

For modified polar alignment scopes (image: rightside up and backwards).  
 Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	1/2	1/8	1/14	1/21	1/28	Std_Time
16:00	50	51	52	54	55	16:00
16:24	51	52	53	55	56	16:24
16:48	52	53	54	56	57	16:48
-----						
17:12	53	54	55	57	58	17:12
17:36	54	55	56	58	59	17:36
18:00	55	56	57	59	60	18:00
-----						
18:24	56	57	58	60	1	18:24
18:48	57	58	59	1	2	18:48
19:12	58	59	60	2	3	19:12
-----						
19:36	59	60	1	3	4	19:36
20:00	60	1	2	4	5	20:00
20:24	1	2	3	5	6	20:24
-----						
20:48	2	3	4	6	7	20:48
21:12	3	4	5	7	8	21:12
21:36	4	5	6	8	9	21:36
-----						
22:00	5	6	7	9	10	22:00
22:24	6	7	8	10	11	22:24
22:48	7	8	9	10	12	22:48
-----						
23:12	8	9	10	11	13	23:12
23:36	9	10	11	12	14	23:36
24:00	10	11	12	13	15	24:00
-----						
00:24	11	12	13	14	16	00:24
00:48	12	13	14	15	17	00:48
01:12	13	14	15	16	18	01:12
-----						
01:36	14	15	16	17	19	01:36
02:00	15	16	17	18	20	02:00
02:24	16	17	18	19	21	02:24
-----						
02:48	17	18	19	20	22	02:48
03:12	18	19	20	22	23	03:12
03:36	19	20	21	23	24	03:36
-----						
04:00	20	21	22	24	25	04:00

For modified polar alignment scopes (image: rightside up and backwards).  
 Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	2/2	2/8	2/14	2/21	2/28	Std_Time
16:00	55	56	57	59	60	16:00
16:24	56	57	58	60	1	16:24
16:48	58	58	59	1	2	16:48
-----						
17:12	59	59	60	2	3	17:12
17:36	60	1	1	3	4	17:36
18:00	1	2	2	4	5	18:00
-----						
18:24	2	3	4	5	6	18:24
18:48	3	4	5	6	7	18:48
19:12	4	5	6	7	8	19:12
-----						
19:36	5	6	7	8	9	19:36
20:00	6	7	8	9	10	20:00
20:24	7	8	9	10	11	20:24
-----						
20:48	8	9	10	11	12	20:48
21:12	9	10	10	12	13	21:12
21:36	10	10	11	13	14	21:36
-----						
22:00	10	11	12	14	15	22:00
22:24	11	12	13	15	16	22:24
22:48	12	13	14	16	17	22:48
-----						
23:12	13	14	15	17	18	23:12
23:36	14	15	16	18	19	23:36
24:00	15	16	17	19	20	24:00
-----						
00:24	16	17	18	20	21	00:24
00:48	17	18	19	21	22	00:48
01:12	18	19	20	22	23	01:12
-----						
01:36	19	20	21	23	24	01:36
02:00	20	21	22	24	25	02:00
02:24	21	22	23	25	26	02:24
-----						
02:48	22	23	24	26	27	02:48
03:12	23	24	25	27	28	03:12
03:36	24	25	26	28	29	03:36
-----						
04:00	25	26	27	29	30	04:00

For modified polar alignment scopes (image: rightside up and backwards).  
Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	3/2	3/8	3/14	3/21	3/28	Std_Time
16:00	60	1	2	3	4	16:00
16:24	1	2	3	4	5	16:24
16:48	2	3	4	5	6	16:48
-----						
17:12	3	4	5	6	7	17:12
17:36	4	5	6	7	8	17:36
18:00	5	6	7	8	9	18:00
-----						
18:24	6	7	8	9	10	18:24
18:48	7	8	9	10	11	18:48
19:12	8	9	10	11	12	19:12
-----						
19:36	9	10	11	12	13	19:36
20:00	10	11	12	13	14	20:00
20:24	11	12	13	14	15	20:24
-----						
20:48	12	13	14	15	16	20:48
21:12	13	14	15	16	17	21:12
21:36	14	15	16	17	18	21:36
-----						
22:00	15	16	17	18	19	22:00
22:24	16	17	18	19	20	22:24
22:48	17	18	19	20	21	22:48
-----						
23:12	18	19	20	21	22	23:12
23:36	19	20	21	22	23	23:36
24:00	20	21	22	23	24	24:00
-----						
00:24	21	22	23	24	25	00:24
00:48	22	23	24	25	26	00:48
01:12	23	24	25	26	27	01:12
-----						
01:36	24	25	26	27	28	01:36
02:00	25	26	27	28	29	02:00
02:24	26	27	28	29	30	02:24
-----						
02:48	27	28	29	30	31	02:48
03:12	28	29	30	31	32	03:12
03:36	29	30	31	32	33	03:36
-----						
04:00	30	31	32	33	34	04:00

For modified polar alignment scopes (image: rightside up and backwards).  
 Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	4/2	4/8	4/14	4/21	4/28	Std_Time
16:00	5	6	7	8	9	16:00
16:24	6	7	8	9	10	16:24
16:48	7	8	9	10	11	16:48
-----						
17:12	8	9	10	11	12	17:12
17:36	9	10	11	12	13	17:36
18:00	10	11	12	13	14	18:00
-----						
18:24	11	12	13	14	15	18:24
18:48	12	13	14	15	16	18:48
19:12	13	14	15	16	17	19:12
-----						
19:36	14	15	16	17	18	19:36
20:00	15	16	17	18	19	20:00
20:24	16	17	18	19	20	20:24
-----						
20:48	17	18	19	20	21	20:48
21:12	18	19	20	21	22	21:12
21:36	19	20	21	22	23	21:36
-----						
22:00	20	21	22	23	24	22:00
22:24	21	22	23	24	25	22:24
22:48	22	23	24	25	26	22:48
-----						
23:12	23	24	25	26	27	23:12
23:36	24	25	26	27	28	23:36
24:00	25	26	27	28	29	24:00
-----						
00:24	26	27	28	29	30	00:24
00:48	27	28	29	30	31	00:48
01:12	28	29	30	31	32	01:12
-----						
01:36	29	30	31	32	33	01:36
02:00	30	31	32	33	34	02:00
02:24	31	32	33	34	35	02:24
-----						
02:48	32	33	34	35	36	02:48
03:12	33	34	35	36	37	03:12
03:36	34	35	36	37	38	03:36
-----						
04:00	35	36	37	38	39	04:00

For modified polar alignment scopes (image: rightside up and backwards).  
Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	5/2	5/8	5/14	5/21	5/28	Std_Time
16:00	10	11	12	13	14	16:00
16:24	11	12	13	14	15	16:24
16:48	12	13	14	15	16	16:48
-----						
17:12	13	14	15	16	17	17:12
17:36	14	15	16	17	18	17:36
18:00	15	16	17	18	19	18:00
-----						
18:24	16	17	18	19	20	18:24
18:48	17	18	19	20	21	18:48
19:12	18	19	20	21	22	19:12
-----						
19:36	19	20	21	22	23	19:36
20:00	20	21	22	23	24	20:00
20:24	21	22	23	24	25	20:24
-----						
20:48	22	23	24	25	26	20:48
21:12	23	24	25	26	27	21:12
21:36	24	25	26	27	28	21:36
-----						
22:00	25	26	27	28	29	22:00
22:24	26	27	28	29	30	22:24
22:48	27	28	29	30	31	22:48
-----						
23:12	28	29	30	31	32	23:12
23:36	29	30	31	32	33	23:36
24:00	30	31	32	33	34	24:00
-----						
00:24	31	32	33	34	35	00:24
00:48	32	33	34	35	36	00:48
01:12	33	34	35	36	37	01:12
-----						
01:36	34	35	36	37	38	01:36
02:00	35	36	37	38	39	02:00
02:24	36	37	38	39	40	02:24
-----						
02:48	37	38	39	40	41	02:48
03:12	38	39	40	41	42	03:12
03:36	39	40	41	42	43	03:36
-----						
04:00	40	41	42	43	44	04:00

For modified polar alignment scopes (image: rightside up and backwards).  
Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	6/2	6/8	6/14	6/21	6/28	Std_Time
16:00	15	16	17	18	19	16:00
16:24	16	17	18	19	20	16:24
16:48	17	18	19	20	21	16:48
-----						
17:12	18	19	20	21	22	17:12
17:36	19	20	21	22	23	17:36
18:00	20	21	22	23	24	18:00
-----						
18:24	21	22	23	24	25	18:24
18:48	22	23	24	25	26	18:48
19:12	23	24	25	26	27	19:12
-----						
19:36	24	25	26	27	28	19:36
20:00	25	26	27	28	29	20:00
20:24	26	27	28	29	30	20:24
-----						
20:48	27	28	29	30	31	20:48
21:12	28	29	30	31	32	21:12
21:36	29	30	31	32	33	21:36
-----						
22:00	30	31	32	33	34	22:00
22:24	31	32	33	34	35	22:24
22:48	32	33	34	35	36	22:48
-----						
23:12	33	34	35	36	37	23:12
23:36	34	35	36	37	38	23:36
24:00	35	36	37	38	39	24:00
-----						
00:24	36	37	38	39	40	00:24
00:48	37	38	39	40	41	00:48
01:12	38	39	40	41	43	01:12
-----						
01:36	39	40	41	42	44	01:36
02:00	40	41	42	43	45	02:00
02:24	41	42	43	44	46	02:24
-----						
02:48	42	43	44	45	47	02:48
03:12	43	44	45	46	48	03:12
03:36	44	45	46	47	49	03:36
-----						
04:00	45	46	47	48	50	04:00

For modified polar alignment scopes (image: rightside up and backwards).  
 Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	7/2	7/8	7/14	7/21	7/28	Std_Time
16:00	20	21	22	23	24	16:00
16:24	21	22	23	24	25	16:24
16:48	22	23	24	25	26	16:48
-----						
17:12	23	24	25	26	27	17:12
17:36	24	25	26	27	28	17:36
18:00	25	26	27	28	29	18:00
-----						
18:24	26	27	28	29	30	18:24
18:48	27	28	29	30	31	18:48
19:12	28	29	30	31	32	19:12
-----						
19:36	29	30	31	32	33	19:36
20:00	30	31	32	33	34	20:00
20:24	31	32	33	34	35	20:24
-----						
20:48	32	33	34	35	36	20:48
21:12	33	34	35	36	37	21:12
21:36	34	35	36	37	38	21:36
-----						
22:00	35	36	37	38	39	22:00
22:24	36	37	38	39	40	22:24
22:48	37	38	39	40	41	22:48
-----						
23:12	38	39	40	41	42	23:12
23:36	39	40	41	42	43	23:36
24:00	40	41	42	43	44	24:00
-----						
00:24	41	42	43	44	45	00:24
00:48	42	43	44	45	46	00:48
01:12	43	44	45	46	47	01:12
-----						
01:36	44	45	46	47	48	01:36
02:00	45	46	47	48	49	02:00
02:24	46	47	48	49	50	02:24
-----						
02:48	47	48	49	50	51	02:48
03:12	48	49	50	51	52	03:12
03:36	49	50	51	52	53	03:36
-----						
04:00	50	51	52	53	54	04:00

For modified polar alignment scopes (image: rightside up and backwards).  
Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	8/2	8/8	8/14	8/21	8/28	Std_Time
16:00	25	26	27	28	29	16:00
16:24	26	27	28	29	30	16:24
16:48	27	28	29	30	31	16:48
-----						
17:12	28	29	30	31	32	17:12
17:36	29	30	31	32	33	17:36
18:00	30	31	32	33	34	18:00
-----						
18:24	31	32	33	34	35	18:24
18:48	32	33	34	35	36	18:48
19:12	33	34	35	36	37	19:12
-----						
19:36	34	35	36	37	38	19:36
20:00	35	36	37	38	39	20:00
20:24	36	37	38	39	40	20:24
-----						
20:48	37	38	39	40	41	20:48
21:12	38	39	40	41	42	21:12
21:36	39	40	41	42	44	21:36
-----						
22:00	40	41	42	43	45	22:00
22:24	41	42	43	44	46	22:24
22:48	42	43	44	45	47	22:48
-----						
23:12	43	44	45	46	48	23:12
23:36	44	45	46	47	49	23:36
24:00	45	46	47	48	50	24:00
-----						
00:24	46	47	48	49	51	00:24
00:48	47	48	49	50	52	00:48
01:12	48	49	50	51	53	01:12
-----						
01:36	49	50	51	52	54	01:36
02:00	50	51	52	53	55	02:00
02:24	51	52	53	54	56	02:24
-----						
02:48	52	53	54	55	57	02:48
03:12	53	54	55	56	58	03:12
03:36	54	55	56	57	59	03:36
-----						
04:00	55	56	57	58	60	04:00



For modified polar alignment scopes (image: rightside up and backwards).  
Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	9/2	9/8	9/14	9/21	9/28	Std_Time
16:00	30	31	32	33	35	16:00
16:24	31	32	33	34	36	16:24
16:48	32	33	34	35	37	16:48
-----						
17:12	33	34	35	36	38	17:12
17:36	34	35	36	37	39	17:36
18:00	35	36	37	38	40	18:00
-----						
18:24	36	37	38	39	41	18:24
18:48	37	38	39	40	42	18:48
19:12	38	39	40	41	43	19:12
-----						
19:36	39	40	41	42	44	19:36
20:00	40	41	42	43	45	20:00
20:24	41	42	43	44	46	20:24
-----						
20:48	42	43	44	45	47	20:48
21:12	43	44	45	46	48	21:12
21:36	44	45	46	47	49	21:36
-----						
22:00	45	46	47	48	50	22:00
22:24	46	47	48	49	51	22:24
22:48	47	48	49	50	52	22:48
-----						
23:12	48	49	50	51	53	23:12
23:36	49	50	51	52	54	23:36
24:00	50	51	52	53	55	24:00
-----						
00:24	51	52	53	54	56	00:24
00:48	52	53	54	55	57	00:48
01:12	53	54	55	57	58	01:12
-----						
01:36	54	55	56	58	59	01:36
02:00	55	56	57	59	60	02:00
02:24	56	57	58	60	1	02:24
-----						
02:48	57	58	59	1	2	02:48
03:12	58	59	60	2	3	03:12
03:36	59	60	1	3	4	03:36
-----						
04:00	60	1	2	4	5	04:00

For modified polar alignment scopes (image: rightside up and backwards).  
Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	10/2	10/8	10/14	10/21	10/28	Std_Time
16:00	35	36	37	38	39	16:00
16:24	36	37	38	39	40	16:24
16:48	37	38	39	40	41	16:48
-----						
17:12	38	39	40	41	42	17:12
17:36	39	40	41	42	43	17:36
18:00	40	41	42	43	44	18:00
-----						
18:24	41	42	43	44	46	18:24
18:48	42	43	44	45	47	18:48
19:12	43	44	45	46	48	19:12
-----						
19:36	44	45	46	47	49	19:36
20:00	45	46	47	48	50	20:00
20:24	46	47	48	49	51	20:24
-----						
20:48	47	48	49	50	52	20:48
21:12	48	49	50	51	53	21:12
21:36	49	50	51	52	54	21:36
-----						
22:00	50	51	52	53	55	22:00
22:24	51	52	53	54	56	22:24
22:48	52	53	54	55	57	22:48
-----						
23:12	53	54	55	56	58	23:12
23:36	54	55	56	57	59	23:36
24:00	55	56	57	58	60	24:00
-----						
00:24	56	57	58	59	1	00:24
00:48	57	58	59	60	2	00:48
01:12	58	59	60	1	3	01:12
-----						
01:36	59	60	1	2	4	01:36
02:00	60	1	2	3	5	02:00
02:24	1	2	3	4	6	02:24
-----						
02:48	2	3	4	5	7	02:48
03:12	3	4	5	6	8	03:12
03:36	4	5	6	7	9	03:36
-----						
04:00	5	6	7	8	10	04:00

For modified polar alignment scopes (image: rightside up and backwards).  
Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	11/2	11/8	11/14	11/21	11/28	Std_Time
16:00	40	41	42	43	45	16:00
16:24	41	42	43	44	46	16:24
16:48	42	43	44	45	47	16:48
-----						
17:12	43	44	45	46	48	17:12
17:36	44	45	46	47	49	17:36
18:00	45	46	47	48	50	18:00
-----						
18:24	46	47	48	49	51	18:24
18:48	47	48	49	50	52	18:48
19:12	48	49	50	51	53	19:12
-----						
19:36	49	50	51	52	54	19:36
20:00	50	51	52	53	55	20:00
20:24	51	52	53	54	56	20:24
-----						
20:48	52	53	54	55	57	20:48
21:12	53	54	55	56	58	21:12
21:36	54	55	56	58	59	21:36
-----						
22:00	55	56	57	59	60	22:00
22:24	56	57	58	60	1	22:24
22:48	57	58	59	1	2	22:48
-----						
23:12	58	59	60	2	3	23:12
23:36	59	60	1	3	4	23:36
24:00	60	1	2	4	5	24:00
-----						
00:24	1	2	3	5	6	00:24
00:48	2	3	4	6	7	00:48
01:12	3	4	5	7	8	01:12
-----						
01:36	4	5	6	8	9	01:36
02:00	5	6	7	9	10	02:00
02:24	6	7	8	10	11	02:24
-----						
02:48	7	8	9	10	12	02:48
03:12	8	9	10	11	13	03:12
03:36	9	10	11	12	14	03:36
-----						
04:00	10	11	12	13	15	04:00

For modified polar alignment scopes (image: rightside up and backwards).  
 Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	12/2	12/8	12/14	12/21	12/28	Std_Time
16:00	45	46	47	48	50	16:00
16:24	46	47	48	49	51	16:24
16:48	47	48	49	50	52	16:48
-----						
17:12	48	49	50	51	53	17:12
17:36	49	50	51	52	54	17:36
18:00	50	51	52	53	55	18:00
-----						
18:24	51	52	53	54	56	18:24
18:48	52	53	54	55	57	18:48
19:12	53	54	55	56	58	19:12
-----						
19:36	54	55	56	57	59	19:36
20:00	55	56	57	58	60	20:00
20:24	56	57	58	59	1	20:24
-----						
20:48	57	58	59	60	2	20:48
21:12	58	59	60	1	3	21:12
21:36	59	60	1	2	4	21:36
-----						
22:00	60	1	2	3	5	22:00
22:24	1	2	3	4	6	22:24
22:48	2	3	4	5	7	22:48
-----						
23:12	3	4	5	6	8	23:12
23:36	4	5	6	7	9	23:36
24:00	5	6	7	8	10	24:00
-----						
00:24	6	7	8	9	10	00:24
00:48	7	8	9	10	11	00:48
01:12	8	9	10	11	12	01:12
-----						
01:36	9	10	11	12	13	01:36
02:00	10	11	12	13	14	02:00
02:24	11	12	13	14	15	02:24
-----						
02:48	12	13	14	15	17	02:48
03:12	13	14	15	16	18	03:12
03:36	14	15	16	17	19	03:36
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04:00	15	16	17	18	20	04:00