







How they like me,  
 will come to a trial  
 of the ship set upright  
 inside the dark,  
 her scream at the waves  
 grimly opposed:

Ref	1	2	3	4	5	6	7	8
After HW	161	161	161	161	161	161	161	161
1	4.1	2.0	1.8	3.9	1.9	1.02	5.6	2.8
2	3.2	1.6	1.28	3.9	1.9	1.02	5.6	2.8
3	3.5	1.7	1.3	3.8	1.8	0.98	5.4	2.6
4	2.6	1.3	1.35	2.6	1.3	1.19	3.8	1.9
5	1.7	0.9	1.42	1.4	0.7	1.38	2.7	1.3
6	0.1	0.0	2.08	0.7	0.4	2.09	2.2	1.1
7	0.1	0.0	2.93	3.2	1.6	2.47	5.2	2.6
8	0.1	0.0	2.93	3.2	1.6	2.47	5.2	2.6
9	1.0	0.5	1.0	2.0	1.0	2.33	1.9	0.8
10	0.8	0.4	0.8	1.6	0.8	2.19	1.6	0.8
11	0.6	0.3	0.6	1.2	0.6	1.32	0.6	0.3
12	0.5	0.3	0.5	1.1	0.5	1.12	0.5	0.3
13	0.4	0.2	0.4	0.9	0.5	0.82	0.4	0.2
14	0.3	0.2	0.3	0.7	0.4	0.62	0.3	0.2
15	0.2	0.1	0.2	0.5	0.3	0.45	0.2	0.1
16	0.1	0.0	0.1	0.4	0.2	0.32	0.1	0.0
17	0.1	0.0	0.1	0.3	0.1	0.24	0.1	0.0
18	0.1	0.0	0.1	0.2	0.1	0.17	0.1	0.0
19	0.1	0.0	0.1	0.1	0.0	0.12	0.1	0.0
20	0.1	0.0	0.1	0.1	0.0	0.08	0.1	0.0
21	0.1	0.0	0.1	0.1	0.0	0.06	0.1	0.0
22	0.1	0.0	0.1	0.1	0.0	0.04	0.1	0.0
23	0.1	0.0	0.1	0.1	0.0	0.03	0.1	0.0
24	0.1	0.0	0.1	0.1	0.0	0.02	0.1	0.0
25	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
26	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
27	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
28	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
29	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
30	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
31	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
32	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
33	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
34	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
35	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
36	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
37	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
38	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
39	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
40	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
41	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
42	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
43	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
44	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
45	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
46	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
47	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
48	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
49	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
50	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
51	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
52	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
53	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
54	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
55	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
56	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
57	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
58	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
59	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
60	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
61	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
62	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
63	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
64	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
65	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
66	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
67	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
68	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
69	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
70	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
71	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
72	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
73	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
74	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
75	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
76	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
77	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
78	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
79	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
80	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
81	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
82	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
83	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
84	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
85	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
86	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
87	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
88	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
89	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
90	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
91	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
92	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
93	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
94	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
95	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
96	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
97	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
98	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
99	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0
100	0.1	0.0	0.1	0.1	0.0	0.01	0.1	0.0

NOTE: Current is included in all tables. For further details of tidal streams see NP257 Tidal Stream Atlas of Approaches to Portland and Admiralty Sailing Directions

*I'm light,  
 I'm timber, trajectory, men.  
 I tack west,  
 you ward against me.  
 I'm light, afloat,  
 don't take me, don't*







take the screaming ship,  
 scurvy men,  
 tyrannical days  
 adding strength to mine.  
 I build strength  
 at another's expense.

EE (see Note)



The water won't take me.

Race on East-going st.

Portland Ledge

Race on West-going stream.  
 Ring of Spain







Ocean

C I S E

A R I N E





		
Platte Fougère Lt	Tautenay Bn Tr	Roussel Lt
		
Corbette d'Amont Bn Tr	Brehon Tr	Platte Lt





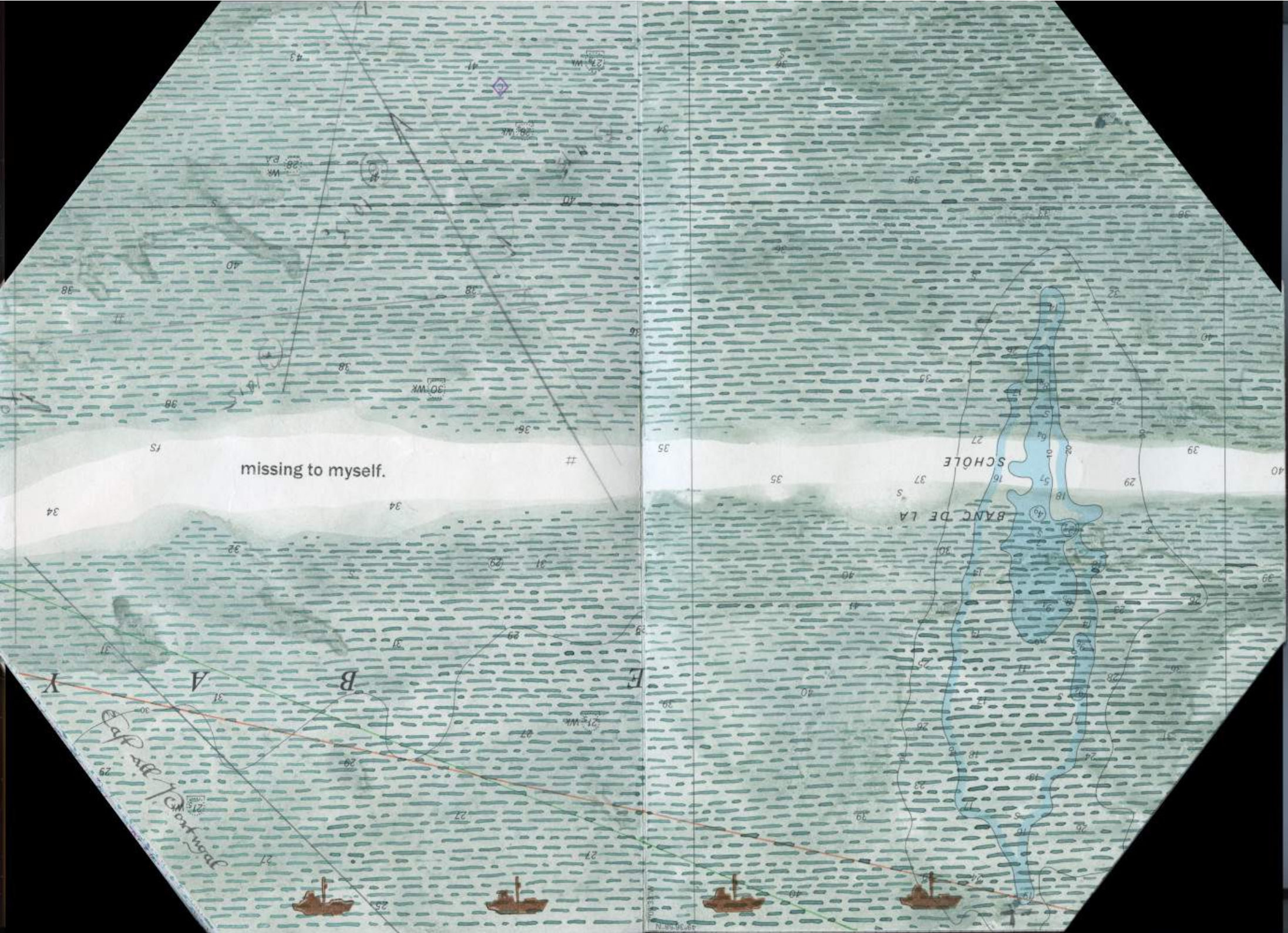












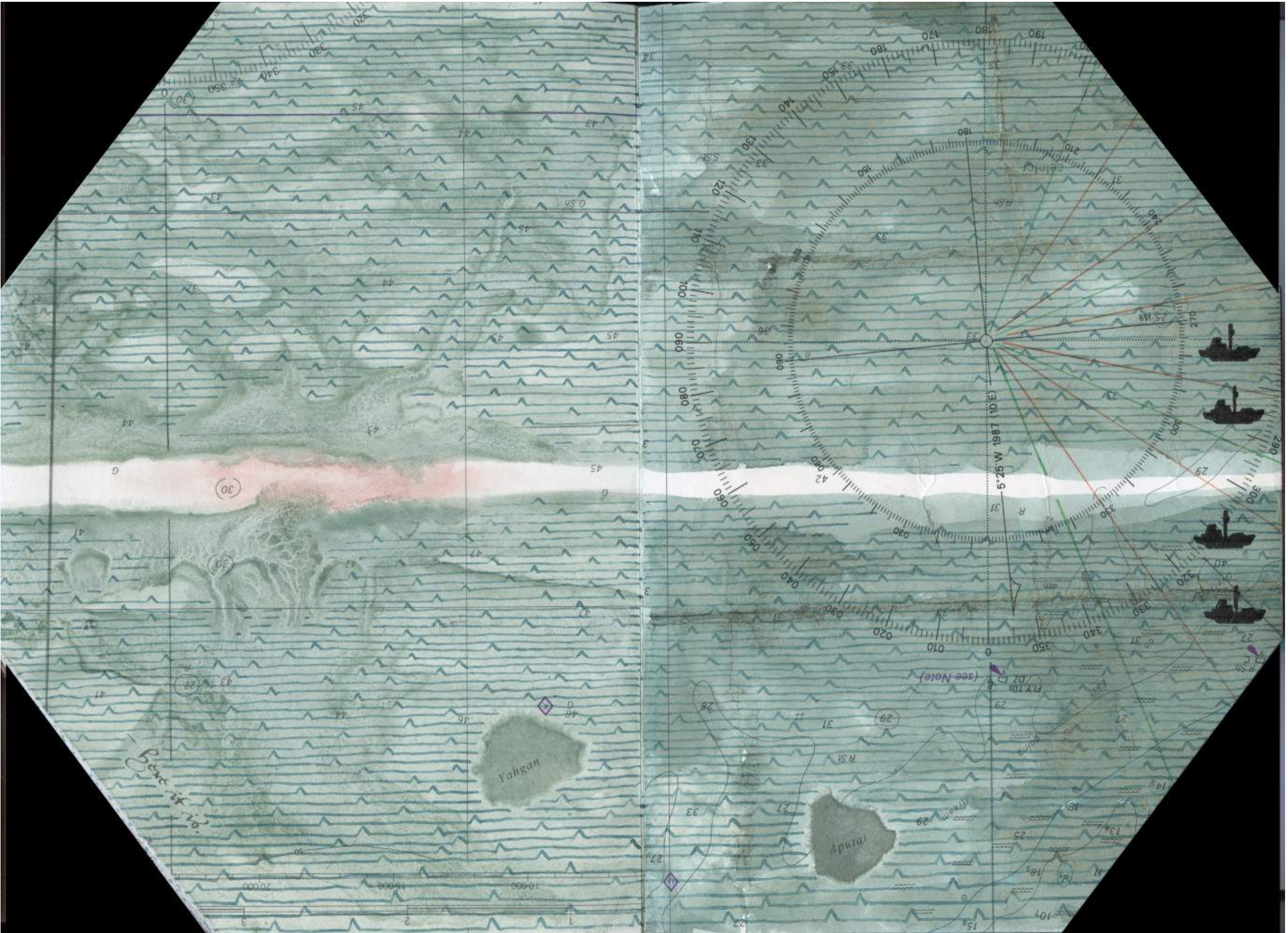
missing to myself.

BANC DE LA SCHOËLE

A  
B  
E  
Y  
Cap de Portugal











First dead: Salomon  
strangled for sodomy.  
The whole crew witness  
to the tourniquet's wrench  
for a crime against God.  
The boy drowned next.



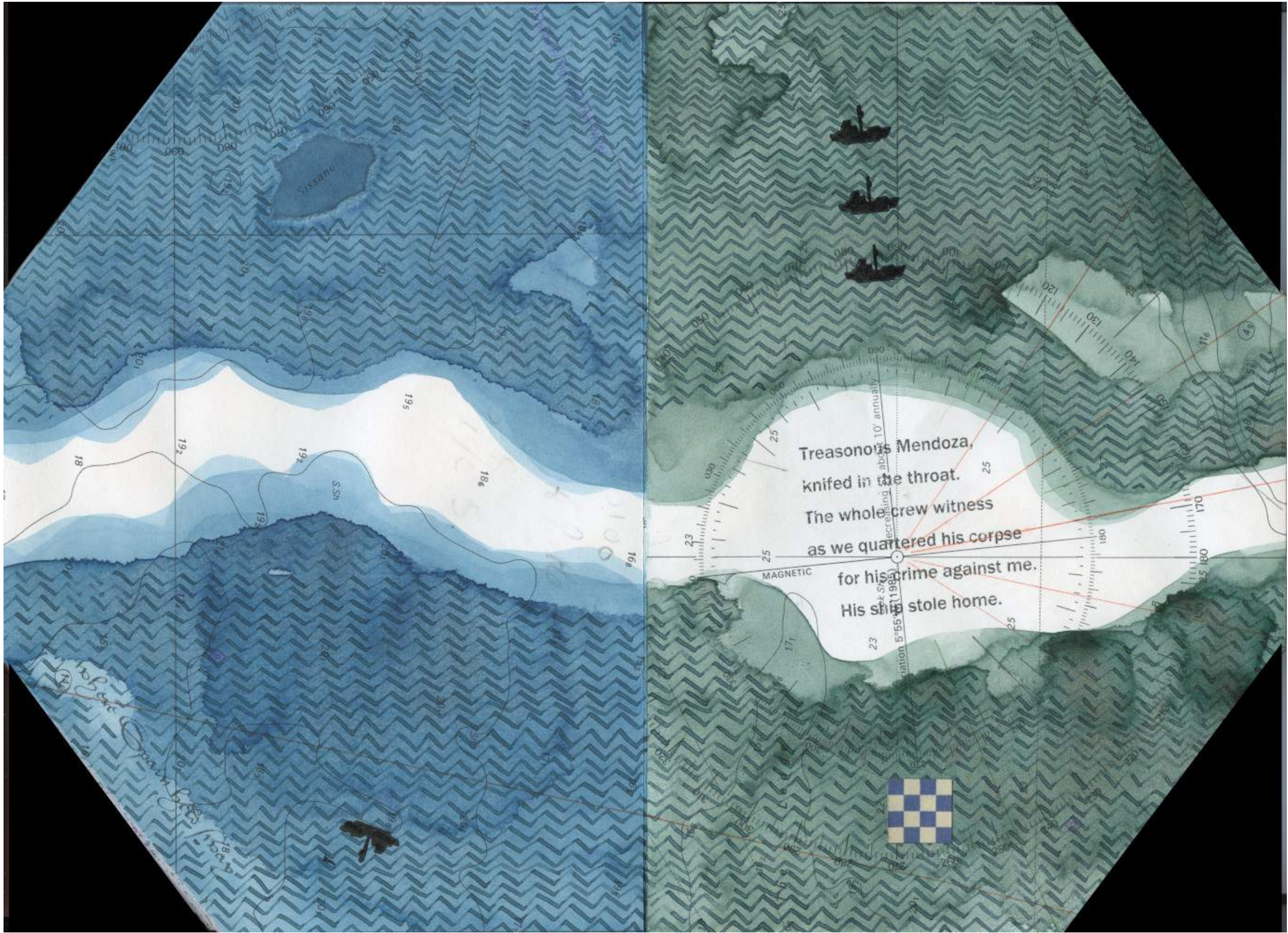
SAINT

BANK

*Handwritten notes:*  
This is the place  
where the  
M. Magellan failed  
(see Note)

*Purple dashed line label:*  
North Eastern Limit of Cable Area (see Note)





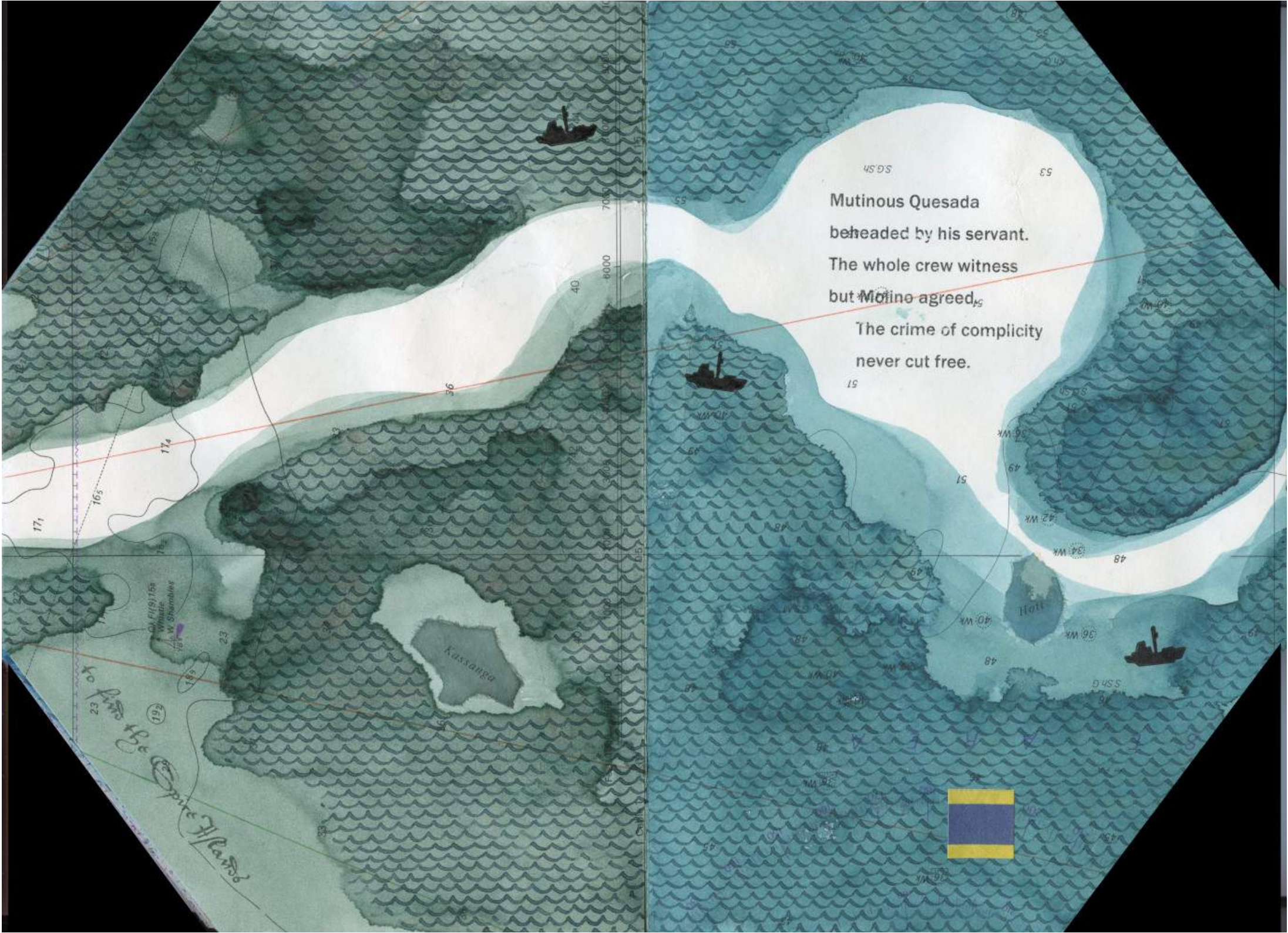
Treasonous Mendoza,  
knifed in the throat.  
The whole crew witness  
as we quartered his corpse  
for his crime against me.  
His ship stole home.



MAGNETIC

decl. decreasing about 10' annually.  
Variation 5°55' (1988)





Mutinous Quesada  
beheaded by his servant.  
The whole crew witness  
but Motino agreed,  
The crime of complicity  
never cut free.

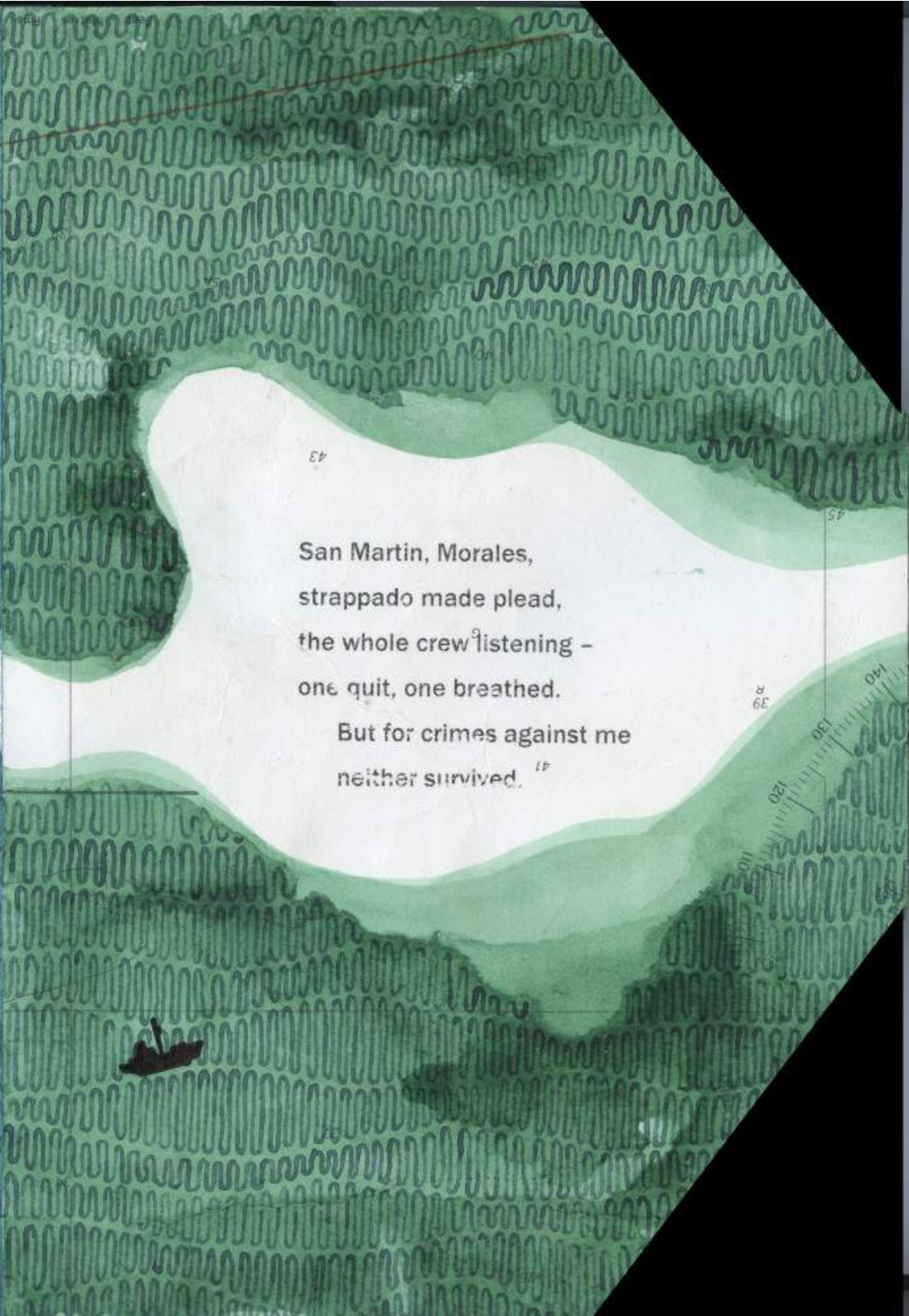
CA 119/154  
Wharfe  
M. Sherrinley

Kassanga

To find the Cape of Good Hope

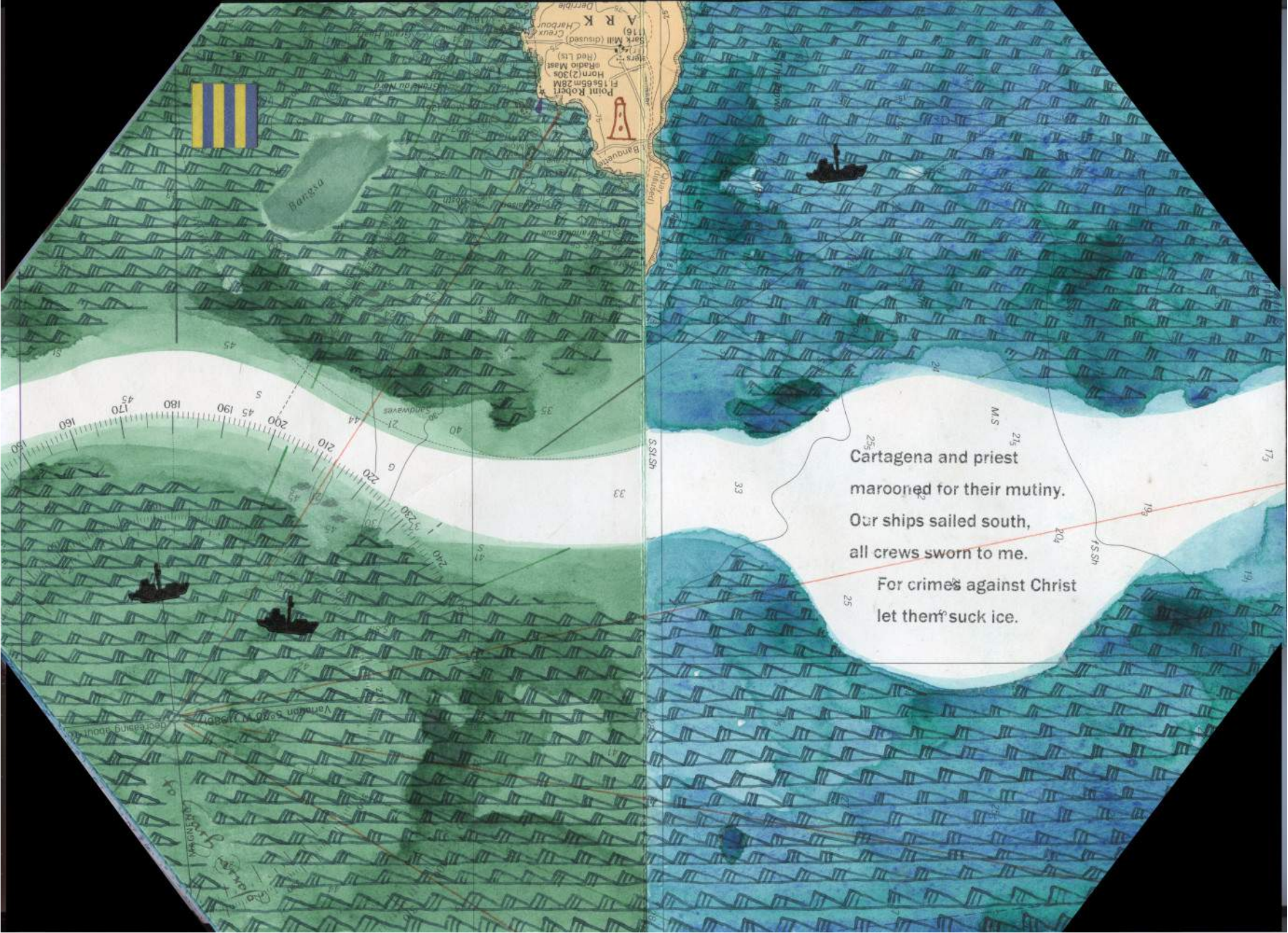






San Martin, Morales,  
strappado made plead,  
the whole crew listening -  
one quit, one breathed.  
But for crimes against me  
neither survived.<sup>1P</sup>





ARK  
 Point Robert  
 Horn (2) 305  
 Radio Mast  
 (Red Lts)  
 Bark Mill (disused)  
 Creux Harbour  
 Derrible



Cartagena and priest  
 marooned for their mutiny.  
 Our ships sailed south,  
 all crews sworn to me.  
 For crimes against Christ  
 let them suck ice.

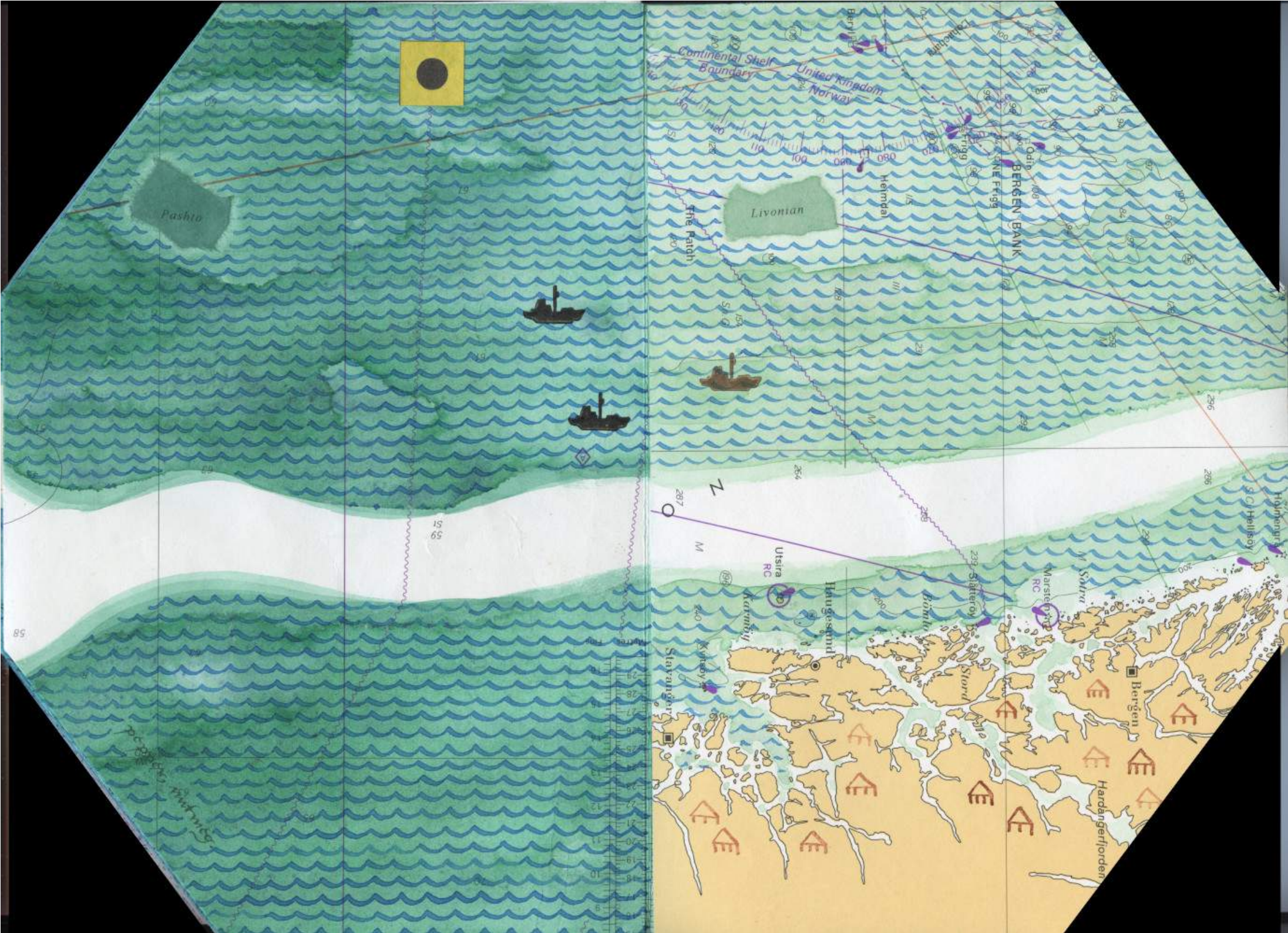
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Three captives of Cavite  
 greed helped free.  
 When the crew looked away  
 they jumped ship and swam.  
 For denial of God  
 the child of them sank.









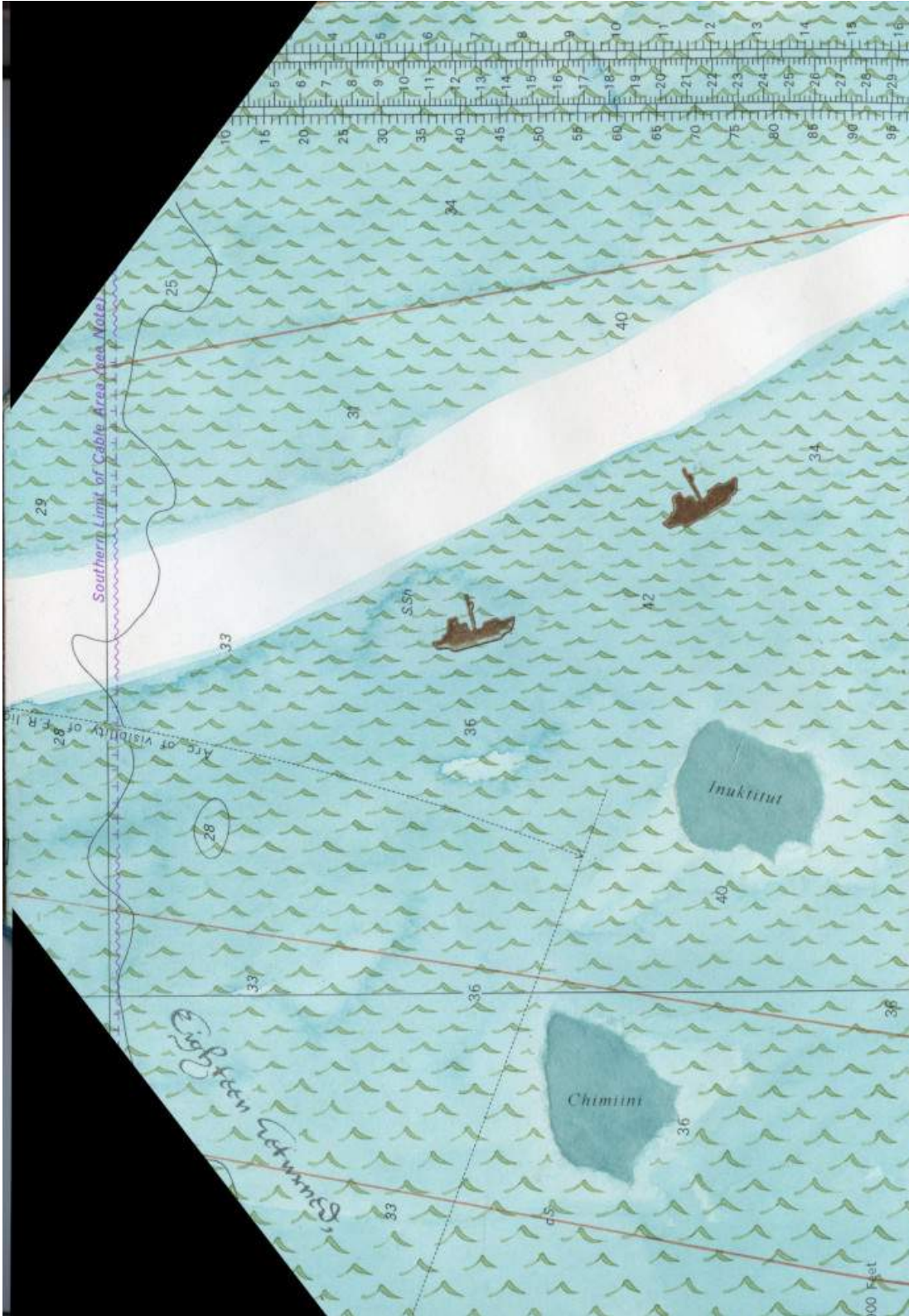






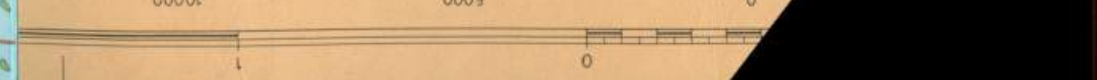






**SOURCE DATA**

Admiralty Surveys	e	1950-1964	1:54 100-1:75 000
	f	1946-1950	1:18 250-1:30 000
	g	1934-1938	1:12 560-1:24 990
	h	1850-1855	1:10 560 (lead-line)
Department of Environment Surveys	i	1978-1986	1:500-1:2500
Other Surveys	k	1984	1:5000

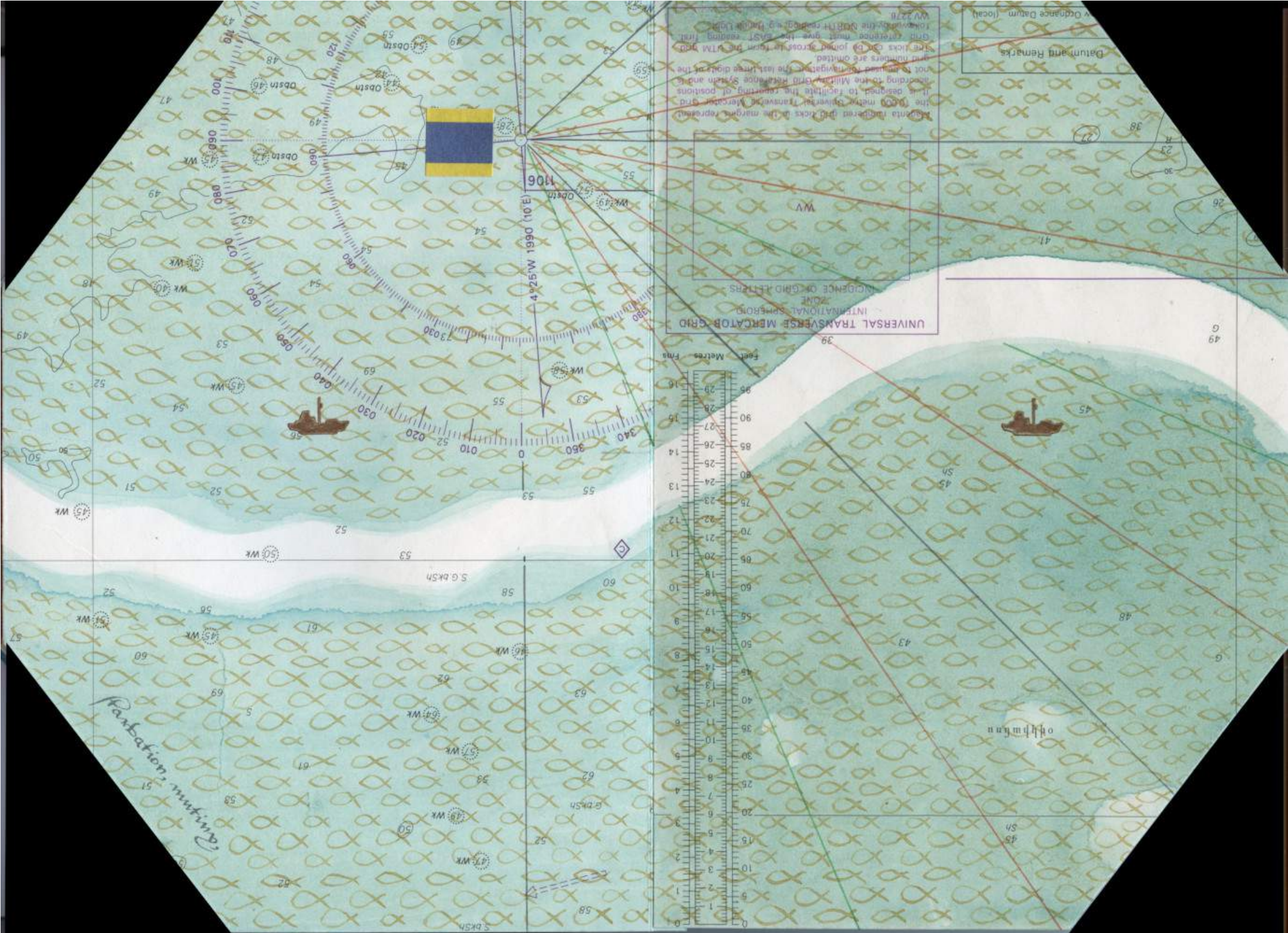




to HW at PLYMOUTH (DEVONPORT)

Time	50°36'1N	50°33'9N	50°32'1N	50°29'8N	50°27'2N	50°25'0N	50°22'7N	50°20'5N	50°18'3N	50°16'1N	50°13'9N	50°11'7N	50°09'5N	50°07'3N	50°05'1N	50°02'9N	50°00'7N	49°58'5N	49°56'3N	49°54'1N	49°51'9N	49°49'7N	49°47'5N	49°45'3N	49°43'1N	49°40'9N	49°38'7N	49°36'5N	49°34'3N	49°32'1N	49°29'9N	49°27'7N	49°25'5N	49°23'3N	49°21'1N	49°18'9N	49°16'7N	49°14'5N	49°12'3N	49°10'1N	49°07'9N	49°05'7N	49°03'5N	49°01'3N	48°59'1N	48°56'9N	48°54'7N	48°52'5N	48°50'3N	48°48'1N	48°45'9N	48°43'7N	48°41'5N	48°39'3N	48°37'1N	48°34'9N	48°32'7N	48°30'5N	48°28'3N	48°26'1N	48°23'9N	48°21'7N	48°19'5N	48°17'3N	48°15'1N	48°12'9N	48°10'7N	48°08'5N	48°06'3N	48°04'1N	48°01'9N	47°59'7N	47°57'5N	47°55'3N	47°53'1N	47°50'9N	47°48'7N	47°46'5N	47°44'3N	47°42'1N	47°39'9N	47°37'7N	47°35'5N	47°33'3N	47°31'1N	47°28'9N	47°26'7N	47°24'5N	47°22'3N	47°20'1N	47°17'9N	47°15'7N	47°13'5N	47°11'3N	47°09'1N	47°06'9N	47°04'7N	47°02'5N	47°00'3N	46°58'1N	46°55'9N	46°53'7N	46°51'5N	46°49'3N	46°47'1N	46°44'9N	46°42'7N	46°40'5N	46°38'3N	46°36'1N	46°33'9N	46°31'7N	46°29'5N	46°27'3N	46°25'1N	46°22'9N	46°20'7N	46°18'5N	46°16'3N	46°14'1N	46°11'9N	46°09'7N	46°07'5N	46°05'3N	46°03'1N	46°00'9N	45°58'7N	45°56'5N	45°54'3N	45°52'1N	45°49'9N	45°47'7N	45°45'5N	45°43'3N	45°41'1N	45°38'9N	45°36'7N	45°34'5N	45°32'3N	45°30'1N	45°27'9N	45°25'7N	45°23'5N	45°21'3N	45°19'1N	45°16'9N	45°14'7N	45°12'5N	45°10'3N	45°08'1N	45°05'9N	45°03'7N	45°01'5N	44°59'3N	44°57'1N	44°54'9N	44°52'7N	44°50'5N	44°48'3N	44°46'1N	44°43'9N	44°41'7N	44°39'5N	44°37'3N	44°35'1N	44°32'9N	44°30'7N	44°28'5N	44°26'3N	44°24'1N	44°21'9N	44°19'7N	44°17'5N	44°15'3N	44°13'1N	44°10'9N	44°08'7N	44°06'5N	44°04'3N	44°02'1N	43°59'9N	43°57'7N	43°55'5N	43°53'3N	43°51'1N	43°48'9N	43°46'7N	43°44'5N	43°42'3N	43°40'1N	43°37'9N	43°35'7N	43°33'5N	43°31'3N	43°29'1N	43°26'9N	43°24'7N	43°22'5N	43°20'3N	43°18'1N	43°15'9N	43°13'7N	43°11'5N	43°09'3N	43°07'1N	43°04'9N	43°02'7N	42°59'5N	42°57'3N	42°55'1N	42°52'9N	42°50'7N	42°48'5N	42°46'3N	42°44'1N	42°41'9N	42°39'7N	42°37'5N	42°35'3N	42°33'1N	42°30'9N	42°28'7N	42°26'5N	42°24'3N	42°22'1N	42°19'9N	42°17'7N	42°15'5N	42°13'3N	42°11'1N	42°08'9N	42°06'7N	42°04'5N	42°02'3N	41°59'1N	41°56'9N	41°54'7N	41°52'5N	41°50'3N	41°48'1N	41°45'9N	41°43'7N	41°41'5N	41°39'3N	41°37'1N	41°34'9N	41°32'7N	41°30'5N	41°28'3N	41°26'1N	41°23'9N	41°21'7N	41°19'5N	41°17'3N	41°15'1N	41°12'9N	41°10'7N	41°08'5N	41°06'3N	41°04'1N	41°01'9N	40°59'7N	40°57'5N	40°55'3N	40°53'1N	40°50'9N	40°48'7N	40°46'5N	40°44'3N	40°42'1N	40°39'9N	40°37'7N	40°35'5N	40°33'3N	40°31'1N	40°28'9N	40°26'7N	40°24'5N	40°22'3N	40°20'1N	40°17'9N	40°15'7N	40°13'5N	40°11'3N	40°09'1N	40°06'9N	40°04'7N	40°02'5N	39°59'3N	39°57'1N	39°54'9N	39°52'7N	39°50'5N	39°48'3N	39°46'1N	39°43'9N	39°41'7N	39°39'5N	39°37'3N	39°35'1N	39°32'9N	39°30'7N	39°28'5N	39°26'3N	39°24'1N	39°21'9N	39°19'7N	39°17'5N	39°15'3N	39°13'1N	39°10'9N	39°08'7N	39°06'5N	39°04'3N	39°02'1N	38°59'9N	38°57'7N	38°55'5N	38°53'3N	38°51'1N	38°48'9N	38°46'7N	38°44'5N	38°42'3N	38°40'1N	38°37'9N	38°35'7N	38°33'5N	38°31'3N	38°29'1N	38°26'9N	38°24'7N	38°22'5N	38°20'3N	38°18'1N	38°15'9N	38°13'7N	38°11'5N	38°09'3N	38°07'1N	38°04'9N	38°02'7N	37°59'5N	37°57'3N	37°55'1N	37°52'9N	37°50'7N	37°48'5N	37°46'3N	37°44'1N	37°41'9N	37°39'7N	37°37'5N	37°35'3N	37°33'1N	37°30'9N	37°28'7N	37°26'5N	37°24'3N	37°22'1N	37°19'9N	37°17'7N	37°15'5N	37°13'3N	37°11'1N	37°08'9N	37°06'7N	37°04'5N	37°02'3N	36°59'1N	36°56'9N	36°54'7N	36°52'5N	36°50'3N	36°48'1N	36°45'9N	36°43'7N	36°41'5N	36°39'3N	36°37'1N	36°34'9N	36°32'7N	36°30'5N	36°28'3N	36°26'1N	36°23'9N	36°21'7N	36°19'5N	36°17'3N	36°15'1N	36°12'9N	36°10'7N	36°08'5N	36°06'3N	36°04'1N	36°01'9N	35°59'7N	35°57'5N	35°55'3N	35°53'1N	35°50'9N	35°48'7N	35°46'5N	35°44'3N	35°42'1N	35°39'9N	35°37'7N	35°35'5N	35°33'3N	35°31'1N	35°28'9N	35°26'7N	35°24'5N	35°22'3N	35°20'1N	35°17'9N	35°15'7N	35°13'5N	35°11'3N	35°09'1N	35°06'9N	35°04'7N	35°02'5N	34°59'3N	34°57'1N	34°54'9N	34°52'7N	34°50'5N	34°48'3N	34°46'1N	34°43'9N	34°41'7N	34°39'5N	34°37'3N	34°35'1N	34°32'9N	34°30'7N	34°28'5N	34°26'3N	34°24'1N	34°21'9N	34°19'7N	34°17'5N	34°15'3N	34°13'1N	34°10'9N	34°08'7N	34°06'5N	34°04'3N	34°02'1N	33°59'9N	33°57'7N	33°55'5N	33°53'3N	33°51'1N	33°48'9N	33°46'7N	33°44'5N	33°42'3N	33°40'1N	33°37'9N	33°35'7N	33°33'5N	33°31'3N	33°29'1N	33°26'9N	33°24'7N	33°22'5N	33°20'3N	33°18'1N	33°15'9N	33°13'7N	33°11'5N	33°09'3N	33°07'1N	33°04'9N	33°02'7N	32°59'5N	32°57'3N	32°55'1N	32°52'9N	32°50'7N	32°48'5N	32°46'3N	32°44'1N	32°41'9N	32°39'7N	32°37'5N	32°35'3N	32°33'1N	32°30'9N	32°28'7N	32°26'5N	32°24'3N	32°22'1N	32°19'9N	32°17'7N	32°15'5N	32°13'3N	32°11'1N	32°08'9N	32°06'7N	32°04'5N	32°02'3N	31°59'1N	31°56'9N	31°54'7N	31°52'5N	31°50'3N	31°48'1N	31°45'9N	31°43'7N	31°41'5N	31°39'3N	31°37'1N	31°34'9N	31°32'7N	31°30'5N	31°28'3N	31°26'1N	31°23'9N	31°21'7N	31°19'5N	31°17'3N	31°15'1N	31°12'9N	31°10'7N	31°08'5N	31°06'3N	31°04'1N	31°01'9N	30°59'7N	30°57'5N	30°55'3N	30°53'1N	30°50'9N	30°48'7N	30°46'5N	30°44'3N	30°42'1N	30°39'9N	30°37'7N	30°35'5N	30°33'3N	30°31'1N	30°28'9N	30°26'7N	30°24'5N	30°22'3N	30°20'1N	30°17'9N	30°15'7N	30°13'5N	30°11'3N	30°09'1N	30°06'9N	30°04'7N	30°02'5N	29°59'3N	29°57'1N	29°54'9N	29°52'7N	29°50'5N	29°48'3N	29°46'1N	29°43'9N	29°41'7N	29°39'5N	29°37'3N	29°35'1N	29°32'9N	29°30'7N	29°28'5N	29°26'3N	29°24'1N	29°21'9N	29°19'7N	29°17'5N	29°15'3N	29°13'1N	29°10'9N	29°08'7N	29°06'5N	29°04'3N	29°02'1N	28°59'9N	28°57'7N	28°55'5N	28°53'3N	28°51'1N	28°48'9N	28°46'7N	28°44'5N	28°42'3N	28°40'1N	28°37'9N	28°35'7N	28°33'5N	28°31'3N	28°29'1N	28°26'9N	28°24'7N	28°22'5N	28°20'3N	28°18'1N	28°15'9N	28°13'7N	28°11'5N	28°09'3N	28°07'1N	28°04'9N	28°02'7N	27°59'5N	27°57'3N	27°55'1N	27°52'9N	27°50'7N	27°48'5N	27°46'3N	27°44'1N	27°41'9N	27°39'7N	27°37'5N	27°35'3N	27°33'1N	27°30'9N	27°28'7N	27°26'5N	27°24'3N	27°22'1N	27°19'9N	27°17'7N	27°15'5N	27°13'3N	27°11'1N	27°08'9N	27°06'7N	27°04'5N	27°02'3N	26°59'1N	26°56'9N	26°54'7N	26°52'5N	26°50'3N	26°48'1N	26°45'9N	26°43'7N	26°41'5N	26°39'3N	26°37'1N	26°34'9N	26°32'7N	26°30'5N	26°28'3N	26°26'1N	26°23'9N	26°21'7N	26°19'5N	26°17'3N	26°15'1N	26°12'9N	26°10'7N	26°08'5N	26°06'3N	26°04'1N	26°01'9N	25°59'7N	25°57'5N	25°55'3N	25°53'1N	25°50'9N	25°48'7N	25°46'5N	25°44'3N	25°42'1N	25°39'9N	25°37'7N	25°35'5N	25°33'3N	25°31'1N	25°28'9N	25°26'7N	25°24'5N	25°22'3N	25°20'1N	25°17'9N	25°15'7N	25°13'5N	25°11'3N	25°09'1N	25°06'9N	25°04'7N	25°02'5N	24°59'3N	24°57'1N	24°54'9N	24°52'7N	24°50'5N	24°48'3N	24°46'1N	24°43'9N	24°41'7N	24°39'5N	24°37'3N	24°35'1N	24°32'9N	24°30'7N	24°28'5N	24°26'3N	24°24'1N	24°21'9N	24°19'7N	24°17'5N	24°15'3N	24°13'1N	24°10'9N	24°08'7N	24°06'5N	24°04'3N	24°02'1N	23°59'9N	23°57'7N	23°55'5N	23°53'3N	23°51'1N	23°48'9N	23°46'7N	23°44'5N	23°42'3N	23°40'1N	23°37'9N	23°35'7N	23°33'5N	23°31'3N	23°29'1N	23°26'9N	23°24'7N	23°22'5N	23°20'3N	23°18'1N	23°15'9N	23°13'7N	23°11'5N	23°09'3N	23°07'1N	23°04'9N	23°02'7N	22°59'5N	22°57'3N	22°55'1N	22°52'9N	22°50'7N	22°48'5N	22°46'3N	22°44'1N	22°41'9N	22°39'7N	22°37'5N	22°35'3N	22°33'1N	22°30'9N	22°28'7N	22°26'5N	22°24'3N	22°22'1N	22°19'9N	22°17'7N	22°15'5N	22°13'3N	22°11'1N	22°08'9N	22°06'7N	22°04'5N	22°02'3N	21°59'1N	21°56'9N	21°54'7N	21°52'5N	21°50'3N	21°48'1N	21°45'9N	21°43'7N	21°41'5N	21°39'3N	21°37'1N	21°34'9N	21°32'7N	21°30'5N	21°28'3N	21°26'1N	21°23'9N	21°21'7N	21°19'5N	21°17'3N	21°15'1N	21°12'9N	21°10'7N	21°08'5N	21°06'3N	21°04'1N	21°01'9N	20°59'7N	20°57'5N	20°55'3N	20°53'1N	20°50'9N	20°48'7N	20°46'5N	20°44'3N	20°42'1N	20°39'9N	20°37'7N	20°35'5N	20°33'3N	20°31'1N	20°28'9N	20°26'7N	20°24'5N	20°22'3N	20°20'1N	20°17'9N	20°15'7N	20°13'5N	20°11'3N	20°09'1N	20°06'9N	20°04'7N	20°02'5N	19°59'3N	19°57'1N	19°54'9N	19°52'7N	19°50'5N	19°48'3N	19°46'1N	19°43'9N	19°41'7N	19°39'5N	19°37'3N	19°35'1N	19°32'9N	19°30'7N	19°28'5N	19°26'3N	19°24'1N	19°21'9N	19°19'7N	19°17'5N	19°15'3N	19°13'1N	19°10'9N	19°08'7N	19°06'5N	19°04'3N	19°02'1N	18°59'9N	18°57'7N	18°55'5N	18°53'3N	18°51'1N	18°48'9N	18°46'7N	18°44'5N	18°42'3N	18°40'1N	18°37'9N	18°35'7N	18°33'5N	18°31'3N	18°29'1N	18°26'9N	18°24'7N	18°22'5N	18°20'3N	18°18'1N	18°15'9N	18°13'7N	18°11'5N	18°09'3N	18°07'1N	18°04'9N	18°02'7N	17°59'5N	17°57'3N	17°55'1N	17°52'9N	17°50'7N	17°48'5N	17°46'3N	17°44'1N	17°41'9N	17°39'7N	17°37'5N	17°35'3N	17°33'1N	17°30'9N	17°28'7N	17°26'5N	17°24'3N	17°22'1N	17°19'9N	17°17'7N	17°15'5N	17°13'3N	17°11'1N	17°08'9N	17°06'7N	17°04'5N	17°02'3N	16°59'1N	16°56'9N	16°54'7N	16°52'5N	16°50'3N	16°48'1N	16°45'9N	16°43'7N	16°41'5N	16°39'3N	16°37'1N	16°34'9N	16°32'7N	16°30'5N	16°28'3N	16°26'1N	16°23'9N	16°21'7N	16°19'5N	16°17'3N	16°15'1N	16°12'9N	16°10'7N	16°08'5N	16°06'3N	16°04'1N	16°01'9N	15°59'7N	15°57'5N	15°55'3N	15°53'1N	15°50'9N	15°48'7N	15°46'5N	15°44'3N	15°42'1N	15°39'9N</
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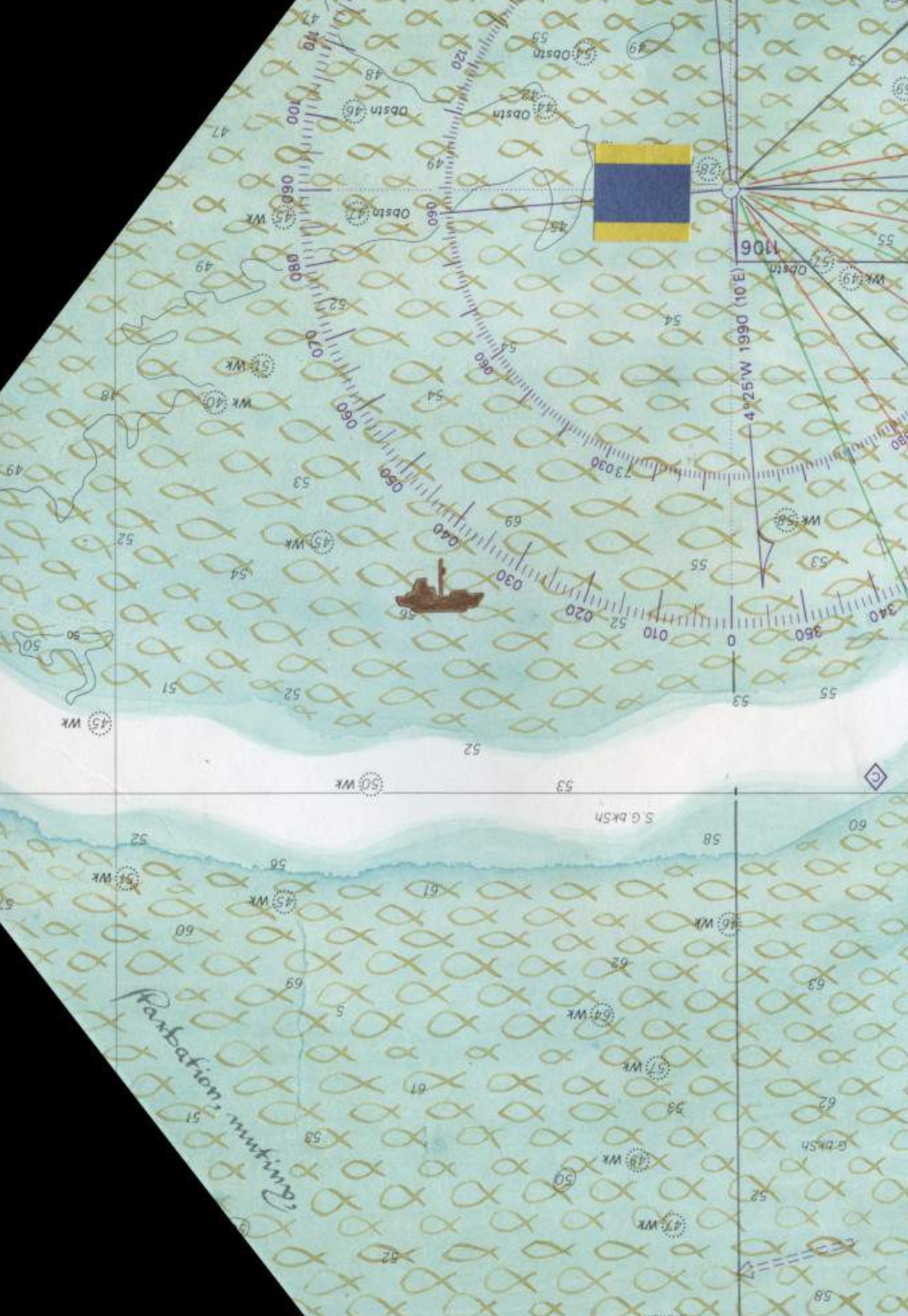
Universal Transverse Mercator Grid  
 INTERNATIONAL SPHEROID  
 INCIDENCE OF GRID LINES

The grid is based on the International Spheroid and is designed to facilitate the plotting of positions according to the Military Grid Reference System and to not be required for navigation. The last three digits of the grid numbers are omitted.

Datum and Remarks



Raxbation, mufing





Sark - Masel  
Guernsey -  
Place

1136

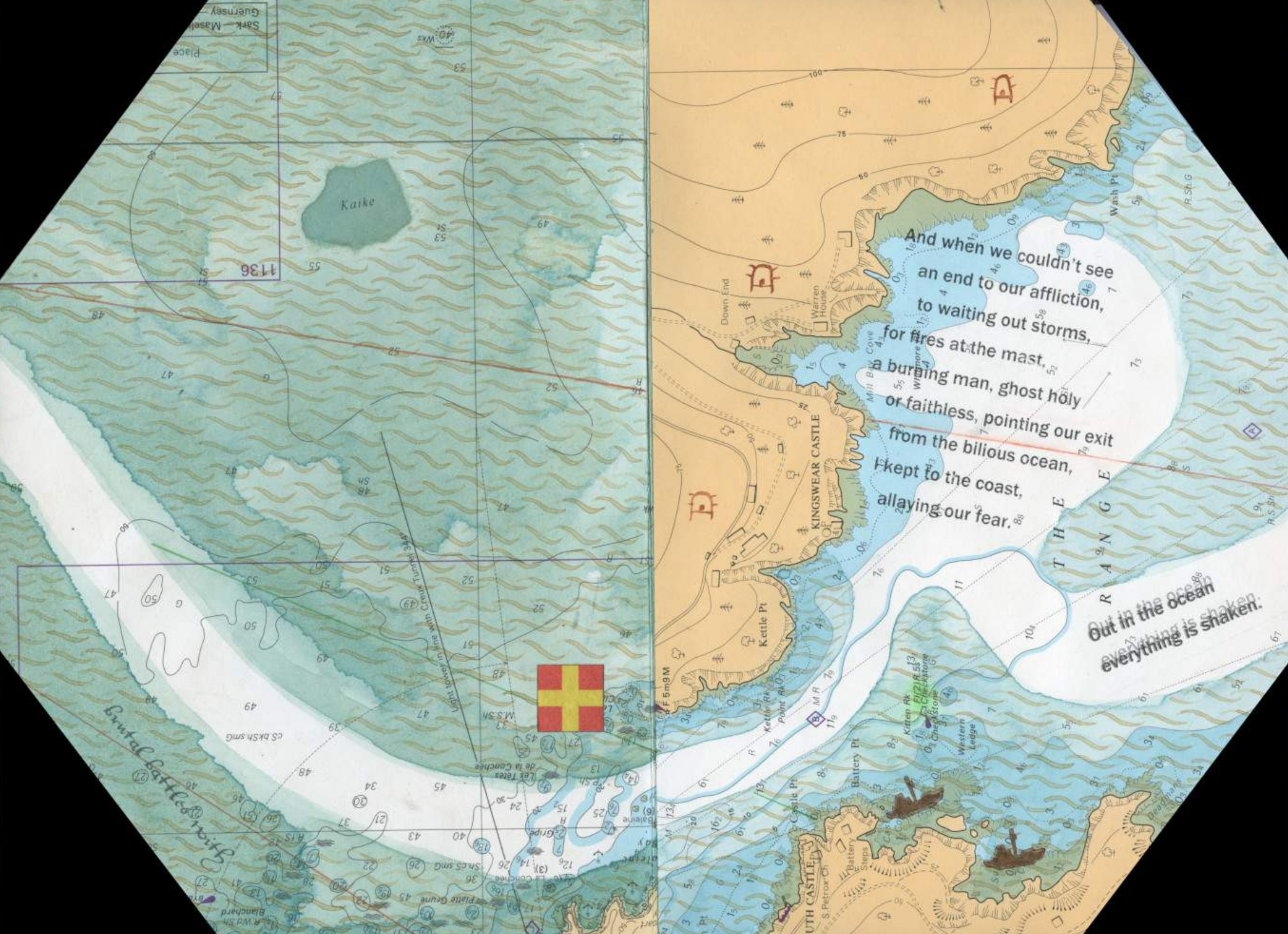
Kaike



And when we couldn't see  
an end to our affliction,  
to waiting out storms,  
for fires at the mast,  
a burning man, ghost holy  
or faithless, pointing our exit  
from the billious ocean,  
I kept to the coast,  
allaying our fear.

T H E  
R A N G E

Out in the ocean  
everything is shaken.

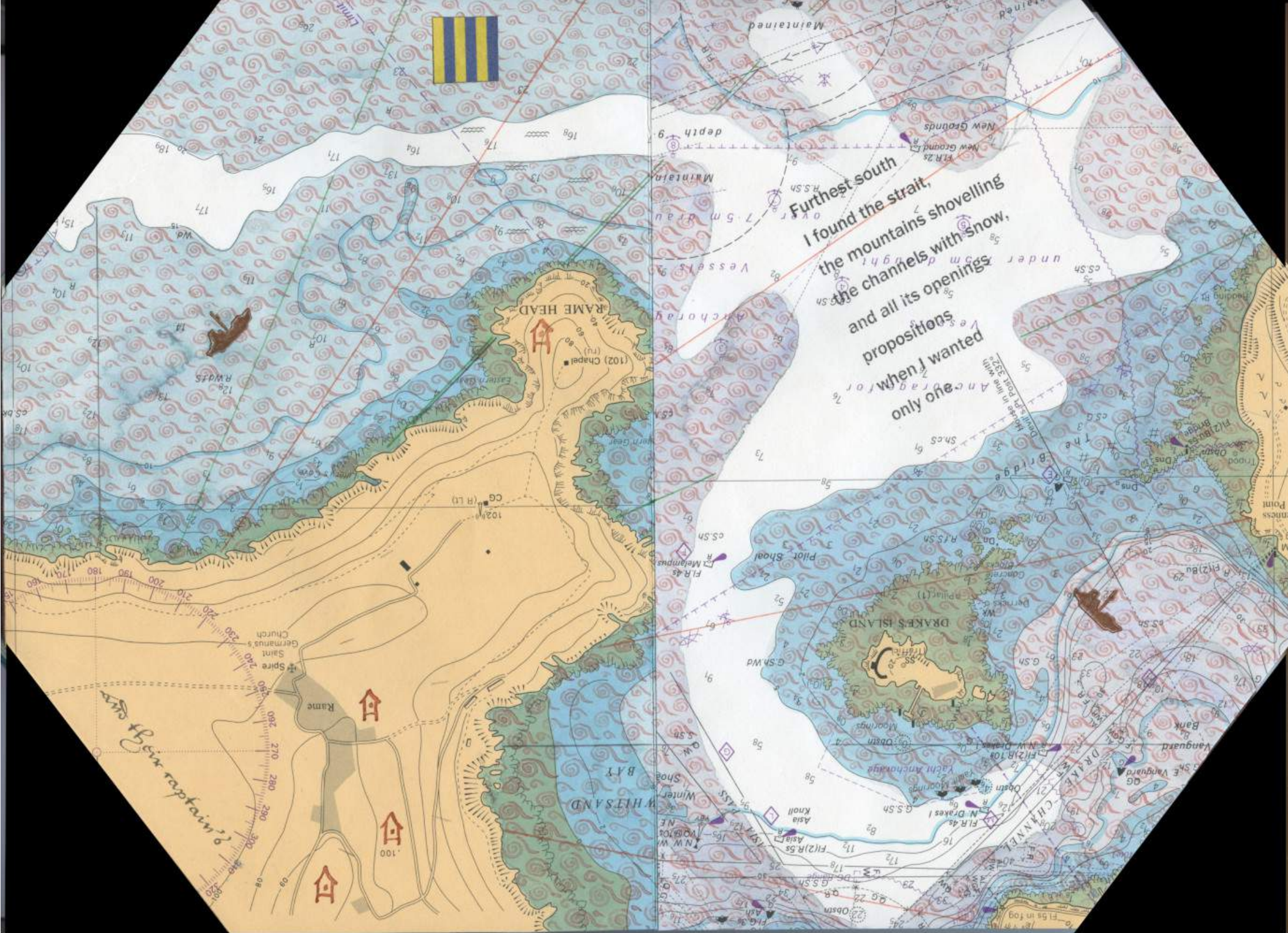




We wintered at St Julian,  
where the giants  
on the beach  
dancing in the ice and wind  
with their oblong cloaks,  
huge boots, old smiles,  
were a welcome,  
not a threshold.







I found the strait,  
the mountains shovelling  
the channels with snow,  
and all its openings  
propositions  
when I wanted  
only one

and their captain's  
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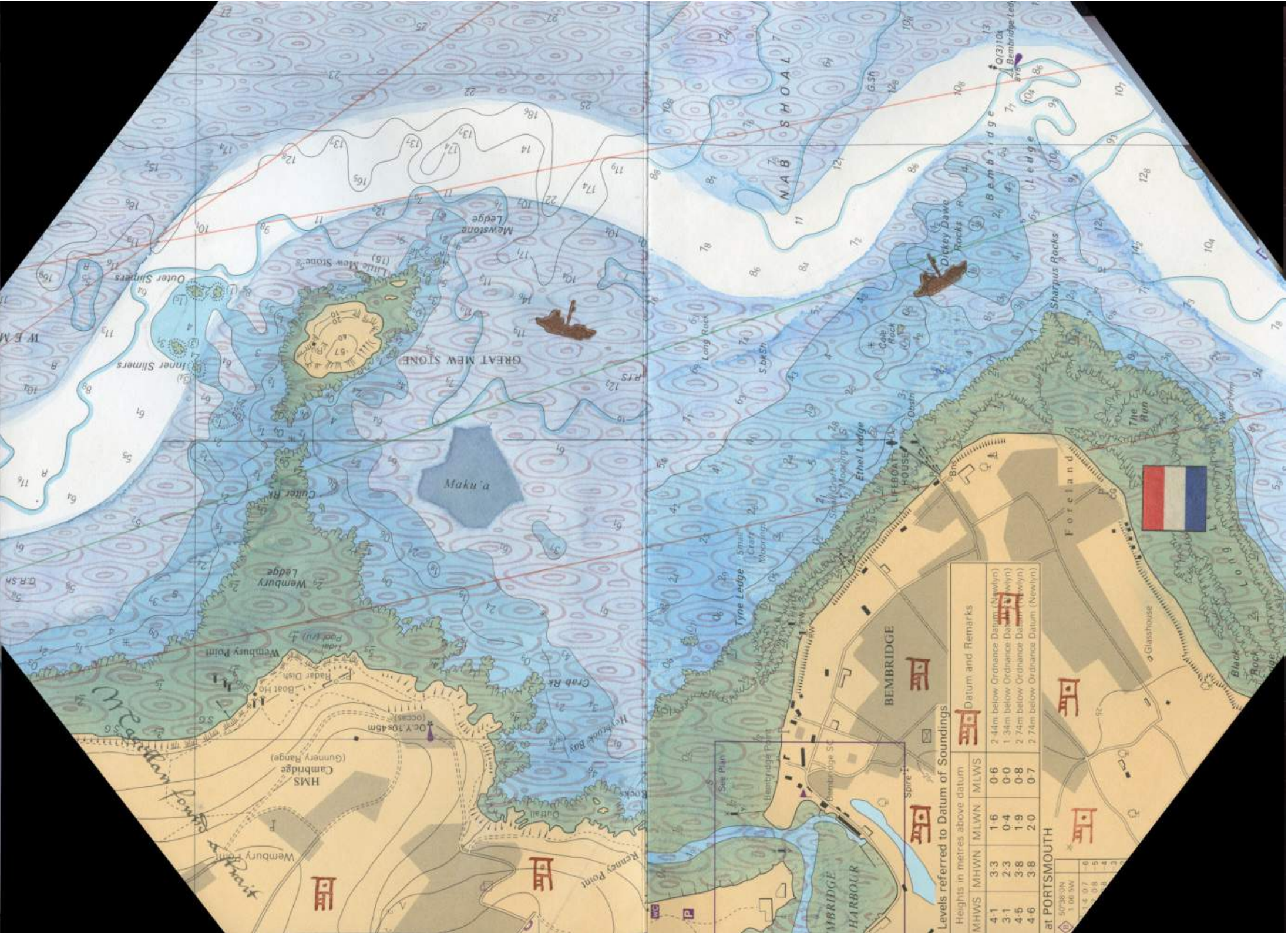
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**Levels referred to Datum of Soundings**

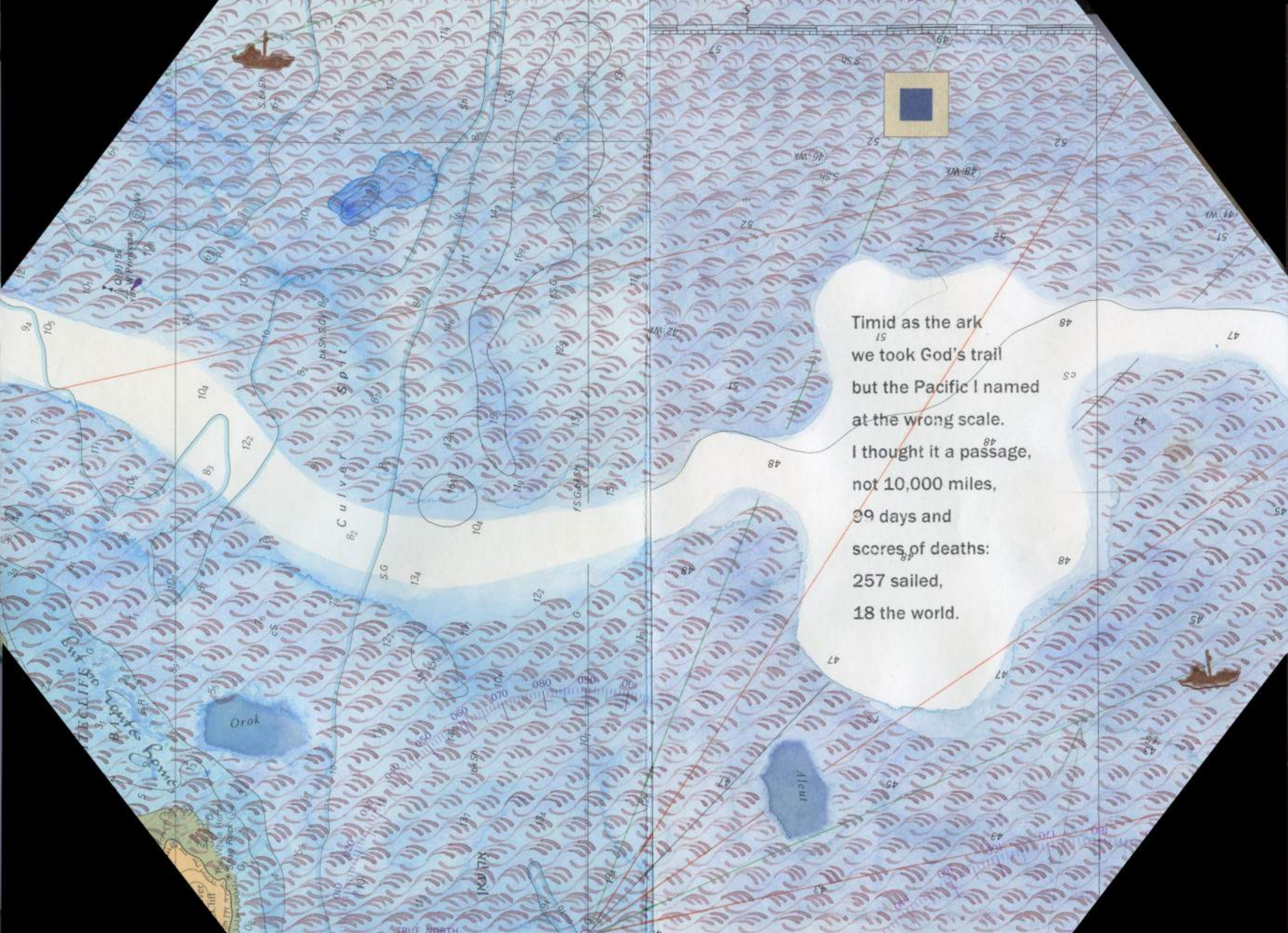
Heights in metres above datum		Datum and Remarks	
MHWS	MHWN	MLWN	MLWS
4.1	3.3	1.6	0.6
3.1	2.3	0.4	0.0
4.5	3.8	1.9	0.8
4.6	3.8	2.0	0.7

at PORTSMOUTH

Scale	1:63,500
1 cm	1.47 m
1 mm	0.147 m







Timid as the ark  
we took God's trail  
but the Pacific I named  
at the wrong scale.  
I thought it a passage,  
not 10,000 miles,  
66 days and  
scores of deaths:  
257 sailed,  
18 the world.



Not I,  
not Magellan,  
only my name.

Blood on the water,  
concomitant of trade.

*Handwritten signature: Admiral Magellan*

*(see Note)*

*Cable Area*

*Entre Vie a Bana*

