Supersedes Chart No. 93.

STRAIT OF GIBRALTAR

FROM THE SPANISH GOVERNMENT CHARTS OF 1936.
With corrections to 1953.

For native Geographical Terms see Glossary in Admiralty Sailing Directions.
Bearings refer to the True Compass and are given from Seaward. (Bas=126° etc.)
All heights are expressed in feet above High Water Springs.
For abbreviations see Admiralty Chart 5011.
Natural Scale $\frac{1}{100000}$ (at Lat. 36°N.)
Projection.—Mercator.
SOUNDINGS in FATHOMS
[Under Eleven in fathoms and feet.]

CAUTION

Tunny nets may be found off the Spanish and African coasts and off the E. coast of Gibraltar extending as much as 7 miles off shore. Mariners are warned to keep a good lookout for these nets which are generally marked by day and night and as described in the Sailing Directions.

P. du Banc
Burgoyne = 1582

Corrections observations under 12-12-58
1 See 2246(T) 58

Longitude 6° West from Greenwich

Tidal Information

Place	Height above datum of soundings			
	High Water		Low Water	
	Mean Springs	Mean Neaps	Mean Springs	Mean Neaps
Tarifa	4·6 feet	3·4 feet	0·6 feet	1·7 feet
Algeciras	3·9 "	3·0 "	0·9 "	1·8 "
Gibraltar	3·7 "	2·9 "	0·8 "	1·5 "
Tangier	7·5 "	5·6 "	1·1 "	2·8 "
Ceuta	3·3 "	2·4 "	0·4 "	1·3 "

Tidal Streams and Currents

The time of the turn of the tidal stream is later off shore than in shore; the approximate time of turn on the pecked lines may be obtained by applying the interval given to the time of H.W. at Gibraltar. The streams may attain a velocity of as much as 7knots in shore of the inner pecked line; velocity decreases off shore and does not exceed about 12 knots at the outer pecked line.

In the centre of the Straits a current runs continually to Eastward, uninfluenced by tidal stream. As the centre of the Straits is left the velocity of this current decreases and the influence of the tidal stream becomes apparent, first by a decrease in the velocity of the current during the period of the Westgoing stream and a corresponding increase during the Eastgoing stream, then, by the appearance of a short Westgoing stream of low velocity, and finally near the outer pecked lines by the regular Wet and Eastgoing streams and disappearance of the current. The velocity of the Eastgoing current in the centre of the Straits is variable; it is generally strongest between Sidi Musa and Punta del Asbodole but during periods of prolonged Easterly winds it may cease or even run to Westward.

Eddies and heavy overfalls with steep breaking sea occur during heavy weather, especially near springs, at the positions shown.

See also remarks on Tidal Streams in the Admiralty Sailing Directions.

BRITISH UNITS — METRES

FATHOMS	1	2	3	4	5	6	7	8	9	10
0 FEET	6	12	18	24	30	36	42	48	54	60
0	1·8	3·6	5·5	7·3	9·1	10·9	12·8	14·6	16·4	18·3
1	20·1	21·9	23·8	25·6	27·4	29·3	31·1	32·9	34·7	36·6
2	38·4	40·2	42·1	43·9	45·7	47·6	49·4	51·2	53·1	54·9
3	56·7	58·5	60·4	62·2	64·0	65·8	67·7	69·5	71·3	73·2
4	75·0	76·8	78·6	80·5	82·3	84·1	86·0	87·8	89·6	91·4
5	93·3	95·1	96·9	98·8	100·6	102·4	104·3	106·1	107·9	109·8

Small Corrections 1950-129 - 2106 - 3047 1954-305 - 704 - 1142 - 2171 - 2448 - 1957 - 944 - 1114 - 1379 - 1383 - 1398 1955-168 - 2 - 8 - 1144 - 1280 - 2280 - 1979 - 42

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