

BRITISH UNITS - METRES

FATHOMS	1	2	3	4	5	6	7	8	9	10
1	1.8	3.7	5.5	7.3	9.1	10.9	12.7	14.5	16.3	18.1
2	3.7	7.3	11.0	14.6	18.3	21.9	25.6	29.3	32.9	36.6
3	5.5	11.0	16.5	22.0	27.4	32.9	38.4	43.8	49.3	54.8
4	7.3	14.6	22.0	29.3	36.6	43.8	51.1	58.4	65.7	73.0
5	9.1	18.3	27.4	36.6	45.7	54.8	63.9	73.0	82.1	91.2
6	10.9	21.9	32.9	43.8	54.8	65.7	76.6	87.5	98.4	109.3
7	12.7	25.6	38.4	51.1	63.9	76.6	89.3	102.0	114.7	127.4
8	14.5	29.3	45.7	58.4	73.0	87.5	102.0	116.5	131.0	145.5
9	16.3	32.9	51.1	65.7	82.1	98.4	114.7	131.0	147.3	163.6
10	18.1	36.6	58.4	73.0	91.2	109.3	127.4	145.5	163.6	181.7



SCOTLAND - NORTH COAST

# PENTLAND FIRTH

SURVEYED BY COMMANDERS SLATER, OTTER, AND THOMAS, R.N., 1850.  
Approaches to Hoxa Sound surveyed by Captain W. Pudgey-Dawson, R.N.  
and Officers of H.M. SURVEYING SHIP "TRITON," 1906-9  
with corrections to 1946.

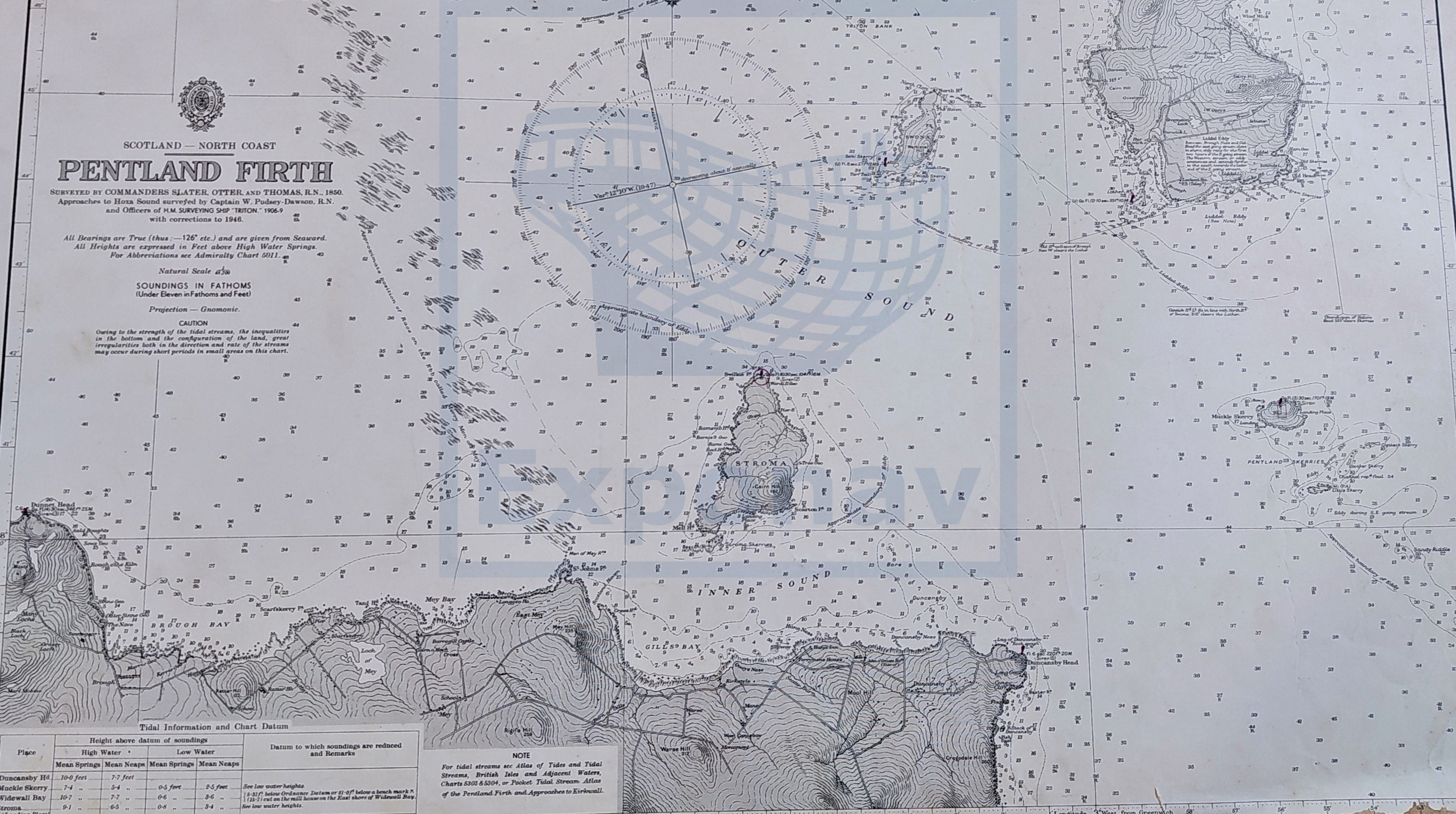
All Bearings are True (thus -126° etc.) and are given from Seaward.  
All Heights are expressed in Feet above High Water Springs.  
For Abbreviations see Admiralty Chart 5011.

Natural Scale  $\frac{1}{100,000}$   
SOUNDINGS IN FATHOMS  
(Under Eleven in Fathoms and Feet)

Projection - Gnomonic.

**CAUTION**

Owing to the strength of the tidal streams, the inequalities in the bottom and the configuration of the land, great irregularities both in the direction and rate of the streams may occur during short periods in small areas on this chart.



Tidal Information and Chart Datum

Place	Height above datum of soundings				Datum to which soundings are reduced and Remarks
	High Water		Low Water		
	Mean Springs	Mean Neaps	Mean Springs	Mean Neaps	
Duncansby Hd	10.0 feet	7.7 feet			
Muckle Skerry	7.4 "	5.4 "	0.5 feet	2.5 feet	See low water heights.
Widowall Bay	10.7 "	7.7 "	0.6 "	3.6 "	1.5-2.1' below Ordnance Datum or 21-0' below a bench mark X (15-7) cut on the mill house on the East shore of Widowall Bay.
Stroma (Landing Place)	9.1 "	6.5 "	0.8 "	3.4 "	See low water heights.

**NOTE**  
For tidal streams see Atlas of Tides and Tidal Streams, British Isles and Adjacent Waters, Charts 5303 & 5304, or Pocket Tidal Stream Atlas of the Pentland Firth and Approaches to Kirkwall.