



# UNITED KINGDOM NATIONAL REPORT

TO THE

16<sup>TH</sup> Mediterranean & Black Sea

HYDROGRAPHIC COMMISSION MEETING

Odesa, Ukraine

22-24 September 2009

This report supplements the UK Generic National Report 2009, posted on the UKHO website ([www.UKHO.gov.uk](http://www.UKHO.gov.uk)), and describes UK's activities of direct relevance to the MBSHC region.

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**NOTE:** This report supplements the UK Generic National Report 2009, posted on the UKHO website ([www.ukho.gov.uk](http://www.ukho.gov.uk)), and concentrates on UK's activities of direct relevance to the MBSHC region. Further details of UKHO's role and other activities may be found on the UKHO website.

## **1. UNITED KINGDOM HYDROGRAPHIC OFFICE (UKHO)**

### **AVCS Launch**

1.1 Since the last meeting of MBSHC, UKHO has been working on the introduction of the Admiralty Vector Chart Service (AVCS) with the aim of providing the Mariner with the ENC coverage needed ahead of ECDIS mandation. This has involved close cooperation with other Hydrographic Offices around the world to provide greater access to ENCs and enhanced coverage where ENCs have not previously been available.

### **Changes in UKHO Organization**

1.2 UKHO's organization continues to evolve with changes in both organization and personnel. Within the Operations Directorate, the Chart Branch functions have been aligned with new production processes. The contacts for discussion of charting matters for most of the MBSHC region are Mrs Anne Kearle and Mr Graham Denslow. The contact for France and Spain is Mr Ian Sutcliffe.

UKHO's bilateral arrangements within the MBSHC region are developed and looked after by Dr Paul Canham.

UK's hydrographic representation in international fora is coordinated by Dr Robin Hensley and Mr Nigel Sutton.

Contact details are provided at the end of this report.

### **Changes to Production Systems**

1.3 UKHO continues to work towards a fully digital production flowline to replace the existing analogue and digital system. Known as the Production Systems Delivery Programme (PSDP), the Programme is designed to deliver the new infrastructure and processes required by the UKHO. To date, the UKHO's working archive has been catalogued and documents captured in digital format, and geo-referenced. Receipt and distribution of source data documents in digital format has been implemented, managed by workflow software. Trials of the Hydrographic Database have been completed and the large and complex task of data population has also been tested and is now underway in conjunction with the roll-out of the system. The requirements for the replacement of other legacy systems has also been reviewed and will be the subject of the Programme activity over the next few years.

## **2. SURVEYS**

2.1 Details of the management of civil hydrographic surveys in UK Home Waters are provided in the UK Generic National Report and on the UKHO website. UK's National Hydrographic Committee has met on an annual basis for many years and provides the necessary breadth of interests to ensure that all requirements are taken into account when prioritizing UK's civil hydrographic survey programme.

2.2 Any requests for survey assistance from nations within this RHC region will be assessed within the MOD, with advice from UKHO. UKHO can also contribute to project management of hydrographic surveys.

### 3. CHARTS AND PUBLICATIONS

#### 3.a. CHARTS

3.a.1 Information on UK's chart portfolio is provided on the UKHO website. The following paragraphs provide information specifically relevant to the MBSHC region.

3.a.2 The following charts have been published since the last MBSHC meeting

GB Chart Number	INT Chart Number	Title	Published
NE 118		Ports in the Gulf of Genoa	29 May 2008
NE 131		Ports on the West Coast of Italy	24 Jan 2008
NE 194		Approaches to Malta and Ghawdex (Gozo)	14 Aug 2008
NC 205 (adoption)	INT 3492	Approaches to Nisos Kerkyra and Nisoi Paxoi	17 Apr 2008
NE 224		Marmara Denizi	28 May 2009
NC 246 (adoption)	INT 3660	Iskenderun Korfezi	24 Jul 2008
NC 247 (adoption)		Iskenderun Korfezi Northern Terminals	24 Jul 2008
NE 355 (re-adoption)	INT 3362	Port of Genova – East Part	18 Jun 2009
NE 356 (re-adoption)	INT 3360	Approaches to Genova	13 Mar 2008
NE 580		Al Hoceima, melilla and port Nador with approaches	25 June 2009
NE 822		Approaches to Oran, Arzew and Mostagenem	13 Dec 2007
NE 914		Capo Miseno to Torre del Greco including the Approaches to Napoli	25 Jun 2009
NE 915 (re-adoption)	INT 3386	Napoli	16 Oct 2008
NE 964		Sicilia West Coast including Isole Egadi	26 Mar 2009
NE 1005		Marmara Adasi to Istanbul Bogazi (The Bosphorus)	28 May 2009
NC 1015 (adoption)	INT 3754	Southern Approaches to Istanbul Bogazi	30 Oct 2008
NC 1195 (adoption)		Anchorage in the Southern Approaches to Istanbul Bogazi	25 Oct 2007
NE 1274		Samsun and Fatsa with Approaches	2 Jul 2009
NE 1275		Eregli to Amasra	19 Jun 2008
NE 1418		Approaches to Brindisi	26 Jun 2008
NE 1526		Straits and Harbours in the Islands of Samos, Ikaria and Fournoi	15 Nov 2007
NE 1531		Harbours in the Northern Dodekanisos	24 Apr 2008
NE 1591	INT 3681	Ports on the coast of Israel	26 Mar 2009
NE 1909		Ile Plane to Chercell	14 Feb 2008
NE 1985		Ajaccio to Oristano including Bonifacio Strait	6 Dec 2007
NE 1912		Ports on the North and West coast of Morocco	26 Feb 2009
NE 1990		Oristano to Arbatax including Golfo di Cagliari	6 Dec 2007
NE 2070		Approaches to Thessaloniki	9 Apr 2009
NE 2236		Tirebolu to Tuapse	10 Jan 2008
NE 2242		Kerch Strait	26 Mar 2009
NE 2538		Malta	14 Aug 2008
NE 2578	INT 3550	Mina Dumyat (Damietta Port) to Port Said (Bur Said)	28 May 2009
NE 3119	INT 3554	Mina El Iskanderiyah (Port of Alexandria)	19 June 2008
NE 3313		Sokhumi to Bat'umi	24 Jul 2008
NE 3317		P'ot'i, Bat'umi and Kulevi	28 May 2009

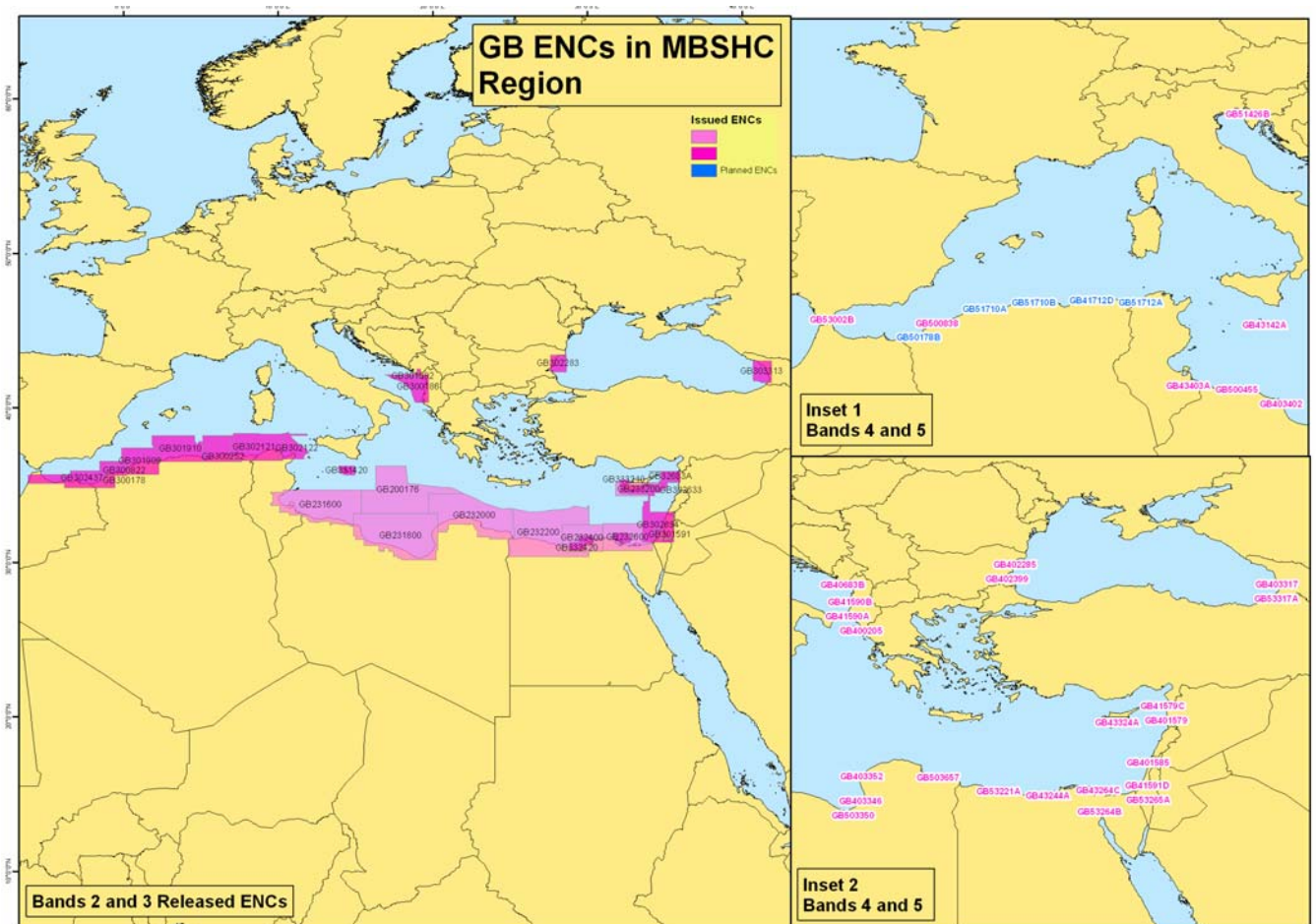
3.a.3 Charts scheduled for publication in the next six months include: GB 917, 992, 1473, 1585 (INT 3680), 2216, 2217, 2232, 2399, 3119. Charts scheduled beyond that include: GB 302 (INT 3553), 855, 908, 1004, 1061, 1561 (INT 3671), 1675, 2203, 2214, 2230, 2233, 2284

## ENCs

3.a.4 UKHO, having completed ENC production for UK home waters, is now engaged in the production of ENC for other areas where it is Primary Charting authority. Full details of UK's ENC coverage are provided on UKHO website where there is both an online catalogue and a more functional downloadable digital catalogue (see below).

3.a.5 UKHO, along with other European hydrographic offices was a founder member of the International Centre for ENC (IC-ENC) RENC which is the route to market for UK ENC. IC-ENC concentrates its efforts on the validation and consistency of ENC data and leaves the marketing of ENC to the shipping industry to its value added resellers. Details can be found on the IC-ENC website (ic-enc.org).

3.a.6 Within the MBSHC Region, UK has so far published 108 ENC cells, 81 of which have been released since the last MBSHC meeting. A further 5 cells are currently in production.



### 3.b. PUBLICATIONS

#### General

3.b.1 Information on UK's publication portfolio is provided on UKHO website. The following paragraphs provide information specifically relevant to the MBSHC region.

#### Paper publications

3.b.2 The status of Admiralty Sailing Directions in the MBSHC region is as follows:

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

NP 45	Mediterranean Pilot Vol I	December 2008
NP 46	Mediterranean Pilot Vol II	September 2010
NP 47	Mediterranean Pilot Vol III	January 2009
NP 49	Mediterranean Pilot Vol V	April 2009

##### *New Editions to be Published*

NP 24	Black Sea and Sea of Azov Pilot	July 2010
NP 45	Mediterranean Pilot Vol I	September 2011
NP 46	Mediterranean Pilot Vol II	July 2010
NP 47	Mediterranean Pilot Vol III	September 2011
NP 48	Mediterranean Pilot Vol IV	October 2009

#### Digital Publications

3.b.3 UK continues to develop digital equivalents to its existing paper publications; these have the two advantages to the mariner of providing additional functionality and minimising the task of updating.

3.b.4 The Admiralty digital catalogue (version 1.6 recently released) may be downloaded free from the UKHO website ([www.ukho.gov.uk](http://www.ukho.gov.uk)); it includes details of all paper and digital charts and publications, including P and T NMs, and is updated weekly. It is a useful tool to check on the ENC coverage within the region and to show the latest edition dates of both charts and publications.

### 4. MSI

4.1 The UK's principal responsibility in the MBSHC region is for the British Overseas Territory of Gibraltar. UK maintains close liaison with Spain, the coordinator for NAVAREA III (covering the Mediterranean area).

4.2 UK also maintains close liaison with France, the coordinator for NAVAREA II (covering the western part of the Straights of Gibraltar).

### 5. CAPACITY BUILDING

#### Offer of and/or demand for Capacity Building

5.1 UK fully supports the IHO CBC strategy and particularly its emphasis on getting Phase 1 and appropriate Phase 2 capacity in place to enable coastal states to meet their obligations under SOLAS Chapter V Regulations 4 and 9. UK will continue to contribute resources to both CBC initiatives and to bilateral assistance.

## **Training received, needed, offered**

### *Training provided by UKHO*

5.2 The UK Generic National Report, posted on the IHO website, includes a general description of training provided by UKHO. Further details of the training opportunities offered by UKHO are provided on the UKHO website.

### *ENC Training and Assistance*

5.3 UKHO strongly supports the successful uptake of ECDIS using ENC, and is happy to assist other nations to produce, maintain and distribute ENCs. Details of courses, sponsorship, venues and options for bespoke training provided by UKHO are included in the UK Generic National Report, posted on the UKHO website.

Since the last MBSHC meeting, funded training has been provided to students from Albania, Algeria, Bulgaria and Romania. We are being funded by the NIPPON Foundation to deliver the UKHO internationally accredited course (Hydrographic Data Processing , Marine Cartography and specialism ENC) to 6 selected students. The course is being delivered Sept - Dec at the UKHO. A Turkish candidate has been selected to attend the programme.

### *Training at Hydrographic and Meteorological Training Group (HMTG)*

5.4 Nationally and internationally certified courses delivered by HMTG (formerly known as the RN Hydrographic School) in Plymouth, are described in the UK Generic National Report, posted on the UKHO website.

## **6. S-55 LATEST UPDATE**

6.1 As described in the UK Generic National Report, posted on the UKHO website, UK has established internal procedures to ensure the annual updating of the S-55 entries for UK Home Waters and its Overseas Territories, including, within the MBSHC area, Gibraltar.

6.2 UK has also provided assistance to update S-55 entries to countries where UKHO retains the primary charting responsibility, recognizing that local input remains critical to the maintenance of S-55 as an up-to-date and authoritative reference document.

## **7. OCEANOGRAPHIC ACTIVITIES**

7.1 UK's oceanographic activities are described in the UK Generic National Report, posted on the UKHO website.

## **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 2009

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