



# UNITED KINGDOM NATIONAL REPORT

TO THE

13<sup>TH</sup> BALTIC SEA

HYDROGRAPHIC COMMISSION MEETING

ROSTOCK, GERMANY

19<sup>TH</sup> – 21<sup>ST</sup> AUGUST 2008

**NOTE:** This report describes only UK's activities of direct relevance to the BSHC region. If required, further details of UKHO's role and other activities may be found on the UKHO website ([www.ukho.gov.uk](http://www.ukho.gov.uk)) and in the UK Generic National Report 2008, posted on the IHO website ([www.iho.int](http://www.iho.int)).

## 1. UNITED KINGDOM HYDROGRAPHIC OFFICE (UKHO)

Current UKHO contact details relevant to BSHC are included at the end of this report. UK has nothing further to report specific to the BSHC region.

## 2. SURVEYS

Nothing to report specific to BSHC region.

## 3. CHARTS AND PUBLICATIONS

### 3.a. CHARTS

3.a.1 The following paragraphs provide information specifically relevant to the BSHC region.

#### Paper Charts and ARCS

3.a.2 The following paper charts and ARCS have been published since the last BSHC meeting:

GB Chart	INT Chart	Title	Published
NE 426	INT 1448	Denmark - Limfjorden - Thyborøn to Mors	24-Apr-08
NE 427	INT 1449	Denmark - Limfjorden - Mors to Løgstør	13-Dec-07
NE 869	—	Sweden - West Coast, Hunnebostrand to Uddevalla and Gullholmen	20-Sep-07
NE 870	—	Sweden - West Coast, Gullholmen to Stenungsund and Marstrand	11-Oct-07
NE 874	—	Sweden - West Coast, Varberg to Tylön	11-Oct-07
NE 875	—	Sweden - West Coast, Tylön to Kullen	21-Jun-07
NE 900	INT 1376	Denmark - Lillebælt - Snævrøingen and Kolding Fjord	13-Dec-07
NE 911	—	Sweden - West Coast, Malmö and Limhamn	26-Jul-07
NE 931	—	Denmark - Kattegat - Odense Fjord	24-Apr-08
NE 949	INT 1372	Denmark - Kattegat - Århus	06-Dec-07
NE 2115	—	Entrance to The Baltic - The Sound	01-May-08
NE 2354	INT 1362	Baltic Sea - Germany, Travemünde and Approaches	26-Jul-07
NE 2369	—	Baltic Sea - Darłowo to Mys Taran including Gulf of Gdańsk	01-May-08
NE 2370	INT 1355	Baltic Sea - Germany - Rostock	21-Feb-08
NE 2395	—	Baltic Sea - Russia - Sankt Peterburg and Approaches	21-Jun-07
NE 2469	INT 1366	Germany - Nord - Ostsee - Kanal (Kiel Canal)	17-Apr-08
NE 2583	—	Baltic Sea - Denmark - Smålandsfarvandet - Western Part	07-Aug-08
NE 2590	INT 1380	Denmark - Kattegat - Århus Bugt	10-Jul-08
NE 2591	INT 1377	Denmark - Kattegat, Farvandet Nord for Fyn (Waters North of Fyn)	26-Jul-07
NE 2595	INT 1332	Entrance to the Baltic - The Sound - Southern Part	17-Apr-08
NE 2676	INT 1299	Baltic sea - Poland, Szczecin and Świnoujście	06-Sep-07
NE 2677	INT 1297	Baltic Sea - Poland and Germany, Zalew Szczeciński - Northern Part	06-Sep-07
NE 2678	INT 1298	Baltic Sea - Poland, Zalew Szczeciński - Southern Part	06-Sep-07
NE 2680	INT 1290	Baltic Sea - Poland, Gdynia and Gdansk	23-Aug-07
NE 2688	INT 1288	Baltic Sea - Poland - Approaches to Gdynia and Gdańsk	01-May-08
NE 3160	—	Norway and Sweden - South Eastern Approaches to Oslofjorden	05-Jul-07
NE 3439	—	Finland - South West Coast - Saaristomeri, North Eastern Part - Outer Approaches to Turku	06-Sep-07

### ENCs

3.a.3 UK's Admiralty Vector Chart Service (AVCS) was launched in April 2008. It contains only ENCs. To improve continuity of coverage (a major barrier to the use of ENCs), UK sought Coastal

State approval for the production of interim “infill” ENC’s based on UK paper charts. To date, in excess of 350 new ENC’s have been produced to fill gaps in existing coverage around the world. These infill ENC’s will be withdrawn when Coastal States are in a position to maintain and issue their own. There are no infill charts within the area of the BSHC.

3.a.4 UK is undertaking a programme of work to resolve the issue of those charts that are needed for the infill programme but are currently on undetermined geodetic datum. So far, using Landsat imagery, work on about 100 charts has been completed sufficiently to allow ENC’s to be produced. This work will need to continue over the next two years and will include using high resolution imagery to improve accuracies for large scale charting.

3.a.5 UK has re-assessed all of its ENC’s against the IHO guidelines for consistency and is working to make them compliant. At present, many cells are not in the IHO recommended usage bands. To improve the usability of its ENC data, UK has applied SCAMIN to all its cells using software tools. We recognise that this is not as good as the cartographic solution used by some HO’s however we believe that it is a practical way to start addressing the issue for those nations who have already issued a large number of ENC’s.

3.a.6 Whilst developing AVCS, UK identified issues affecting the quality and updating of ENC’s. The Royal Navy became aware of these issues and, because it uses ECDIS for primary navigation, requested assurances that all ENC’s issued to them were accurate and up-to-date. UK informed the IHB of its concerns and, as a result, the WEND Task Group was asked to look into the matter. In order to provide the Royal Navy with the assurance it requires, UK has initiated an exercise comparing ENC’s with Admiralty paper charts and, where any differences are found, with the appropriate national chart series. Any outstanding differences are being referred to the producer nation for comment.

### 3.b. PUBLICATIONS

#### Paper publications

3.b.1 The status of Admiralty Sailing Directions in the BSHC region is as follows:

##### *New Editions Published since last BSHC meeting:*

NP 19	Baltic Pilot Volume 2	July 2008
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##### *New Editions to be Published*

NP 18	Baltic Sea Pilot Volume 1	2009
NP 19	Baltic Sea Pilot Volume 2	2011
NP 20	Baltic Sea Pilot Volume 3	2009

#### Digital Publications

3.b.2 Nothing to report specific to BSHC region.

### 4. MSI

As Coordinator for NAVAREA I, UK cooperates closely with Sweden, coordinator of the Baltic Sea Sub Area.

### 5. CAPACITY BUILDING

Since the last BSHC meeting, three individuals from the BSHC region have attended training courses run by UKHO.

### 6. S-55 LATEST UPDATE

Nothing to report specific to BSHC region.

### 7. OCEANOGRAPHIC ACTIVITIES

Nothing to report specific to BSHC region.

## 8. CONCLUSION

UKHO continues its commitment to carrying forward hydrographic activities through the work of the IHO's Regional Hydrographic Commissions, and notes that each exhibits its own particular opportunities and challenges.

Taunton, August 2008

### UKHO POINTS OF CONTACT

**UKHO Website: [www.ukho.gov.uk](http://www.ukho.gov.uk)**

The general UKHO address is:

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For further information on this report, UKHO representation in international fora, and UKHO activities in general, please contact:

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For bilateral arrangements and other international partnering matters within the BSHC region, please contact the relevant Head of International Partnering:

Most of BSHC region: Mr Keith Packer Head of International Partnering (Europe) Telephone: +44 (0)1823 337900 ext 3362 E-mail: <a href="mailto:Keith.Packer@ukho.gov.uk">Keith.Packer@ukho.gov.uk</a>	Russian Federation: Mr Jeff Bryant, Head of International Partnering (Mid East, N Africa) Telephone: +44 (0)1823 337900 ext 3821 E-mail: <a href="mailto:Jeff.Bryant@ukho.gov.uk">Jeff.Bryant@ukho.gov.uk</a>
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For all matters related to charting and hydrographic data, please see contact:

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