	6 24 13	-62 18.5			
187	6 26 41	-62 14.2			
	6 26 42	-62 14.2			
312	6 22 58	-61 41.4	-61 625		
	6 22 59	-61 41.4	-61 642		
			6 17 48 -61 53.7		
	Δα -419″	Δ δ = 35.0′	6 24 47 -61 18.7		
	= 48.5 mm	= 37.0 mm			
313	6 22 42	-61 40.5			
	6 22 42	-61 40.5			

CONTINUED IN BOOK 8, PAGE 9

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1930phae.proj..232O

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Plate No.	Page	Errors
10125	10-6	2 off slightly in dec.
		8 " " " "
		41 " " R.A.
		60 " " "
		97 " " " "
14109	22	20 off " " R.A. & Dec.
		184 " " " "
		106 " " " "
		30 " " " "
		108 " " " "
		148 " " " "
~~Pos of mrk. 187 - 212 added later, not found.~~		
6761	83	65 pos. not found. Thrrare
		2 + this one at 21h 28m -16 9
		14 pos not found. Duplicate
		~~as above + this at 21 27 -16 8~~
3386	67	64 + 96 about 5' off in dec. Wrong
		comp. star used.
		51, 53 + 13 no positions found
		116 and up, no pos. found
13082	13+14	31, 33, 34 + 35 off in R.A. due
		probably to comp star +31 269

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