

FORM 4

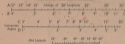
NAVIGATOR'S LOG BOOK

NAME: SGT SABWOSKY

LOG AND CHART ASSESSMENT

Section	1 2 3		
	8/3	11/3	12/3
Date	HAMBURG	DEUTSCHEN	DEUTSCHEN
<u>Chart Reading</u>			
Synopsis and Times	4	1	1
Airplot	4		
Neatness	3		
<u>Log Reading</u>			
Instrument checks	4		
Correct Columns used	4		
Times & Heights accurately logged	4		
Turning Point letters used	4		
Tactical manoeuvres logged	4		
Resetting AET logged	4		
Logging of hts etc on a/c	4		
Logging Radar fixes and D.R. points	4		
Revised P.T.'s	4		
Reporting of broadcast winds	4		
Logging of found winds	4		
Instrument Readings at Target	4		
<u>Procedure</u>			
Regular plotting of Air points	3		
Regular resetting of A.P.I.	4		
Alterations from D.R. points and fixes	4		N/A
<u>Geo</u>			
Fixes on exact minute	4		
Accuracy of plotting	4		
<u>Concentration</u>			
EPA checks	4		N/A
Action on EPA checks	3		
Tracking	3		
Action of off track	4		
<u>Winds</u>			
Regularity in wind finding	4		
Finding wind at top of climb	3		
Using winds found	3		
Wind finding periods	4		
<u>DR</u>			
Correct use of E/Cast winds	1		
Running fixes - Trend G/S checks	1		
Correct Snap procedure	1		
<u>GETASHE</u>			
Regular checks	4		
Procedure with snags	4		
<u>Calculation - accuracy</u>			
	4		
Initials of navigator as having seen			

CONVERSION ANGLE TABLE



TO FIND CONVERSION ANGLE
 Place finger in 10 or 20 on top scale to change of longitude. Then find corresponding value on the bottom scale.
 Example: 10° change of longitude will result in 17' change of latitude.

TO FIND CONVERSION ANGLE

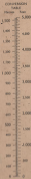
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Place finger in 10 or 20 on top scale to change of longitude. Then find corresponding value on the bottom scale.
 Example: 10° change of longitude will result in 17' change of latitude.

USEFUL DATA

NAUTICAL MILES, STATUTE MILES, KILOMETERS							
Nautical Miles	Statute Miles	Kilometers	Nautical Miles	Statute Miles	Kilometers	Nautical Miles	Statute Miles
1	1.15	1.85	1	1.15	1.85	1	1.15
2	2.30	3.70	2	2.30	3.70	2	2.30
3	3.45	5.55	3	3.45	5.55	3	3.45
4	4.60	7.40	4	4.60	7.40	4	4.60
5	5.75	9.25	5	5.75	9.25	5	5.75
6	6.90	11.10	6	6.90	11.10	6	6.90
7	8.05	12.95	7	8.05	12.95	7	8.05
8	9.20	14.80	8	9.20	14.80	8	9.20
9	10.35	16.65	9	10.35	16.65	9	10.35
10	11.50	18.50	10	11.50	18.50	10	11.50
11	12.65	20.35	11	12.65	20.35	11	12.65
12	13.80	22.20	12	13.80	22.20	12	13.80
13	14.95	24.05	13	14.95	24.05	13	14.95
14	16.10	25.90	14	16.10	25.90	14	16.10
15	17.25	27.75	15	17.25	27.75	15	17.25
16	18.40	29.60	16	18.40	29.60	16	18.40
17	19.55	31.45	17	19.55	31.45	17	19.55
18	20.70	33.30	18	20.70	33.30	18	20.70
19	21.85	35.15	19	21.85	35.15	19	21.85
20	23.00	37.00	20	23.00	37.00	20	23.00
21	24.15	38.85	21	24.15	38.85	21	24.15
22	25.30	40.70	22	25.30	40.70	22	25.30
23	26.45	42.55	23	26.45	42.55	23	26.45
24	27.60	44.40	24	27.60	44.40	24	27.60
25	28.75	46.25	25	28.75	46.25	25	28.75
26	29.90	48.10	26	29.90	48.10	26	29.90
27	31.05	49.95	27	31.05	49.95	27	31.05
28	32.20	51.80	28	32.20	51.80	28	32.20
29	33.35	53.65	29	33.35	53.65	29	33.35
30	34.50	55.50	30	34.50	55.50	30	34.50
31	35.65	57.35	31	35.65	57.35	31	35.65
32	36.80	59.20	32	36.80	59.20	32	36.80
33	37.95	61.05	33	37.95	61.05	33	37.95
34	39.10	62.90	34	39.10	62.90	34	39.10
35	40.25	64.75	35	40.25	64.75	35	40.25
36	41.40	66.60	36	41.40	66.60	36	41.40
37	42.55	68.45	37	42.55	68.45	37	42.55
38	43.70	70.30	38	43.70	70.30	38	43.70
39	44.85	72.15	39	44.85	72.15	39	44.85
40	46.00	74.00	40	46.00	74.00	40	46.00
41	47.15	75.85	41	47.15	75.85	41	47.15
42	48.30	77.70	42	48.30	77.70	42	48.30
43	49.45	79.55	43	49.45	79.55	43	49.45
44	50.60	81.40	44	50.60	81.40	44	50.60
45	51.75	83.25	45	51.75	83.25	45	51.75
46	52.90	85.10	46	52.90	85.10	46	52.90
47	54.05	86.95	47	54.05	86.95	47	54.05
48	55.20	88.80	48	55.20	88.80	48	55.20
49	56.35	90.65	49	56.35	90.65	49	56.35
50	57.50	92.50	50	57.50	92.50	50	57.50
51	58.65	94.35	51	58.65	94.35	51	58.65
52	59.80	96.20	52	59.80	96.20	52	59.80
53	60.95	98.05	53	60.95	98.05	53	60.95
54	62.10	99.90	54	62.10	99.90	54	62.10
55	63.25	101.75	55	63.25	101.75	55	63.25
56	64.40	103.60	56	64.40	103.60	56	64.40
57	65.55	105.45	57	65.55	105.45	57	65.55
58	66.70	107.30	58	66.70	107.30	58	66.70
59	67.85	109.15	59	67.85	109.15	59	67.85
60	69.00	111.00	60	69.00	111.00	60	69.00
61	70.15	112.85	61	70.15	112.85	61	70.15
62	71.30	114.70	62	71.30	114.70	62	71.30
63	72.45	116.55	63	72.45	116.55	63	72.45
64	73.60	118.40	64	73.60	118.40	64	73.60
65	74.75	120.25	65	74.75	120.25	65	74.75
66	75.90	122.10	66	75.90	122.10	66	75.90
67	77.05	123.95	67	77.05	123.95	67	77.05
68	78.20	125.80	68	78.20	125.80	68	78.20
69	79.35	127.65	69	79.35	127.65	69	79.35
70	80.50	129.50	70	80.50	129.50	70	80.50
71	81.65	131.35	71	81.65	131.35	71	81.65
72	82.80	133.20	72	82.80	133.20	72	82.80
73	83.95	135.05	73	83.95	135.05	73	83.95
74	85.10	136.90	74	85.10	136.90	74	85.10
75	86.25	138.75	75	86.25	138.75	75	86.25
76	87.40	140.60	76	87.40	140.60	76	87.40
77	88.55	142.45	77	88.55	142.45	77	88.55
78	89.70	144.30	78	89.70	144.30	78	89.70
79	90.85	146.15	79	90.85	146.15	79	90.85
80	92.00	148.00	80	92.00	148.00	80	92.00
81	93.15	149.85	81	93.15	149.85	81	93.15
82	94.30	151.70	82	94.30	151.70	82	94.30
83	95.45	153.55	83	95.45	153.55	83	95.45
84	96.60	155.40	84	96.60	155.40	84	96.60
85	97.75	157.25	85	97.75	157.25	85	97.75
86	98.90	159.10	86	98.90	159.10	86	98.90
87	100.05	160.95	87	100.05	160.95	87	100.05
88	101.20	162.80	88	101.20	162.80	88	101.20
89	102.35	164.65	89	102.35	164.65	89	102.35
90	103.50	166.50	90	103.50	166.50	90	103.50
91	104.65	168.35	91	104.65	168.35	91	104.65
92	105.80	170.20	92	105.80	170.20	92	105.80
93	106.95	172.05	93	106.95	172.05	93	106.95
94	108.10	173.90	94	108.10	173.90	94	108.10
95	109.25	175.75	95	109.25	175.75	95	109.25
96	110.40	177.60	96	110.40	177.60	96	110.40
97	111.55	179.45	97	111.55	179.45	97	111.55
98	112.70	181.30	98	112.70	181.30	98	112.70
99	113.85	183.15	99	113.85	183.15	99	113.85
100	115.00	185.00	100	115.00	185.00	100	115.00



Dec 2nd SUN

TIME	LOG TRACK (T)	W/V USED AND COMPUTED DRIFT	Course (T)	MARK	Course (M)	Compass Corr. for Dev.	Course (C)	NAVIGATIONAL OBSERVATIONS (Fix, Pole, Star, Position Lines, Actual P.M.C. Actual D.R., CG and W/V Measurements, etc.)	GENERAL		HEIGHT & XEN. TEMP.	T.S.I.	D.R. G.S.	DIST. TO SUN	D.R. TIME	E.T.A.
									Wet Conditions, Barometric, Wind, Enemy Action	R.A.S.						
1037	0937							855 -83	842							
1040								9° 11' -17	898							
1045								9 39 -13	926							
1047	20							9 54 -13	941							
1055								9 58 -12	943							
1055	10							10 19 -12	1000	✓						
1057	55							10 28 -12	1015	✓						
11 00	50							10 40 -15	1027	✓						
11 04	05							10 48 -12	1035	✓						
11 06	05							10 57 -12	1038	✓						
11 06	25							10 55 -13	1043							
11 06	10							10 57 -12	1025							
11 09	20							10 22 -12	1009	✓						
11 12	35							10 11 -13	958	✓						
11 14	10							9 54 -13	941	✓						
11 16	00							9 42 -13	929	✓						
11 21	55							9 34 -12	921	✓						

