

The leading marks to clear the Corsair Rock will then be the red obelisk and the east end of the Queenscliff telegraph station—a two-storied, light-colored building, close to the high lighthouse.

On and after the 19th of February next, the following will be the directions to clear the Corsair Rock:—

Keep the east end of the telegraph station open to the westward of the red obelisk, until you open the white beacon on Point Nepean, well out to the northward of the red beacon, when bound inwards, and well out to the southward of the red beacon when bound outwards.

Masters of vessels, and others who may possess the sailing directions and charts for this port, can have the particulars of this notice inserted in their proper place in the directions, and the positions of the recently discovered rocks laid down on their charts, by sending them to this office.

The bearings are all magnetic, and are given from the ship, not from the lights.

CHARLES FERGUSON, Chief Harbour Master.

HOKIANGA RIVER.

MASTERS of vessels and others navigating the Hokianga river are hereby informed that, on and after the 1st day of March, 1863, the following will be the code of signals for taking Hokianga bar and entering the river:

SIGNALS.

1. From the signal-staff on the south head the following signals will be made:—

- No. 1. BLUE PETER: "Keep to sea; bar is not fit to take."
 No. 2. RED FLAG: "Take the bar; there is no danger."
 No. 3. BLUE WITH WHITE CROSS: "Ebb tide;" bar not fit."
 No. 4. WHITE: "First quarter flood."

When these flags are understood, they should be answered from the ship by a pennant or flag where best seen. The Pilot will be at the entrance of the heads in his boat, but seldom outside the bar.

2. If a vessel is too far to the north for entering, a white square will be hoisted on the south yard-arm; and if too far to the south, it will be hoisted on the north yard-arm. Vessels to be particularly guided by the hoisting of the white square at the yard-arms, and that direction. No vessel should take the bar until the flagstaff bears E. $\frac{3}{4}$ N.

ROBERT GRAHAM, Superintendent.

ROCK OFF LONG LOOK OUT, ON THE NORTHERN SIDE OF BANKS' PENINSULA, MIDDLE ISLAND, NEW ZEALAND.

The barque Catherine, from Hobart Town, when about three-quarters of a mile from the Long Look-out, struck on a sunken reef, injuring the gudgeons of her rudder, so as to disable her. She was towed into the port of Lyttelton by the Gazelle.

CHARLES SHARP, Master Warden, C. Marine Board.

Captain J. McLean, s.s. Aldinga, reports that on the 24th August last, the above vessel struck a sunken rock on the south coast of Otago, about three miles from the shore slope point, bearing N.E. by E., and Waipapa point N.W. $\frac{1}{4}$ W. with twelve fathoms close to.

The rock must have been small and pointed as the steamer struck it amidships, slued round, and fell off head to sea.

THOMAS ROBERTSON, Secretary, *pro tem.*

TIDE HOURS, RANGE, AND COMPASS VARIATION. ISLANDS OF NEW ZEALAND.

PLACE.	H.W.F. & C.		RANGE FEET.	VARIATION. D. M.
	H.	M.		
NORTH ISLAND.				
Three Kings Islands	8	0	7	EAST. 14 55
Bay of Islands	7	15	4 to 9	14 20
Wangarei Harbour	7	0	5 to 9	14 20
Auckland Harbour	7	5	7 to 11	14 18
Tauranga Harbour	7	10	6	
Cape Runaway	9	16		14 47
East Cape	8	55	7	
Poverty Bay	6	5	5 to 6	14 49
Ahuriri Harbour	7	50		16 0
Port Nicholson	4	30	2 $\frac{1}{2}$ to 5	15 0
Kapiti Island	9	0	6	14 52
Manawatu River	10	0	4 to 8	
Wanganui River	10	15	4 to 8	
Taranaki	9	30	6 to 14	14 45
Kawhia Harbour	9	30	12	
Manukau Harbour	10	0	7 to 13	
Kaipara Harbour	10	55	8 to 11	
Hokianga Harbour	9	45	10	
MIDDLE ISLAND.				
Cape Campbell	6	0		
Kaikora Peninsula	5	30		
Lyttelton	4	20	6 to 8	14 53
Akaroa	3	24	6 to 8	15 24
Otago Harbour	3	30	4 to 8	15 40
Molyneux River	3	8	4 to 8	
Ruapuke Island	1	0	4 to 8	16 1
Bluff Harbour	1	10	4 to 8	16 16
Preservation Inlet	11	20	4 to 8	15 31
Cape Farewell	9	20	6 to 14	
Motupipi River	9	50	6 to 14	
Nelson Haven	9	50	6 to 14	15 9
Port Hardy	9	55	6 to 8	
Pelorus Sound	10	0	3 to 11	16 10
Port Gore	9	0	6 to 8	
Queen Charlotte Sound	8	50	6 to 8	14 5
Tory Channel	8	15	6 to 8	
Port Underwood	6	10	6 to 8	13 54
SOUTH ISLAND.				
Port William	12	45	4 to 8	16 6
South Cape	12	0	7	
Traps Rocks	12	0		18 0