



United Kingdom
Hydrographic Office

UK National Report

6th ROPME Sea Area Hydrographic Commission
Abu Dhabi, UAE, 9-11 February 2015



George Wallace (UK)



United Kingdom

Hydrographic Office

Building on Success

UK activity 2013-14

- **Chart production**
- **ENC Production**
- **Publications**
- **Capacity Building and Training**



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Chart Production

Generic reasons for New Editions/New Charts

- New navigationally significant data too large for NtoM
- Horizontal positional inaccuracies
- New/changed IMO adopted routeing measures
- New port developments/ traffic movements

All to ensure the safety of the mariner



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Chart Production

- 15 NE/NCs produced for the following key reasons:
 - Metric conversion of fathoms charts and horizontal rectification
 - Changes due to new surveys and depth information
 - Larger scale port coverage





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ENC Production

131 GB cells currently available in RSAHC region

Coverage currently comprises:

- 1 Berthing (+1)
- 36 Harbour (+3)
- 52 Approach
- 33 Coastal
- 6 General
- 0 Overview





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Publications

The current status of Admiralty Sailing Directions in the RSAHC region is as follows:

- NP38 West Coast of India Pilot July 13
- NP63 Persian Gulf Pilot Apr 13
- NP64 Red Sea and Gulf of Aden Pilot Oct 12



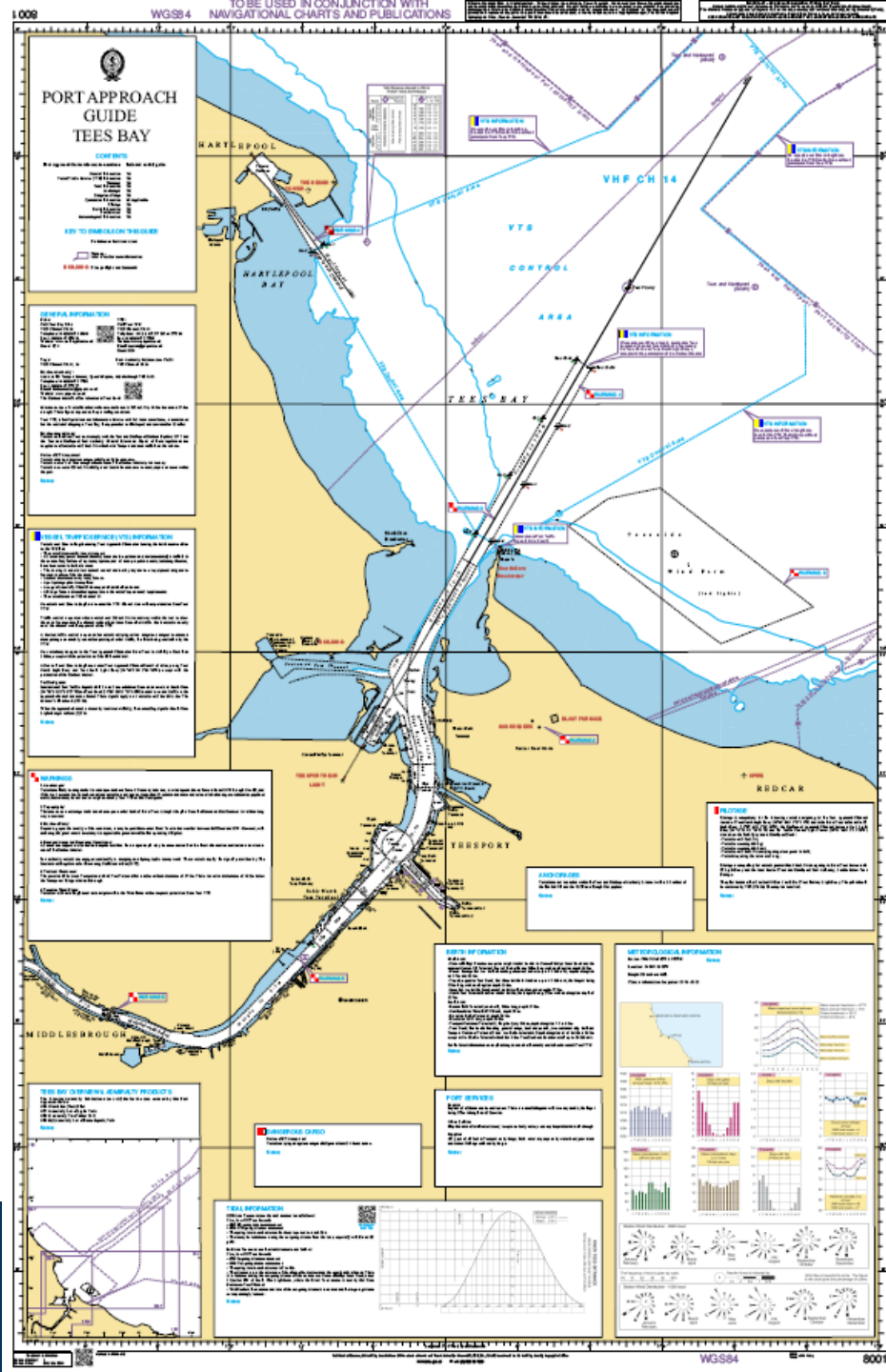


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New Products

■ **Port Approach Guide - contains information from**

- Standard navigation charts
- Sailing Directions
- Tidal Publications
- Lights/ Radio Signals



PORT APPROACH GUIDE TEES BAY

CONTENTS

Port Approach Guide information sections Included on this guide

General Information	Yes
Visual Traffic Service (VTS) Information	Yes
Warnings	Yes
Tide Information	Yes
Anchorages	Yes
Dangerous Cargoes	Yes
Questionnaire Information	Not applicable
Portage	Yes
Birth Information	Yes
Port Services	Yes
Metereological Information	Yes

KEY TO SYMBOLS ON THIS GUIDE

Prohibited or Restricted Areas

Warning - refer to text for more information

BUILDING Principal lights and landmarks

GENERAL INFORMATION

VTS:
Call: Tees VTS
VHF Channel: Ch 14
Telephone: +44(0)1642 435568
Fax: +44(0)1642 475991
Website: www.teesvts.co.uk
Hours: 24/7



Port Authority:
Address: P20 Transport Limited, Queen's Square, Middlesbrough TS2 1AL
Telephone: +44(0)1642 277301
Fax: +44(0)1642 277327
Email: harbourmaster@ports.co.uk
Website: www.ports.co.uk
The Harbour Master's office is located at 'Stein Dock'



Signs:
VHF Channel: Ch 14, 16
Port Authority Maitland since Craft:
VHF Channel: Ch 16

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Maximum size of vessel handled without consultation: 305m LOA, 40m beam and 17m draught. These figures depend on the prevailing conditions.

Tees VTS, a Port Operations and Information Service with full radar surveillance, is maintained for the control of shipping in Tees Bay, the approaches to Hartlepool and onwards for 12 miles.

Harbour regulations:
Vessels on the River Tees must comply with the Tees and Hartlepool Harbour Byelaws 1977 and the Tees and Hartlepool Port Authority General Directions. Copies of these regulations are supplied to all vessels over 20m LOA which visit Teesport and are available on the website.

Notice of RTA required:
Vessels carrying dangerous cargoes shall give 24 hours notice.
Vessels in excess of 10m draught should consult the Harbour Master prior to entry.
Vessels in excess of 20m LOA shall give at least 6 hours notice to enter, depart or move within the port.

Notes:

VESSEL TRAFFIC SERVICE (VTS) INFORMATION

Vessels over 20m in length entering Tees Approach Channel or leaving the berth must continue to the VTS team:

- The vessel is underway in every respect
- All necessary power or mechanical systems are in operation and are immediately available in the event of any failure of a primary system, and all main propulsion units, including thrusts, have been tested in both directions
- The steering is under direct manual control and not by any device or equipment designed to function in place of the steering
- Anchor is cleared away ready for use
- A port passage plan is completed
- A copy of Admiralty Chart 2560 or equivalent is held on board
- A Bridge Team is assembled appropriate to the vessel's operational requirements
- The vessel listens on VHF Channel 14

No vessels over 20m in length are to enter the VTS Control Area without permission from Tees VTS.

Traffic control is operated when a vessel over 20m LOA is underway within the river to allow the vessel to negotiate the channel without hindrance from other traffic. Such vessels can only enter the channel with the approval of the VTS.

A limited traffic control is operated for vessels carrying certain dangerous cargoes to ensure a clear passage or carefully controlled passing of other traffic, the latter being controlled by the VTS.

No vessel may navigate in the Tees Approach Channel or River Tees in violation of less than

HARTLEPOOL

HARTLEPOOL

HARTLEPOOL BAY

TEES BAY

North Gate Breakwater

South Gate Breakwater

Teesside

Wind Farm

(red lights)

Tide Gauges related to HM at TEES TESS ENTRANCE

Hour	Mean High Water	Mean Low Water	Mean Spring Tide	Mean Neap Tide
1	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00

VTS INFORMATION
No vessels over 20m in length are to enter the VTS Control Area without permission from Tees VTS.

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No vessels over 20m in length are to enter the VTS Control Area without permission from Tees VTS.

VTS INFORMATION
No vessels over 20m in length are to enter the Tees Approach Channel from North of a line joining the Tees North and Tees South Light Buoys, except with the permission of the Harbour Master.

VTS INFORMATION
No vessels over 20m in length are to enter the VTS Control Area without permission from Tees VTS.

VTS INFORMATION
International Port Traffic Signals No 2 and 5

WARNING 3

WARNING 4

WARNING 6



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Looking Ahead

Continuing UK activity 2015-16 and beyond

- 11 New Editions/New Charts
- New Editions of Sailing Directions
- Continuing efforts to support local data gathering initiatives, and to link these into a broad programme of prioritised chart compilations and new editions.





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Proposal

- RSAHC delegates are invited to note this report