

## CU49 - Plotting Chart.xls

	A	B	C	D	E
1	Date	Time	Course in Degrees	Speed in Knots	Comments
2	1-Dec-1944	8:36			U.S.S. Mayo, flag ship for Task Group 21.6, underway from the port side to South side of the 35th St. Pier, Brooklyn, N.Y.
3	1-Dec-1944	9:23		10.0	Passed thru anti-submarine net - Port of New York.
4	1-Dec-1944	10:15		12.0	Speed increase between Buoy 1A and Gedney Buoy.
5	1-Dec-1944	11:11		10.0	Speed decrease near buoy G.
6	1-Dec-1944	13:40		10.0	Departed point Zebra.
7	1-Dec-1944	13:45	087 T	10.0	Forming convoy columns.
8	1-Dec-1944	14:08	087 T	9.0	Speed decrease.
9	1-Dec-1944	15:25	087 T	12.0	Speed increase.
10	1-Dec-1944	15:39	087 T	9.0	Speed decrease.
11	1-Dec-1944	16:36	087 T	12.0	Speed increase.
12	2-Dec-1944		087 T	13.0	Speed increase - time not reported. During First watch ?
13	2-Dec-1944	13:00	067T	13.0	Course change.
14	2-Dec-1944	13:30	055 T	13.0	Course change.
15	3-Dec-1944	1:00	055 T	13.0	Time change - plus one hour.
16	3-Dec-1944	3:00	075 T	13.0	Course change.
17	3-Dec-1944	3:30	100 T	13.0	Course change.
18	3-Dec-1944		100 T	12.0	Speed decrease - time not reported. During Middle watch ?
19	3-Dec-1944	4:50	100 T	14.0	Speed increase.
20	3-Dec-1944	8:42	100 T	12.0	Slowed to facilitate rendezvous with Boston section.
21	3-Dec-1944	10:49	095 T	12.0	Course change.

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	A	B	C	D	E
22	3-Dec-1944	11:45	095 T	10.0	Slowed in face of force 8 winds and heavy seas.
23	3-Dec-1944	13:05	100 T	10.0	Course change to avoid S.S. Exceller effecting repairs.
24	3-Dec-1944	13:30	095 T	10.0	Re-establish base course.
25	3-Dec-1944	16:18	080 T	10.0	Course change.
26	3-Dec-1944		080 T	8.5	Speed decrease - time not reported. During dog watch ?
27	3-Dec-1944	22:07	085 T	8.5	Course change.
28	4-Dec-1944		085 T	10.0	Speed increase - time not reported. During First watch ?
29	4-Dec-1944	5:57	085 T	11.0	Speed increase.
30	4-Dec-1944	6:05	085 T	12.0	Speed increase.
31	4-Dec-1944	6:20	085 T	13.0	Speed increase.
32	4-Dec-1944	6:33	085 T	14.0	Speed increase.
33	4-Dec-1944	6:40	090 T	14.0	Course change.
34	4-Dec-1944	6:47	095 T	14.0	Course change.
35	4-Dec-1944	6:57	100 T	14.0	Course change.
36	4-Dec-1944	10:03	100 T	14.5	Speed increase.
37	4-Dec-1944	14:27	100 T	14.0	Speed decrease.
38	4-Dec-1944		100 T	14.5	Speed increase - time not reported. During Afternoon watch ?
39	5-Dec-1944		100 T	14.0	Speed decrease - time not reported. During First watch ?
40	5-Dec-1944	1:00	100 T	14.0	Time change - plus one hour.
41	5-Dec-1944	7:55	095 T	14.0	Course change.
42	5-Dec-1944	8:00	090 T	14.0	Course change.
43	5-Dec-1944	8:05	085 T	14.0	Course change.
44	5-Dec-1944	17:38	085 T	13.0	Speed decrease.
45	5-Dec-1944	22:03	085 T	13.5	Speed increase.
46	6-Dec-1944		085 T	13.0	Speed decrease - time not reported. During First watch ?

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	A	B	C	D	E
47	6-Dec-1944		085 T	13.5	Speed increase - time not reported. During Middle watch ?
48	6-Dec-1944	7:53	090 T	13.5	Course change.
49	6-Dec-1944	7:59	090 T	14.0	Speed increase.
50	6-Dec-1944	20:00	085 T	14.0	Course change.
51	6-Dec-1944	20:04	080 T	14.0	Course change.
52	7-Dec-1944		080 T	14.0 +	Speed increase in advance of 14 knots - time not reported. During Forenoon watch ?
53	7-Dec-1944	12:52	074 T	14.0 +	Course change.
54	8-Dec-1944		074 T	14.0	Speed decrease - time not reported. During First watch ?
55	8-Dec-1944	1:00	074 T	14.0	Time change - plus one hour.
56	8-Dec-1944		074 T	14.0 +	Speed increase in advance of 14 knots - time not reported. During Middle watch ?
57	8-Dec-1944		074 T	14.0	Speed decrease - time not reported. During Morning watch ?
58	8-Dec-1944		074 T	14.0 +	Speed increase in advance of 14 knots - time not reported. During Forenoon watch ?
59	8-Dec-1944	13:45	072 T	14.0 +	Course change.
60	8-Dec-1944		072 T	14.0	Speed decrease - time not reported. During Afternoon watch ?
61	8-Dec-1944		072 T	14.0 +	Speed increase in advance of 14 knots - time not reported. During dog watch ?

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	A	B	C	D	E
62	9-Dec-1944		072 T	14.0	Speed decrease - time not reported. During First watch ?
63	9-Dec-1944		072 T	14.0 +	Speed increase in advance of 14 knots - time not reported. During Middle watch ?
64	9-Dec-1944		072 T	14.0	Speed decrease - time not reported. During Morning watch ?
65	9-Dec-1944	10:00	047 T	14.0	Course change.
66	9-Dec-1944	11:12	047 T	13.0	Speed decrease.
67	9-Dec-1944	12:00	047 T	12.0	Speed decrease.
68	9-Dec-1944	13:27	047 T	14.0	Speed increase.
69	9-Dec-1944	13:49	066 T	14.0	Course change.
70	9-Dec-1944		066 T	14.0 +	Speed increase in advance of 14 knots - time not reported. During dog watch ?
71	9-Dec-1944	20:15	042 T	14.0 +	Course change.
72	10-Dec-1944		042 T	14.0	Speed decrease - time not reported. During First watch ?
73	10-Dec-1944	1:00	042 T	14.0	Time change - plus one hour.
74	10-Dec-1944	10:18	040 T	14.0	Course change.
75	10-Dec-1944	15:00			English Channel section detaches.
76	10-Dec-1944	15:00	040 T	14.5	Speed increase.
77	10-Dec-1944	15:32	037 T	14.5	Course change.
78	10-Dec-1944	15:36	037 T	14.0	Speed decrease.
79	10-Dec-1944	21:32	057 T	14.0	Course change.
80	11-Dec-1944	4:18	077 T	14.0	Course change.
81	11-Dec-1944	9:07	057 T	14.0	Course change.
82	11-Dec-1944	10:22	057 T	14.5	Speed increase.
83	11-Dec-1944	12:11	045 T	14.5	Course change.
84	11-Dec-1944	13:23	045 T	13.5	Speed decrease.
85	11-Dec-1944	13:45	045 T	14.0	Speed increase.
86	11-Dec-1944	16:30	070 T	14.0	Course change.

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	A	B	C	D	E
87	11-Dec-1944	16:45	070 T	14.0	Entered St. George's Channel.
88	11-Dec-1944	18:00			Bristol Channel section detached.
89	11-Dec-1944	18:20	067 T	14.0	Course change, entered Irish Sea.
90	11-Dec-1944	19:46	087 T	14.0	Course change.
91	11-Dec-1944	19:50	107 T	14.0	Course change to avoid channel traffic.
92	11-Dec-1944		107 T	14.5	Speed increase - time not reported. During dog watch ?
93	11-Dec-1944	20:04	087 T	14.5	Course change.
94	11-Dec-1944	20:14	067 T	14.5	Course change.
95	11-Dec-1944	20:25	047 T	14.5	Course change.
96	11-Dec-1944	21:50	027 T	14.5	Course change.
97	11-Dec-1944	22:04	023 T	14.5	Course change.
98	11-Dec-1944	22:32	028 T	14.5	Course change to avoid channel traffic.
99	11-Dec-1944	22:46	023 T	14.5	Course change.
100	11-Dec-1944	23:35	018 T	14.5	Course change.
101	11-Dec-1944	23:36	013 T	14.5	Course change.
102	12-Dec-1944		023 T	14.0	Course change and speed decrease - time not reported. During First watch ?
103	12-Dec-1944	0:05	008 T	14.0	Course change.
104	12-Dec-1944	0:06	003 T	14.0	Course change.
105	12-Dec-1944	0:15	000 T	13.0	Course change and speed decrease. Entered Irish Sea Submarine Sanctuary.
106	12-Dec-1944	1:00	000 T	13.0	Time change - plus one hour.
107	12-Dec-1944	3:07	000 T	12.0	Speed decrease.

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	A	B	C	D	E
108	12-Dec-1944	5:45			From the English Channel section, the Cherbourg, FR section is detached.
109	12-Dec-1944	5:54			U.S.S. Eisner, flag ship for Escort Division 55 is moored at East Dock, Cardiff, Wales, UK.
110	12-Dec-1944	6:04			From the Irish Sea section, the Greenock section is detached.
111	12-Dec-1944	6:08	048 T	12.0	Course change.
112	12-Dec-1944	6:10	087 T	12.0	Course change.
113	12-Dec-1944	6:45	087 T	14.0	Speed increase.
114	12-Dec-1944	7:39	080 T	14.0	Course change.
115	12-Dec-1944	8:04	070 T	14.0	Course change.
116	12-Dec-1944	8:10	085 T	14.0	Course change.
117	12-Dec-1944	8:12	090 T	14.0	Course change.
118	12-Dec-1944	8:15	085 T	14.0	Course change.
119	12-Dec-1944	8:18			From the English Channel section, the Port of London, UK section is detached.
120	12-Dec-1944	8:35	082 T	14.0	Course change.
121	12-Dec-1944	8:52	083 T	14.0	Course change.
122	12-Dec-1944	9:26	120 T	12.0	Course change and speed decrease.
123	12-Dec-1944	9:35	110 T	12.0	Course change.
124	12-Dec-1944	9:36	105 T	12.0	Course change.
125	12-Dec-1944	9:38	102 T	12.0	Course change.
126	12-Dec-1944	9:40	098 T	12.0	Course change.
127	12-Dec-1944	9:45	098 T	5.0	Speed decrease.
128	12-Dec-1944	9:51	098 T	0.0	Stop engines.
129	12-Dec-1944	10:18	282 T	15.0	Course change and speed increase.
130	12-Dec-1944	10:20	298 T	15.0	Course change.

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	A	B	C	D	E
131	12-Dec-1944	10:22	305 T	15.0	Course change.
132	12-Dec-1944	10:24	320 T	15.0	Course change.
133	12-Dec-1944	10:26	317 T	15.0	Course change.
134	12-Dec-1944	10:31	317 T	10.0	Speed decrease.
135	12-Dec-1944	10:32	285 T	10.0	Course change.
136	12-Dec-1944	10:33	285 T	5.0	Speed decrease.
137	12-Dec-1944	10:34	285 T	10.0	Speed increase.
138	12-Dec-1944	10:35	285 T	15.0	Speed increase.
139	12-Dec-1944	10:38	285 T	10.0	Speed decrease.
140	12-Dec-1944	10:40	285 T	5.0	Speed decrease.
141	12-Dec-1944	10:42	285 T	0.0	Stop engines.
142	12-Dec-1944	10:44	285 T	0.0	Liverpool Pilot Service came aboard.
143	12-Dec-1944	10:50	100 T	15.0	Course change and speed increase.
144	12-Dec-1944	11:05	105 T	15.0	Course change.
145	12-Dec-1944	11:14	110 T	15.0	Course change.
146	12-Dec-1944	11:15	110 T	15.0	Entered Crosby Channel.
147	12-Dec-1944	12:03	110 T	15.0	Entered Mersey River.
148	12-Dec-1944	12:07	170 T	15.0	Course change.
149	12-Dec-1944	12:12	170 T	5.0	Speed decrease.
150	12-Dec-1944	12:17	190 T	5.0	Course change.
151	12-Dec-1944	12:23	190 T	10.0	Speed increase.
152	12-Dec-1944	12:25	190 T	5.0	Speed decrease.
153	12-Dec-1944	12:40		0.0	Speed decrease. Lying off entrance to Vittoria Docks.
154	12-Dec-1944	12:47		0.0	Into lock at Vittoria Dock.
155	12-Dec-1944	13:08		0.0	Flooding of lock.
156	12-Dec-1944	13:32		0.0	Flooding completed.
157	12-Dec-1944	13:48		0.0	Through lock into East Float.
158	12-Dec-1944	13:55		0.0	Entered West Float.
159	12-Dec-1944	14:01		0.0	Entered Vittoria Dock.

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	A	B	C	D	E
160	12-Dec-1944	14:19			U.S.S. Mayo, flag ship for Task Group 21.6, moors to starboard side of Vittoria Dock at Birkenhead, UK.
161	12-Dec-1944	19:00			U.S.S. Cates, flag ship for Escort Division 35, is anchored in Cawsand Bay, Plymouth, UK.
162					
163					Navigation data submitted by LT. A.B. Glidden, U.S.N.R. # 85738, from aboard the U.S.S. Mayo.
164					
165		GT =	40-20-00 N	67-30-00 W	
166		GU =	41-50-00 N	64-40-00 W	
167		GV =	40-15-00 N	52-10-00 W	
168		GW =	41-02-00 N	40-25-00 W	
169		GX =	46-10-00 N	32-05-00 W	Abandoned
170		GY =	49-03-00 N	23-40-00 W	Abandoned
171		GZ =	50-40-00 N	13-10-00 W	
172					
173	mck 5-2-14				