



SOURCES

2011-2013	1:5000-1:10000	1990-1993	1:2500-1:10000
2008-2010	1:5000-1:10000	1970-1989	1:5000-1:20000
1993-2003	1:2500-1:10000	1970-1977	1:50000
1993-1997	1:2500-1:10000	1970-1977	1:50000
		1970-1977	1:50000
		1970-1977	1:50000
		1970-1977	1:50000
		1970-1977	1:50000
		1970-1977	1:50000
		1970-1977	1:50000

Total Levels referred to Datum of Soundings

Place	Lat N	Long W	MHW	MWS	MLWN	MLWS	Datum and Remarks
Dunbar	56°00'	2°21'	5.3	4.1	2.0	0.9	2.80m below Ordnance Datum (Newlyn)
Town	56°04'	2°27'	5.4	4.2	2.0	0.8	
Cockenzie	55°58'	2°11'	5.4	4.4	2.0	0.8	2.80m below Ordnance Datum (Newlyn)
Leith	55°59'	3°13'	5.6	4.4	2.0	0.8	2.80m below Ordnance Datum (Newlyn)
Burntisland	56°03'	3°14'	5.2	4.4	2.1	1.0	2.80m below Ordnance Datum (Newlyn)
Kirkcaldy	56°09'	3°09'	5.3	4.1	1.8	0.6	2.80m below Ordnance Datum (Newlyn)
Methtil	56°11'	3°20'	5.5	4.2	1.8	0.7	2.80m below Ordnance Datum (Newlyn)
Andrusher East	56°13'	2°42'	5.3	4.2	2.0	0.8	2.80m below Ordnance Datum (Newlyn)

Tidal Streams referred to HW at LEITH

Hour	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
Current	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6
Direction	090	095	100	105	110	115	120	125	130	135	140	145	150	155	160	165

COMPULSORY PILOTAGE AREA /
VESSELS OVER 45m CARRYING DG
VESSELS OVER 60m
DREDGING CIVIL ENGINEERING
& ANTI POLLUTION VESSELS
OVER 85M

COMPULSORY PILOTAGE AREA /
VESSELS OVER 45m CARRYING DG
VESSELS OVER 60m
DREDGING CIVIL ENGINEERING
& ANTI POLLUTION VESSELS
OVER 85M

COMPULSORY PILOTAGE AREA / COMMERCIAL VESSELS
OVER 150m & ALL NAVY AND PASSENGER VESSELS

COMPULSORY PILOTAGE
AREA / VESSELS OVER 45m
DREDGING CIVIL ENGINEERING
& ANTI POLLUTION VESSELS
OVER 85M

COMPULSORY PILOTAGE AREA /
VESSELS OVER 45m CARRYING DG
VESSELS OVER 80m
DREDGING CIVIL ENGINEERING
& ANTI POLLUTION VESSELS
OVER 85M

INTERNATIONAL
CHART SERIES

SCOTLAND - EAST COAST
FIRTH OF FORTH
ISLE OF MAY TO INCHKEITH

DEPTHS IN METRES
SCALE 1:50 000

Depths are in metres and are reduced to Chart Datum, which is approximately the level of Lowest Astronomical Tide.
Heights are in metres. Underlined figures are drying heights above Chart Datum. Vertical clearance heights are above Highest Astronomical Tide. All other heights are above Mean High Water Springs.
Positions are referred to the WGS84 compatible datum, European Terrestrial Reference System 1989 Datum.
Navigational marks: IALA Maritime Buoyage System - Region A (Red to port).
Projection: Transverse Mercator.
Sources: The origin, scale, date and limits of the hydrographic information used to compile the chart are shown in the Source Diagram. The topography is derived chiefly from Ordnance Survey maps.

MORTIMER'S DEEP (OWE ON THE OW)
No vessel is allowed to enter Mortimer's Deep without obtaining approval through the FORTH VTS (www.forthvts.co.uk). Passage through Mortimer's Deep and the channels leading to it is prohibited when tides are heaving at flood/ebb terminal or near-ebb or near-flood.

DESIGNATED ANCHORAGE
Deep water anchorages, with their bearing circles, are shown that (1)

LADEN TANKERS
Laden tankers should avoid the area between Bass Rock (56°04' 46" 23" S/W) and the coast.

HISTORIC WRECK
(OWE ON THE OW)
The sites of historic wrecks are protected from unauthorised interference.

PIPELINES
Mortimer's Deep is crossed by a number of pipelines. Pipelines are not always marked and their presence may significantly reduce the channel depth. They may also cause seabed instability and cause fishing gear to become irretrievably entangled, putting a vessel in severe danger. Any damage or potential damage to a pipeline should be reported immediately to the FORTH VTS (www.forthvts.co.uk).

EXPERIMENTAL BUOYS
(56°06' 48" 23" S/W)
Experimental buoys may be laid by the Northern Lighthouse Board within this area. They have no navigational significance.