



UK Hydrographic
Office

SAIHC 16-15.1G UK National Report

UNITED KINGDOM NATIONAL REPORT

to the

SOUTHERN AFRICAN AND ISLANDS
HYDROGRAPHIC COMMISSION (SAIHC)
16TH MEETING

CAPE TOWN, SOUTH AFRICA

2 - 5 September 2019

This report supplements the UK Generic National Report, posted on the UKHO website

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1. UNITED KINGDOM HYDROGRAPHIC OFFICE (UKHO)

UK Delivery of Hydrographic Services

1.1 The UK delivery of hydrographic services is described in the UK Generic National Report. However, it is worth highlighting the close liaison which exists between UK's Hydrographic Office (UKHO) and UK's maritime administration Maritime & Coastguard Agency (MCA) in providing a co-ordinated approach to hydrographic and maritime safety representation both nationally and internationally.

UKHO Governance and Targets

1.2 This is described in the UK Generic National Report to the IHO, see www.gov.uk/government/organisations/uk-hydrographic-office/about

UKHO Organisation



1.3 Details of the UKHO's organisation are provided in the UK Generic National Report (section 1) together with general contact details. Specific contact details relevant to the SAIHC region are included at the end of this report.

Production Systems

1.4 This is described in the UK Generic National Report.

Cooperation and Partnerships



1.5 The UK is committed to bilateral arrangements, developed in co-operation with other international government hydrographic authorities, covering a range of topics, including the use of copyright data. These also promote other forms of co-operation between the participants, helping to enhance international maritime safety and protection of the environment. The photo above, taken during SAIHC15, celebrates the signing of a revised bilateral arrangement between UK and Mozambique.

2. REGIONAL ACTIVITY

United Kingdom Overseas Territories

2.1 UK fulfils the Primary charting responsibilities of the UK Overseas Territories, namely St Helena, Ascension and Tristan da Cunha within the SAIHC region.

The UKHO continues to run an Overseas Territories Seabed Mapping Programme, which is reviewing the status of hydrography within the UK OTs, and continues to highlight the importance and utility, both locally and within UK government, of Hydrography and the wider blue economy within the context of the UK OTs. Under this programme, UKHO are delivering survey activity in a number of UK OTs during 2019, as well as working with OTs to ensure their compliance with the Hydrographic elements of SOLAS, and plan further similar activity in future years.

SURVEYS

2.2 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 (known as the Civil Hydrography Annual Seminar (CHAS)) meets on an annual basis and provides the necessary breadth of interests to ensure that all surveying requirements are taken into account when prioritising the work of the Civil Hydrography Programme (CHP). CHAS was expanded in 2007 to include a much wider range of organisations, which conduct hydrographic surveys, and has been considerably successful in promoting co-operation between these organisations.

2.3 The UK government's **Commonwealth Marine Economies (CME) Programme** aims to support the sustainable economic growth of Small Island Developing States (SIDS) by maximising the potential of their marine resources, helping to improve their resilience to climate change and natural disasters, protect their environment and food security, and ultimately improve the livelihood of local communities. The CME Programme is now in its fourth year and the UKHO continues to take a leading role in this programme with a series of surveys, equipment procurement and capacity building planned through to 2020. We are now in discussions regarding possible continuation of the programme.

2.4 UK continues to explore how we can strengthen the relationship with countries for which we are the Primary Charting Authority (PCA). We have increased our level of engagement to better understand prioritised requirements in region.

2.5 The **UK Overseas Territories Seabed Mapping Programme** has central government funding to assess and redress the deficit of bathymetric data and lack of sound hydrographic governance in the UK's Overseas Territories (OTs). As part of this programme, a high resolution survey of St Helena was undertaken by UKHO surveyors on a local vessel during November - December 2018. This survey provides comprehensive coverage required to support activities around St Helena, and identified six previously uncharted wrecks/obstructions. The data will be used by UKHO to update ADMIRALTY charts and by the St Helena Government in further research of their marine space. The programme is now in its fourth year and will see surveys being undertaken in Bermuda and Falkland Islands in the coming year.

2.6 Any requests for survey assistance from nations within the SAIHC region will be considered, as the UKHO has a dedicated team of specialists that manages our portfolio of survey and hydrographic development programmes. In addition to survey advice, the team are configured to provide support and advice in the development of hydrographic governance and identifying funding. Mr Sam Harper is the Head of Hydrographic Programmes, a dedicated UKHO team that focuses on international survey programmes and is the initial point of contact for UKHO involvement in overseas hydrographic programmes. Further information can be obtained from (ihp@ukho.gov.uk).

3. CHARTS

3.1 UK's Generic National Report provides information on UK's portfolio of chart products and services. The following paragraphs provide information specifically relevant to the SAIHC region.

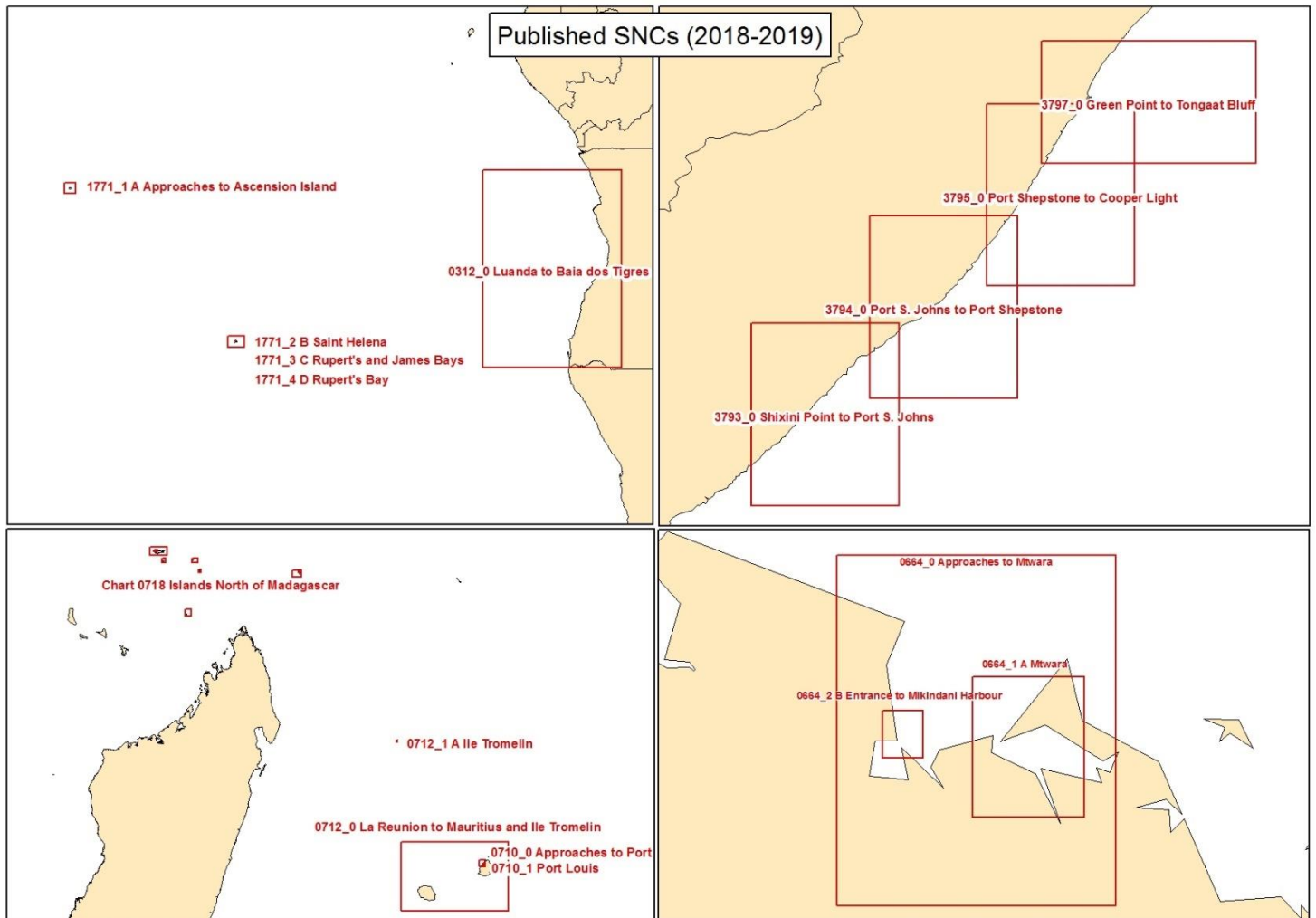
Paper Charts



3.2 Information on UK's chart portfolio is provided on the ADMIRALTY website. The following paragraphs provide information specifically relevant to the SAIHC region.

The following charts have been published since the last SAIHC meeting as New Charts or full New Editions:

GB Chart Number	INT Chart Number	Title	Published
3793	-	Shixini Point to Port S. Johns	13/09/2018
3794	-	Port S. Johns to Port Shepstone	13/09/2018
3795	-	Port Shepstone to Cooper Light	13/09/2018
3797	-	Green point to Tongat Bluff	13/09/2018
664 NC	7671	Approaches to Mtwara	25/10/2018
1771	2516	St Helena with Approaches to Ascension Island	06/12/2018
718	7731	Islands North of Madagascar	24/01/2019
710	7739	Approaches to Port Louis	28/02/2019
712	7730	La Reunion to Mauritius and Ile Tromelin	28/03/2019
312	2050	Luanda to Baia Dos Tigres	25/07/2019



New Chart and full New Editions published since last SAIHC meeting.

The following charts are scheduled for publication in the next six months:

GB Chart Number	INT Chart Number	Title
644	7581	Baia De Maputo
646	-	Porto De Maputo
693	7692	Dar Es Salaam

The following charts are scheduled for independent withdrawal in the next six months:

GB Chart Number	INT Chart Number	Title
3871	-	Madagascar - Baie De Bombetoke to Cap Saint Andre
3872	-	Madagascar - Nossi Be to Baie De Bombetoke
678	-	Ile Aux Nattes to Tamatave

Digital Charts



3.3 As noted in section 3.1, UK's Generic National Report provides information on UK's portfolio of chart products and services. The following paragraphs provide information specifically relevant to the SAIHC region.

ENCs

3.4 Within the SAIHC region, the UKHO has released a total of 105 ENC cells. The breakdown by usage band is shown in the table below:

SAIHC Region Released Cells		
ENC Usage Band	Number of GB ENCs	Comment
Overview	18	
General	5	Cancelled Cell x 1
Coastal	31	
Approach	32	New Cell x 1
Harbour	16	New Cell x 2
Berthing	3	
Total number of released ENCs	105	

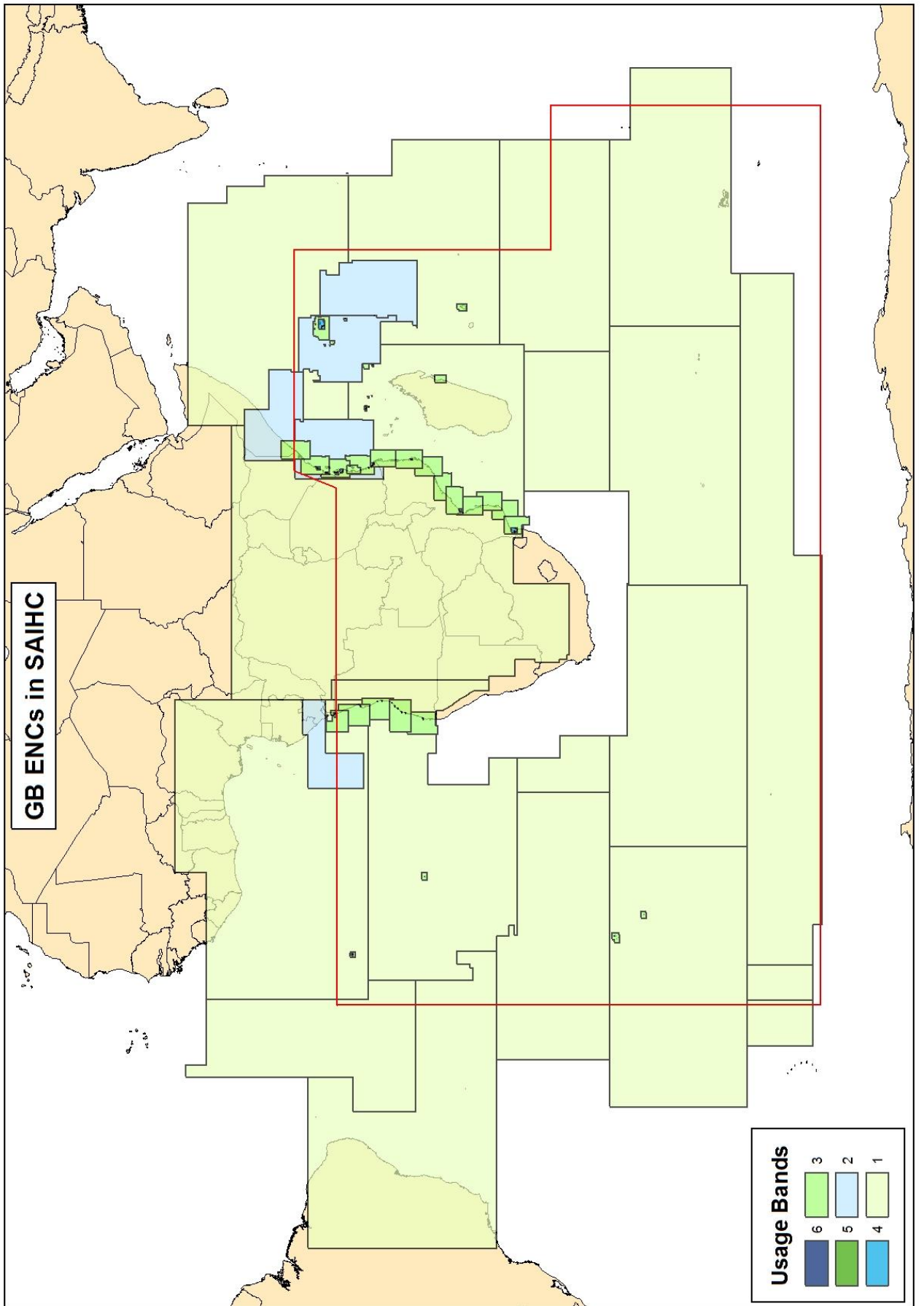
ENC totals by usage band as produced by UKHO

The tables below show revisions to GB ENC coverage for the SAIHC region during 2018/19.

New Cells	
Cellname	Released
GB400664	WK44/18
GB50664A	WK44/18
GB50664B	WK44/18

SAIHC Region Released Cells		
Cellname	Cancelled	Replaced by
GB200759	WK44/18	FR274870

The diagram overleaf shows the current status of UK ENCs within the SAIHC Region.



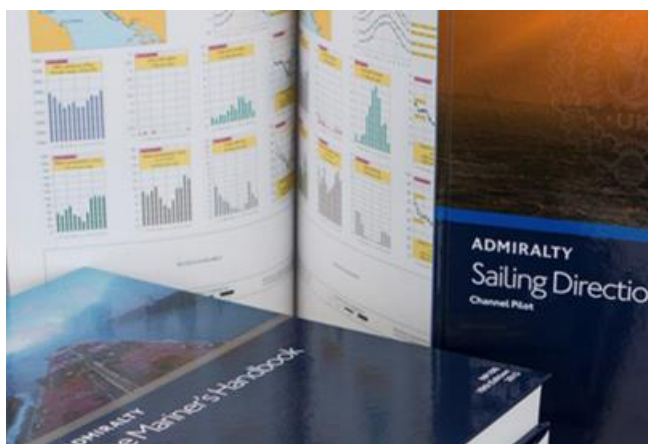
ENC Distribution

3.5 The UKHO, along with other European hydrographic offices, was a founder member of the International Centre for ENC (IC-ENC) Regional ENC Coordination Centre (RENC). IC-ENC concentrates its efforts on the validation and consistency of ENC data and leaves the marketing of ENCs to the shipping industry and to its value-added resellers (VARs) and chart agents. Additional details can be found on the IC-ENC website (www.ic-enc.org).

The UKHO also acts as a VAR in its own right, particularly promoting a global range of ENCs under the AVCS brand alongside its successful ADMIRALTY range of paper charts and publications. Additional details can be found on the ADMIRALTY website (www.admiralty.co.uk).

4. PUBLICATIONS

Paper Publications



4.1 The UKHO produces the following publications on an annual revision cycle within the SAIHC region:

- NP77 ADMIRALTY List of Lights and Fog Signals Vol. D Eastern Atlantic Ocean, Western Indian Ocean, Arabian & Red Seas
- NP203 ADMIRALTY Tide Tables (ATT) Volume 3, Indian Ocean
- NP281(1) ADMIRALTY List of Radio Signals Maritime Radio Stations Europe, Africa and Asia
- NP282 ADMIRALTY List of Radio Signals Volume 2 Radio Aids to Navigation, Satellite Navigation Systems, Differential GPS (DGPS) Legal Time, Radio Time Signals and Electronic Position Fixing Systems
- NP283(1) ADMIRALTY List of Radio Signals Volume 3 Part 1 Maritime Safety Information Services. Europe, Africa and Asia (excluding the Far East)
- NP284 ADMIRALTY List of Radio Signals: Volume 4, Meteorological Observation Stations
- NP285 ADMIRALTY List of Radio Signals: Volume 5, Global Maritime Distress and Safety System
- NP286(8) ADMIRALTY List of Radio Signals: Volume 6 - Part 8, Pilot Services, Vessel Traffic Services and Port Operations

Full details of the ADMIRALTY publication range and their status can be found on the ADMIRALTY website (www.admiralty.co.uk).

The UKHO produces the following publications on a three to five-year revision cycle within the SAIHC region:

NP1	Africa Pilot Vol 1	2017
NP2	Africa Pilot Vol 2	2017
NP3	Africa Pilot Vol 3	2019
NP39	South Indian Ocean Pilot	2017

Digital Publications



4.2 The UKHO offers digital equivalents to its existing paper publications to support the IMO mandate of ECDIS. These publications provide mariners with additional functionality and automate the task of updating.

4.3 The UKHO produces a range of ADMIRALTY Digital Publications which are digital versions of ADMIRALTY paper Nautical Publications. These publications are subscription-based and updatable by Notice to Mariners.

- **ADMIRALTY e-Nautical Publications (AENP):** e-Book versions of ADMIRALTY Sailing Directions and reference publications.
- **ADMIRALTY Digital List of Lights (ADLL):** Digital versions of ADMIRALTY lights publications.
- **ADMIRALTY TotalTide (ATT):** Digital versions of ADMIRALTY tidal publications.
- **ADMIRALTY Digital Radio Signals (ADRS):** Digital versions of ADMIRALTY radio signal publications.

4.4 The **ADMIRALTY Digital Catalogue (ADC)** can be downloaded free from the ADMIRALTY website (www.admiralty.co.uk). It includes details of all paper and digital charts and publications and is updated weekly. It is a useful tool to check chart coverage within the region, and to show the latest edition dates of both charts and publications.

5. MARITIME SAFETY INFORMATION

5.1 The UK's principal responsibility within the SAIHC region is for its UK Overseas Territories - namely St Helena, Ascension and Tristan da Cunha, along with those Commonwealth of Nations countries where the United Kingdom is the producer of primary charting, including Kenya, Seychelles and Tanzania.

5.2 UK maintains close liaison with the co-ordinators for NAVAREA VII (South Africa - which covers most of the SAIHC area) and NAVAREA VIII (India - which covers a small part of the area to the NE and East). Meteorological Information and Navigational Warnings are promulgated on SafetyNET through Inmarsat; coastal warnings are broadcast on NAVTEX from stations at Walvis Bay, Cape Town, Port Elizabeth, Durban, Cape Columbine, Mauritius and Mahe. Walvis Bay

NAVTEX, which has been out-of-service since February 2011, is expected to be re-commissioned during 2019. Coastal warnings are also available on SafetyNET for the areas around Mayotte, Reunion, and the Kerguelen Islands.

5.3 There is a limited MSI broadcast within the SAIHC region with only Seychelles, Mauritius, South Africa and Namibia having established GMDSS or WWWNS facilities. Whilst the International SafetyNET service has been in existence for many years, expansion of NAVTEX services are required, particularly to cover the area of the Mozambique Channel.

5.4 Notices to Mariners. Assistance with promulgating Notices to Mariners and other paper and electronic chart correcting material should also be encouraged through co-operation with other hydrographic offices in the region if required. The current Admiralty weekly Notices to Mariners are now supplemented by daily updates; these are available on the UKHO website.

6. C-55 LATEST UPDATE

6.1 As described in the UK Generic National Report, the UKHO is committed to providing regular updates to the C-55 entries for UK Home Waters and its Overseas Territories including St Helena, Ascension and Tristan da Cunha within the SAIHC area. The latest status is correctly depicted within C-55.

6.2 UK has also provided assistance to update C-55 entries to other countries, including Kenya, Seychelles, and Tanzania, where the UKHO is the producer of primary charting, recognising that local input remains critical to the maintenance of C-55 as an up-to-date and authoritative reference document.

7. CAPACITY BUILDING

7.1 The UK fully supports the IHO Capacity Building Sub-Committee (CBSC) 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 CBSC initiatives and to providing bilateral assistance.

7.2 UKHO has a post dedicated to International Training and Capacity Building. Its key aims are to ensure that capacity building is properly considered in UKHO activity and that UKHO's capacity building activities are fully coordinated. It acts as the initial point of contact for UKHO involvement in IHO capacity building activities, including UK involvement in regional hydrographic commission initiatives and IHO Capacity Building Sub Committee (CBSC) activities. Further information can be obtained from the International Training and Capacity Building Manager - Ms Lucy Fieldhouse (lucy.fieldhouse@ukho.gov.uk). Ms Lucy Fieldhouse is the Capacity Building Coordinator for the MACHC, NIOHC and SAIHC regions.

Cartographic Training provided by UKHO



7.3 The UKHO provides two annual CAT B accredited nautical cartography training opportunities to FGHO students. These are the IHO-NF CHART Project course which is funded by the Nippon Foundation and the newly established UKHO course. It should be noted that in 2019 only the IHO-NF CHART Project course will be provided. Applications for the Nippon Foundation course are by responding to the IHO Circular Letter on the subject (this year it was CL04 / 2019). The UKHO invites participants to its version of the course as part of bilateral arrangements.



The above photo shows the Nippon Foundation cadre from 2018.

From the SAIHC region, South Africa will be participating in the forthcoming Nippon Foundation course (September - December 2019).

ENC Training and Assistance



7.4 The 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 the UKHO are included in the UK Generic National Report.

Survey Training at Flag Officer Sea Training - Hydrography, Meteorology and Oceanography (FOST-HM)

7.5 Nationally and internationally certified courses delivered by FOST-HM in Plymouth, are described in the UK Generic National Report.

8. OCEANOGRAPHIC ACTIVITIES

This is described in the UK Generic National Report.

9. OTHER ACTIVITIES

UK Celebrations for World Hydrography Day

9.1 The UK Hydrographic Office has celebrated World Hydrography Day and the theme of "Hydrographic information driving marine knowledge" with a number of celebratory moments throughout the year.

Visit from HRH The Princess Royal - 25 April 2019

9.2 To officially open our new building and celebrate World Hydrography Day, we held a commemorative event attended by HRH The Princess Royal. During her visit, The Princess Royal delivered a speech to an audience of UKHO staff and over 100 guests who gathered from across the world to celebrate the landmark occasion. In her speech, she commended the UKHO for the vital role it plays in supporting maritime navigation, safety, security, and marine development around the UK and worldwide.

The Rt Hon Earl Howe, Deputy Leader of the House of Lords and Minister of State for Defence, was also in attendance. He addressed guests to speak of the UKHO's long and successful history of supplying navigation services to shipping companies around the world, as well as its continued contribution to defence and the long-term prosperity of the UK and its allies around the world.

Science, Technology, Engineering and Maths (STEM) activities

9.3 Throughout the year, our STEM Ambassadors have attended a number of events to promote our work as an organisation and encourage young people in the South West into STEM careers. Some of the outreach work in which we have been actively involved this year includes guest lecturing at a 'Science of the Sea' community event in Taunton to celebrate British Science Week, and participating in the regional Big Bang Near Me science fairs. Central to these events was the theme of hydrography, with educational activities including:

- An Augmented Reality bathymetry sandbox to explain the science behind mapping the seafloor
- An activity on ocean environment marine sounds
- A bathymetry pairing game, featuring images of wrecks taken from hydrographic surveys
- A bathymetric drone coding challenge activity

Broader UK Government Work

9.4 Blue Belt Programme In support of the UN Global Goals for Sustainable Development, the UK Government has committed £20 million to a four-year programme providing long term protection and sustainable management of over four million square kilometres of marine environment across the UK Overseas Territories.

The Blue Belt Programme supports delivery of the UK Government's manifesto commitment to provide long term protection of:

- improve scientific understanding of the marine environment
- develop and implement evidence based, tailored marine management strategies including surveillance and enforcement
- ensure management is sustainable and long term

The programme is being delivered in partnership between the Centre for Environment, Fisheries and Aquaculture Science (Cefas) and the Marine Management Organisation (MMO) with the UK Overseas Territories on behalf of the Foreign and Commonwealth Office and the Department for Environment, Food and Rural Affairs.

For the SAIHC region, Tristan da Cunha, St Helena and Ascension Island are UK OTs in scope of the Blue Belt Programme. The main focus has been working with local government to improve

marine management and using technologies such as near real-time analysis of satellite data for targeted enforcement of illegal, unreported and unregulated (IUU) fishing.

Commonwealth Nations

9.5 The UK is the current chair of the Commonwealth Heads of Government Meeting (CHOGM18), which was held between the 16th and 21st April 2018, in London. The next CHOGM will be in 2020, and the UKHO has demonstrated its commitment to furthering the Commonwealth's Blue Charter aspirations by announcing funding for a number of initiatives including continued support to the CME Prog.

The UKHO continues to take a leading role in pushing ocean's policy within government and is working on a number of initiatives that should see continued focus on seabed mapping for the commonwealth and beyond.

UKHO's International Activities

9.6 Due to UKHO's technical expertise, primary charting responsibilities and UK OTs, the UK is represented at the following groups:

International Hydrographic Organisation - HSSC		Chair/Vice Chair	Member
DQWG	Data Quality Working Group		x
ENCWG	ENC Standards Maintenance Working Group	x	x
HSSC	Hydrographic Services and Standards Committee		x
NCWG	Nautical Cartography Working Group		x
NIPWG	Nautical Information Provision Working Group		x
S-100WG	S-100 Working Group		x
TWCWG	Tides, Water Level & Currents Working Group		x
International Hydrographic Organisation - IRCC		Chair/Vice Chair	Member
CBSC	Capacity Building Sub-Committee		x
CSBWG	Crowd-sourced Bathymetry Working Group		x
DRWG	Document Review Working Group of NAVTXT		x
HCA	Hydrographic Commission on Antarctica		x
IRCC	Inter-Regional Coordination Committee		x
MACHC	Meso American and Caribbean Sea Hydrographic Commission		x
MBSHC	Mediterranean and Black Seas Hydrographic Commission		x
MSDIWG	Marine Spatial Data Infrastructure Working Group		x
NIOHC	North Indian Ocean Hydrographic Commission		x
NSHC	North Sea Hydrographic Commission		x
RSAHC	ROPME Sea Area Hydrographic Commission		x
SAIHC	Southern African and Islands Hydrographic Commission	x	x
SWPHC	South-West Pacific Hydrographic Commission		x
WENDWG	Worldwide ENC Database Working Group	x	x
WWNWS	Worldwide Navigational Warning Service		x
International Maritime Organisation		Chair/Vice Chair	Member
NAVTEX	NAVTEXT Coordination panel	x	x
International Association of Marine Aids to Navigation and Lighthouse Authorities		Chair/Vice Chair	Member

ENAV	E-navigation Committee		x
Other International Bodies		Chair/Vice Chair	Member
IAU	International Astronomical Union		x
CIRM	Comité International Radio-Maritime		x
BALTICO	Navarea1 member states meeting	x	
ISO	International Standards Organisation		x
OGC	Open Geospatial Consortium - Marine Domain Working Group	x	x

10. CONCLUSION

10.1 UKHO maintains its strong commitment to the Southern African and Islands region, through its ongoing primary charting activity, continuing effort in developing regional hydrographic self-sufficiency through capacity building measures and more recently through its work to review the status of hydrography within the UK Overseas Territories and its commitment to the Commonwealth Marine Economies (CME) programme. Outside of these specific programmes, UKHO continues to explore wider funding opportunities to benefit the Mariner and Marine User.

10.2 The UK, through the UKHO and the national maritime administration (Maritime Coastguard Agency), continues to pursue opportunities to improve access to bathymetric data gathering in waters around UK Overseas Territories, particularly to support long-haul deep-sea traffic.

10.3 There is a continuing challenge to link the scarce local data gathering resources into a broad programme of prioritised chart compilations and new editions.

10.4 The provision of adequate ENC coverage, in support of the IMO carriage requirement for ECDIS completed in 2018, presented a challenge in the SAIHC region as well as other regions. Good progress continues to be made to improve the availability and quality of suitable ENC coverage along with digital publications to support the digital bridge. It is acknowledged that overlaps still exist in the area and are being addressed through bilateral discussions.

10.5 With a diverse range of shipping interests in the Region, improving the effective distribution of hydrographic publications and updates remains paramount.

10.6 Noting the increasing demand and the International Hydrographic Organisation's (IHO) direction to enable the maximum and widest use of Hydrographic maritime and marine information and data, the UKHO is now well on the journey into looking at how it can meet this demand as part of its transformation to a Marine Geospatial Information Agency and Hydrographic Office.

Taunton, July 2019

UKHO POINTS OF CONTACT

UKHO Website: GOV.uk/UKHO

The general UKHO address is:
United Kingdom Hydrographic Office,
Admiralty Way,
TAUNTON
Somerset
TA1 2DN
United Kingdom



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

E-mail: international.relations@ukho.gov.uk

Telephone: +44 (0)1823 484444

For bilateral arrangements and other international partnering matters within the SAIHC region, please contact:

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Manager

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E-mail: Lucy.Fieldhouse@ukho.gov.uk

For charting matters in the SAIHC region, please contact:

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For South and East Africa (Namibia, South Africa, Mozambique, Tanzania, Kenya):

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E-mail: James.Timmins@ukho.gov.uk

For West Africa (Angola):

Mrs Cathy Tunks,

Geographical Technical Manager

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E-mail: Cathy.Tunks@ukho.gov.uk

For matters related to **Sailing Directions** within the SAIHC region, please contact:

Email: SDImpactAnalysis@ukho.gov.uk

Input to the IHO Publication P-5 (*Yearbook*)**Country: United Kingdom and Northern Island****Organization: UK Hydrographic Office****P-5 Updated June 2019 for UK as below**

Contact information/ Informations de contact / Información de contacto	
-National Hydrographer or equivalent -Directeur du service hydrographique ou équivalent -Director del Servicio Hidrográfico o equivalente	Post: National Hydrographer & Acting Chief Executive Name: Rear Admiral Tim Lowe Postal address: Admiralty Way, TAUNTON, Somerset, TA1 2DN United Kingdom Tel: +44 (0)1823 484444 Fax: +44 (0)1823 284077 Email: IBTE@UKHO.gov.uk
-Head of the Hydrographic Office (if different from the person indicated above) -Directeur du Service Hydrographique (si différent de la personne indiquée ci-dessus) -Director del Servicio Hidrográfico (si diferente de la persona indicada anteriormente)	Post: Name: Postal address: Tel: Fax: Email:
-Other point(s) of contact -Autre(s) point(s) de contact -Otros punto(s) de contacto	<i>No change</i>
-Web site -site web -sitio web	<i>No change</i>
Country information / Informations sur le pays/ Información sobre el país	
-Declared National Tonnage -Tonnage national déclaré -Tonelaje Nacional Declarado	Tonnage: 48102992 tons Date: 2018
-National day -Fête nationale -Fiesta nacional	<i>No change</i>
-Date of establishment and Relevant National Legislation -Date de mise en place et législation nationale pertinente -Fecha de constitución y	<i>No change</i>

legislación nacional pertinente	
-Date first joined IHO -Date d'adhésion à l'OHI -Fecha de adhesión a la OHI	<i>No change</i>
-Date ratification Convention -Date de ratification de la Convention -Fecha de ratificación de la Convención	<i>No change</i>
-Remarks on membership -Remarques sur l'adhésion -Comentarios sobre la adhesión	<i>No change</i>
Agency information/ Information sur l'agence/ Información sobre la agencia	
-Top level parent organisation -Organisme mère -Organización asociada de nivel superior	<i>No change</i>
-Principal functions of the organisation or the department -Attribution principales de l'organisme ou du département -Principales funciones de la Organización o departamento	<i>No change</i>
-Annual operating budget -Budget annuel -presupuesto anual	<i>No change</i>
-Total number of staff employed -Effectifs totaux -Número total de personal empleado	<i>No change</i>
-Number of INT charts published -Nombres de cartes INT publiées -Número de cartas INT publicadas	<i>No change</i>
-Total number of paper charts published-Nombre total de cartes papier publiées-Número total de cartas de papel publicadas	739 SNC (2018)

-Number of ENC cells published -Nombres de cellules ENC publiées -Número de células ENC publicadas	2966 GB cells (2018)			
-Number of Other charts -Nombre d'Autres cartes -Número de Otras cartas	<i>No change</i>			
-Type of publications produced -Type d'ouvrages produits -Tipo de publicaciones producidas	<i>No change</i>			
-Detail of surveying vessels/ aircraft -Détail des bâtiments hydrographiques / aéronefs -Detalle de los buques hidrográficos / aeronaves <i>No change</i>	-Name -Nom -Nombre	-Displacement -Déplacement -Desplazamiento	-Date Launched -Date de mise en service -Fecha de botado	-Number of crew -Nombre de l'équipage -Tripulación
-Other information of interest -Autres informations utiles -Otra información de interés	<i>No change</i>			

Input to the IHO Publication C-55 (*Status of Hydrographic Surveying and Charting Worldwide*)
 Country: United Kingdom of Great Britain and Northern Ireland - St Helena

C-55 Summary for:				Comments on Charts:
Country:	United Kingdom of Great Britain and Northern Ireland			
Country Iso Code:	UK			
Country SubCode:	SH			
INT Region:	H			
Country/Depend:	St Helena			
Last updated:	24/07/2019			
Provided by:	UK			
Chart coverage	Passage (%)	Coastal (%)	Port (%)	Comments on Surveys:
INT	100	100	100	
RNC	100	100	100	
ENC	100	100	100	
Status of Paper Charts				
Paper charts with depths in meters (%)			100	
Paper charts referenced to a satellite datum (%)			100	
Status of surveys	Adequate (%)	Resurvey (%)	No survey (%)	
0-200m	40	60	0	
> 200m	0	0	100	

MSI	Y/N	Comments on MSI:
Local warning	Unknown	Local authority responsibility - no requirement to promulgate internationally.
Coastal warning	YES	Via NAVAREA Coordinator and SafetyNET
Nav warning	YES	Via NAVAREA Coordinator and SafetyNET
Port warning	YES	Through UKHO
GMDSS	Y/N	Comments on GMDSS:
Master Plan	NO	
Area A1	NO	
Area A2	NO	
Area A3	NO	
NAVTEX	NO	
SafetyNet	NO	

Country: United Kingdom of Great Britain and Northern Ireland - Ascension Island

C-55 Summary for:				Comments on Charts:
Country:	United Kingdom of Great Britain and Northern Ireland			
Country Iso Code:	UK			
Country SubCode:	AC			
INT Region:	H			
Country/Depend:	Ascension Island			
Last updated:	24/07/2019			
Provided by:	UK			
Chart coverage	Passage (%)	Coastal (%)	Port (%)	Comments on Surveys:
INT	100	100	100	
RNC	100	100	100	
ENC	100	100	100	
Status of Paper Charts				
Paper charts with depths in meters (%)			100	
Paper charts referenced to a satellite datum (%)			100	
Status of surveys	Adequate (%)	Resurvey (%)	No survey (%)	
0-200m	82	10	8	
> 200m	28	6	66	

MSI	Y/N	Comments on MSI:
Local warning	Unknown	Local authority responsibility - no requirement to promulgate internationally.
Coastal warning	YES	Via NAVAREA Coordinator and SafetyNET
Nav warning	YES	Via NAVAREA Coordinator and SafetyNET
Port warning	YES	Through UKHO
GMDSS	Y/N	Comments on GMDSS:
Master Plan	NO	
Area A1	NO	
Area A2	NO	
Area A3	NO	
NAVTEX	NO	
SafetyNet	NO	

C-55 Summary for:				Comments on Charts:
Country:	United Kingdom of Great Britain and Northern Ireland			
Country Iso Code:	UK			
Country SubCode:	TA			
INT Region:	H			
Country/Depend:	Tristan da Cunha & Gough Island			
Last updated:	24/07/2019			
Provided by:	UK			
Chart coverage	Passage (%)	Coastal (%)	Port (%)	Comments on Surveys: Large areas of kelp preclude inshore survey. Tristan da Cunha - navigationally significant shoal depths from surveys conducted in 2017 have been promulgated by NMs. Gough Island - inadequately surveyed 0m and deeper, however there only limited landing places and is uninhabited except for the personnel of a South African weather station.
INT	100	100	100	
RNC	100	100	100	
ENC	100	100	100	
Status of Paper Charts				
Paper charts with depths in meters (%)			100	
Paper charts referenced to a satellite datum (%)			100	
Status of surveys	Adequate (%)	Resurvey (%)	No survey (%)	
0-200m	30	50	20	
> 200m	16	44	40	

MSI	Y/N	Comments on MSI:
Local warning	Unknown	Local authority responsibility - no requirement to promulgate internationally.
Coastal warning	YES	Via NAVAREA Coordinator and SafetyNET
Nav warning	YES	Via NAVAREA Coordinator and SafetyNET
Port warning	YES	Through UKHO
GMDSS	Y/N	Comments on GMDSS:
Master Plan	NO	
Area A1	NO	
Area A2	NO	
Area A3	NO	
NAVTEX	NO	
SafetyNet	NO	

Country: Kenya

C-55 Summary for:				Comments on Charts:
Country:	Kenya			
Country Iso Code:	KE			
Country SubCode:	-			
INT Region:	H			
Country/Depend:	Kenya			
Last updated:	24/07/19			
Provided by:	UK			
Chart coverage	Passage (%)	Coastal (%)	Port (%)	Comments on Surveys: Figures provided by UK 1. Priorities are: a. The whole area of Lake Victoria requires resurvey to modern standards. b. The following work is needed in areas frequented by cruise liners: (1) The banks and the vicinity of the inner anchorage at Malindi should be surveyed with side-scan sonar. (2) At Lamu, areas adjacent to the dredged channel where survey work dates from the 1960s should be brought to modern standards.
INT	100	100	66	
RNC	100	100	66	
ENC	100	100	66	
Status of Paper Charts				
Paper charts with depths in meters (%)			90	
Paper charts referenced to a satellite datum (%)			90	
Status of surveys	Adequate (%)	Resurvey (%)	No survey (%)	
0-200m	50	40	10	
> 200m	80	0	20	

MSI	Y/N	Comments on MSI:
Local warning	YES	
Coastal warning	NO	
Nav warning	YES	Promulgated by NAVAREA VIII
Port warning	YES	Passed to UKHO.
GMDSS	Y/N	Comments on GMDSS:
Master Plan	NO	
Area A1	NO	
Area A2	NO	
Area A3	NO	
NAVTEX	NO	
SafetyNet	YES	NAVAREA VIII messages

Country: Seychelles

C-55 Summary for:				Comments on Charts: 1. Figures provided by UK. 2. Large scale chart coverage is restricted to the majority of the inhabited islands.
Country:	Seychelles			
Country Iso Code:	SYC			
Country SubCode:	SYC			
INT Region:	H			
Country/Depend:	Seychelles			
Last updated:	24/07/2019			
Provided by:	UK			
Chart coverage	Passage (%)	Coastal (%)	Port (%)	Comments on Surveys: 1. The geological formation of the Seychelles is such that depths beyond the shelf edge fall away dramatically from approximately 50m to 2000m. The majority of this area is covered only by passage soundings. The majority of the area of the Seychelles Bank between Mahé, Silhouette, Praslin, and la Digue islands has been surveyed by the Indian Navy. Data has not yet been released to the Primary Charting Authority for charting purposes. No NMs have been issued warning of navigational dangers. 2. Priorities are: a. Survey of the main north and south approach routes to Victoria. b. The banks and vigias near I. Coetivy lie on the flanks of a trans-ocean sea-lane and require thorough examination. c. The shoal areas on the N and S edge of the Seychelles Bank where it is transited by the lane between the defined "Areas to be avoided" require survey to full modern standards. d. I. Denis, I. aux Vaches, Les Amirantes, Bancs Africains and Desroches all require survey to full modern standards. 3. A resurvey programme is to be conducted in Victoria Harbour and approaches following harbour works.
INT	100	100	100	
RNC	100	100	100	
ENC	100	75	50	
Status of Paper Charts				
Paper charts with depths in meters (%)			100	
Paper charts referenced to a satellite datum (%)			100	
Status of surveys	Adequate (%)	Resurvey (%)	No survey (%)	
0-200m	25	40	35	
> 200m	0	0	100	

MSI	Y/N	Comments on MSI:
Local warning	YES	
Coastal warning	NO	
Nav warning	YES	Via NAVAREA VII Co-ordinator.
Port warning	YES	Passed to UKHO.
GMDSS	Y/N	Comments on GMDSS:
Master Plan	YES	
Area A1	NO	Planned
Area A2	NO	Planned
Area A3	NO	
NAVTEX	YES	
SafetyNet	NO	

Country: Tanzania

C-55 Summary for:				Comments on Charts: Figures provided by UK 1. RNC coverage does not extend to the inland Lakes. 2. Metrication programme is nearing completion.
Country:	United Republic of Tanzania			
Country Iso Code:	TZ			
Country SubCode:	-			
INT Region:	H			
Country/Depend:	United Republic of Tanzania			
Last updated:	24/07/19			
Provided by:	UK			
Chart coverage	Passage (%)	Coastal (%)	Port (%)	Comments on Surveys: Figures provided by UK. 1. Priorities for Indian Ocean waters are: a. Regional Routes: larger scale surveys with sidescan sonar coverage required in Zanzibar Channel. b. Internal Routes: modern survey required of N and S Mafia Channel and areas transited during cruise liner calls at Tanga and Zanzibar. c. Ports and Approaches: approaches to Dar es Salaam and flanks of main channel require modern survey, and the entry channels to Tanga, Mtwara, Lindi, Kilwa and Zanzibar, and the approaches to and entry to Pangani require resurvey with sidescan sonar sweep. 2. The waters of Lakes Victoria, Tanganyika and Nyasa require resurvey to modern standards.
INT	100	100	100	
RNC	100	100	100	
ENC	100	100	85	
Status of Paper Charts				
Paper charts with depths in meters (%)			74	
Paper charts referenced to a satellite datum (%)			74	
Status of surveys	Adequate (%)	Resurvey (%)	No survey (%)	
0-200m	20	50	30	
> 200m	0	0	100	

MSI	Y/N	Comments on MSI:
Local warning	YES	
Coastal warning	NO	
Nav warning	YES	Promulgated by NAVAREA VIII
Port warning	YES	Passed to UKHO
GMDSS	Y/N	Comments on GMDSS:
Master Plan	NO	

Area A1	NO	
Area A2	NO	
Area A3	NO	
NAVTEX	NO	
SafetyNet	NO	NAVAREA VIII messages

Annex C - SAIHC16 UK National Report

National MSI Self-Assessment

Country: United Kingdom - St Helena

Organization: United Kingdom Hydrographic Office

1. Maritime area
N/A

2. Operational Points of Contact for the National Coordinator

INSTITUTION	TELEPHONE	FACSIMILE	EMAIL
NAVAREA I Coordinator	+44(0)1823 353448	+44(0)1823 322352	navwarnings@ukho.gov.uk

3. GMDSS Master Plan

Equipment Type for Ports and Local Area	Software Version	Date of Up-date

Year Y-2		Year Y-1		Year Y	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time

4. NAVTEX Coverage:
N/A
5. Operational Issues:
N/A
6. Contingency Planning
N/A
7. Capacity Building
N/A
8. Other Activities
N/A

9. National Maritime Website

N/A

10. Recommendations

N/A

11. Summary

Any MSI in the area may be sent to UKHO for assessment and then forwarded to NAVAREA VII with recommendations for SafetyNET broadcast as a Navigational Warning.

National MSI Self-Assessment

Country: United Kingdom - Ascension
 Organization: United Kingdom Hydrographic Office

1. Maritime area
 N/A

2. Operational Points of Contact for the National Coordinator

INSTITUTION	TELEPHONE	FACSIMILE	EMAIL
NAVAREA I Coordinator	+44(0)1823 353448	+44(0)1823 322352	navwarnings@ukho.gov.uk

3. GMDSS Master Plan

Equipment Type for Ports and Local Area	Software Version	Date of Up-date

Year Y-2		Year Y-1		Year Y	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time

4. NAVTEX Coverage:
 N/A

5. Operational Issues:
 N/A

6. Contingency Planning
 N/A

7. Capacity Building
 N/A

8. Other Activities
 N/A

9. National Maritime Website
 N/A

10. Recommendations

N/A

11. Summary

Any MSI in the area may be sent to UKHO for assessment and then forwarded to NAVAREA VII with recommendations for SafetyNET broadcast as a Navigational Warning.

National MSI Self-Assessment

Country: United Kingdom - Tristan da Cunha
Organization: United Kingdom Hydrographic Office

1. Maritime area
N/A

2. Operational Points of Contact for the National Coordinator

INSTITUTION	TELEPHONE	FACSIMILE	EMAIL
NAVAREA I Coordinator	+44(0)1823 353448	+44(0)1823 322352	navwarnings@ukho.gov.uk

3. GMDSS Master Plan

Equipment Type for Ports and Local Area	Software Version	Date of Up-date

Year Y-2		Year Y-1		Year Y	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time

4. NAVTEX Coverage:
N/A

5. Operational Issues:
N/A

6. Contingency Planning
N/A

7. Capacity Building
N/A

8. Other Activities
N/A

9. National Maritime Website
<https://tristandc.com/shippinghome.php>

10. Recommendations

N/A

11. Summary

Tristan Radio provides a Port Control service. Any MSI in the area may be sent to UKHO for assessment and then forwarded to NAVAREA VII with recommendations for SafetyNET broadcast as a Navigational Warning.