# INTERNATIONAL HYDROGRAPHIC ORGANIZATION ORGANISATION HYDROGRAPHIQUE INTERNATIONALE ORGANIZACION HIDROGRAFICA INTERNACIONAL



## **IHO/OHI Publication C-55**

Status of Hydrographic Surveying and Charting Worldwide

Etat des levés hydrographiques et de la cartographie marine à travers le monde

Estado de los Levantamientos Hidrográficos y de la Cartografia Náutica a nivel

mundial

9 January / janvier / enero 2025

Published by the International Hydrographic Organization Publié par l'Organisation hydrographique internationale Publicado por la Organización Hidrográfica Internacional

#### Introduction

The purpose of IHO Publication C-55 is to provide base data for governments and supporting international organizations as they consider the best means by which to implement responsibilities set out in Chapter V, Regulation 9, of the Safety of Life at Sea (SOLAS) Convention. It also informs IHO input to the United Nations Global Maritime Assessment.

#### **Hydrography and Maritime Activities**

The significance of hydrographic effort to safe use of the sea, national economic prosperity, and protection of the marine environment is elaborated in IHO Publication M-2. That publication identifies three core capabilities, the status of which is assessed in the three sections of the C-55 data-base:

1. Hydrographic Surveying

Status of hydrographic survey of all navigable waters, including internal waters, out to the limits of the EEZ.

2. Nautical Charting

Status of nautical charting within the limits of the EEZ.

3. Maritime Safety Information (MSI)

Navigational Information (S-53). GMDSS Implementation (IMO Publication IG970E - GMDSS Manual).

#### **Disclaimer**

This compilation of information from various sources does not constitute an endorsement or approval of these information and the IHO does not vouch for their validity or accuracy. For any query or input, please contact info@iho.int.

#### Introduction

L'objectif de la publication C-55 de l'OHI est de fournir une base de données aux gouvernements et aux organisations internationales qui se penchent sur le meilleur moyen de mettre en œuvre les responsabilités décrites dans le chapitre V, règle 9 de la Convention pour la sauvegarde de la vie humaine en mer (SOLAS). Elle sert également à l'OHI pour alimenter l'évaluation maritime globale des Nations Unies.

## Hydrographie et activités maritimes

L'importance des activités hydrographiques pour l'utilisation sûre des mers, la prospérité économique nationale et la protection du milieu marin sont expliquées de manière détaillée dans la publication M-2 de l'OHI. Cette publication identifie trois capacités centrales dont l'état est évalué dans les trois sections de la base de données de la C-55:

## 1. Levés hydrographiques

Etat des levés hydrographiques de toutes les eaux navigables, y compris des eaux intérieures, jusqu'aux limites de la ZEE.

#### 2. Cartographie marine

Etat de la cartographie marine dans les limites de la ZEE.

3. Renseignements sur la sécurité maritime (RSM)

Informations relatives à la navigation (S-53). Mise en œuvre du SMDSM (Publication IG970E de l'OMI - GMDSS Manual).

#### Avertissement

Cette compilation d'informations de sources diverses ne constitue ni une adoption ni une approbation de ces informations et l'OHI ne peut garantir leur validité ou leur exactitude. Pour toute question ou commentaire, s'adresser à info@iho.int.

#### Introducción

El objetivo de la Publicación C-55 de la OHI es proporcionar una base de datos a los gobiernos y a las organizaciones internacionales de apoyo, ya que consideran los mejores medios de implementar las responsabilidades establecidas en el Capítulo V, Regla 9, del Convenio Internacional para la Seguridad de la Vida Humana en el Mar (SOLAS). También sirve a la OHI para alimentar la evaluación marítima global de las Naciones Unidas.

## Hidrografía y actividades marítimas

La importancia de las actividades hidrográficas para el uso seguro de los mares, la prosperidad económica nacional y la protección del medio ambiente marino son desarrolladas en la Publicación M-2 de la OHI. Esta última publicación identifica tres capacidades esenciales, cuyo estado es evaluado en las tres secciones de la base de datos de la C-55:

## 1. Levantamientos hidrográficos

Estado de los levantamientos hidrográficos de todas las aguas navegables, incluyendo las aguas internas, hacia afuera de los

#### 2. Cartografia náutica

Estado de la cartografía náutica en los límites de la ZEE.

3. Información sobre seguridad marítima (MSI)

Información a la navegación (S-53). Implementación del GMDSS (Publicación IG970E de la OMI - GMDSS Manual).

#### Advertencia

Esta compilación de información procedente de varias fuentes no constituye ni una adopción ni una aprobación de esta información y la OHI no puede garantizar ni su validez ni su exactitud. Para toda pregunta o comentario, le rogamos se ponga en contacto con: info@iho.int.

# Albania (F)

Survey co	phic surveying / Levés hydrographiques / Levantamientos h verage re hydrographique a hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié	25	45	30	15	25	60
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
	Data provide by Greece, the coordinator of to falbanian waters.	the SEAPO	OWER co-	operative	surveys to	o update c	overage

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	Data provided by UK & Greece.
A1 area Zone A1 Zona A1	NO	Data provided by UK & Greece.
A2 area Zone A2 Zona A2	NO	Data provided by UK & Greece.
A3 area Zone A3 Zona A3	NO	Data provided by UK & Greece.
NAVTEX NAVTEX NAVTEX	NO	Data provided by UK & Greece.
Safety NET Safety NET Safety NET	NO	Data provided by UK & Greece.

# Albania (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 50 100 100 50 50 50 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 RNC **ENC** INT **RNC ENC** INT **RNC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Greece Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	Data provided by UK & Greece.
Coastal warnings Avertissements côtiers Avisos costeros	NO	Data provided by UK & Greece.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	Data provided by UK & Greece.
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	Data provided by UK & Greece.

# Algeria (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co Couvertu	aphic surveying / Levés hydrographiques / Levantamientos hoverage ure hydrographique ra hidrográfica	Pr	Depth < 200n ofondeur < 20 ofundidad < 2	)0m	Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	4	48	48	0	1	99
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	A prioritised survey programme is in place, s	starting w	ith ports a	and approach	ches.		

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	YES	

# Algeria (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 0 100 0 0 90 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	By FAX to NAVAREA III co-ordinator.
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	

# Angola (H)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co Couvertu	ophic surveying / Levés hydrographiques / Levantamientos loverage re hydrographique a hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié	1	99	0	99	0	1
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	Values calculated by IHPT						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		Coastal Warnings promulgated as NAVAREA VII messages via
NAVTEX	NO	
NAVTEX		SafetyNet
Safety NET		
Safety NET	YES	NAVAREA VII messages
Safety NET		Į

## Angola (H)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Aproches y puertos Cobertura de cartas publicadas Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 10 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC INT INT RNC **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 20 % Source des données Portugal satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes 1-Portugal is produting nautical cartography under a new bi-lateral arragement (2022); Notes 2- ENC S-57: Port coverage provided by UKHO; Notas 3- Almost all of the waters of Angola are covered by Portuguese charts issued before 1974. 4- Modernization is required. 5- Coastal and Offshore charts already in WGS84.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	Promulgated by NAVAREA VII
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	Promulgated by NAVAREA VII
Information on ports and harbours Information sur les ports et rades Información sobre puertos		Passed to UK (UKHO)

# Antarctic Peninsula (M)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co Couvertu	Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			th > 200m deur > 200m didad > 200m
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	18	5	77	2	98
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente					
Notes Notes Notas						
Notas						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	Unknown	
Plan principal		
A1 area		
Zone A1	Unknown	
Zona A1		
A2 area		
Zone A2	Unknown	
Zona A2		
A3 area		
Zone A3	Unknown	
Zona A3		
NAVTEX		
NAVTEX	Unknown	
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

## Antarctic Peninsula (M)

Nautical charting / Cartographie marine / Cartografia náutica

Avisos costeros NAVAREA warnings

Avertissements NAVAREA Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades Unknown

Unknown

Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 60 80 60 60 80 20 60 80 10 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 70 % 70 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes 26 GB charts covering the Antarctic Peninsula of which 18 are modern metric charts. Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes Informations nautiques Status Notes Información náutica Estado Notas Local warnings **Avertissements locaux** Unknown Avisos locales Coastal warnings Avertissements côtiers Unknown

## Antarctica, excluding Peninsula (M)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Couverture hydrographique Profondeur < 200m Profondeur > 200mCobertura hidrográfica Profundidad < 200m Profundidad > 200m Adequately surveyed 4 3 0 93 100 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

## Antarctica, excluding Peninsula (M)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 65 100 5 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes 9 ENCs covering offshore passage Notes 31 ENCs covering landfall and coastal passage Notas 24 ENCs covering approach, harbour and berthing

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	Partial	to US Navy vessels
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Partial	Arthur Harbor and Mc Murdo sation only

## Antigua and Barbuda (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur > 200mCouverture hydrographique Profondeur < 200m Cobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 5 15 24 0 95 61 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente

Notes	Multibeam surveys conducted on major routes.	s. LIDAR survey covers all c	of 20m contour and out to
Notes	30m in a large proportion.	-	
Notas	com m a raige proportion.		

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

# Antigua and Barbuda (B)

Nautical c	charting / Cartographie marine / Cartografia náut	ica										
Coverage of charts published				Offshore passage			and Coasta	l passage	Approaches and Ports			
Couverture des cartes publiées			Navigation au large				ge et navigat		Approches et ports			
Cobertura de cartas publicadas				aje offsh	ore	Recalada y Pasaje costero				Aproches y puertos		
	Covered by INT or other paper charts meeting Couvert par des cartes papier INT ou autres con Cubiertas por cartas de papel INT o otras cump	nformes S-4	100	100	100	100	100	100	100	100	100	
	Covered by RNC meeting S-61 Couvert par des RNC conformes S-6 Cubiertas por RNC cumpliendo S-6 Covered by ENC meeting S-57 Couvert par des ENC conformes S-6 Cubiertas por ENC cumpliendo S-5	61 1 57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC	
Cartes pap	ier avec les profondeurs en mètres 100 % Cartes p		s à un systèn	ne géodésiqu	1e 1	00 %	Data sour Source de	ce es données e los datos		UK		
		e papel referida			NI at					Calma	odv.	
Notes Notes Notas	CEFAS LiDAR survey received 202 established as CATZOC C (leadline		ZOC I	) giver	n. Not	used in	chartin	ng as C	ATZO	C alrea	ady	

<u> </u>		
Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Unknown	
Coastal warnings Avertissements côtiers Avisos costeros	Unknown	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	Unknown	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Unknown	

# Argentina (C1)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	aphic surveying / Levés hydrographiques / Levantamientos h overage ure hydrographique a hidrográfica	Pro	Depth < 200m ofondeur < 20 ofundidad < 20	0 <b>m</b>	Depth > 200m Profondeur > 200m Profundidad > 200m				
-	Adequately surveyed Correctement hydrographié Adecuadamente levantado	20	40	40	10	30	60		
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente								
Notes Notes Notas	Significant areas of unstable seabed requiring	g routine	resurvey.						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	YES	

# Argentina (C1)

	ing / Cartographie marine /	Cartograf	ia náutica										
Coverage of charts published				Offshore passage			Landfa	ll and Coasta	ıl passage	Approaches and Ports			
Couverture des cartes publiées			Navigation au large				age et naviga		Approches et ports				
Cobertura de cartas publicadas				Pasaje offshore			Recal	ada y Pasaje	costero	Apro	Aproches y puertos		
%	Covered by INT or other paper charts meeting S-4		100	0	0	90	0	88	86	0	38		
%	Covered by RNC mee Couvert par des RNC Cubiertas por RNC co Covered by ENC mee Couvert par des ENC Cubiertas por ENC co	C confornumpliend eting S-57 conforn	nes S-61 do S-61 7 nes S-57 do S-57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC	
	owing depth in meters	100.04	Paper charts referenced Cartes papier rapportées			ne	00.01	Data sour					
	vec les profondeurs en mètres	100 %	satellitaire			"   1	00 %	Source de			Argenti	ına	
Cartas de papel Notes	con profundidades en metros		Cartas de papel referida	s a un datur	m satelital			Origen de	e los datos				
Notes Notas													

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

# $Argentina - INT \; Region \; M \; (M)$

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m	Depth > 200m Profondeur > 200m Profundidad > 200m
Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente		
Notes Notas		

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	Unknown	
Plan principal		
A1 area		
Zone A1	Unknown	
Zona A1		
A2 area		
Zone A2	Unknown	
Zona A2		
A3 area		
Zone A3	Unknown	
Zona A3		
NAVTEX		
NAVTEX	Unknown	
NAVTEX		
Safety NET		
Safety NET	Unknown	
Safety NET		

# Argentina - INT Region M (M)

Nautical charting / Cartographie marine / Cartografia náutica

Couvertur	of charts published re des cartes publiées a de cartas publicadas			Offshore passage Navigation au large Pasaje offshore  Landfall and Coastal passage Atterrissage et navigation côtière Recalada y Pasaje costero			tion côtière	Approaches and Ports Approches et ports Aproches y puertos				
	Covered by INT or other paper Couvert par des cartes papie Cubiertas por cartas de pape	r INT ou autres co	onformes S-4	100	0	0	93	0	33	67	0	0
	Covered by RNC mee Couvert par des RNC Cubiertas por RNC co Covered by ENC mee Couvert par des ENC	ting S-61 conformes S- umpliendo S-6 ting S-57 conformes S-	61 61 57									
Panar shar	Cubiertas por ENC cu		harts referenced	INT to a satellite	RNC	ENC	INT	RNC Data sour	ENC	INT	RNC	ENC
Cartes papi	ts showing depth in meters ier avec les profondeurs en mètres papel con profundidades en metros	100 % Cartes patellita	papier rapportée	s à un systè	me géodésiqu	ie		Source de	es donnée e los datos			
Notes						•						
Notes Notas												
Notas												
Maritime	Safety Information / Renseigne	ments sur la céci	urité maritin	ne / Info	rmación s	sobre sec	uridad m	arítima				
	nal information	Status	urre mantill	iic / 111101	inacion S	SOLL SEE	Note					
Information	ons nautiques	Status					Note					
	ón náutica Local warnings	Estado					Nota	ıs				
1	Avertissements locaux	Unknown										
	Avisos locales											
i J	Coactal warnings	1						·				

Unknown

Unknown

Unknown

Avertissements côtiers Avisos costeros NAVAREA warnings

Avertissements NAVAREA Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades

## Australia (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamientos l  Survey coverage  Couverture hydrographique  Cobertura hidrográfica		Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié	35	20	45	10	5	85	
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas		1						
Notas								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	YES	Australia
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	YES	Austalia- Coastal Warnings provided via SaftyNET

# Australia (L)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	Promulgated by Port Authorities.
Coastal warnings Avertissements côtiers Avisos costeros	YES	Promulgated by SafetyNET & CRS network
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Promulgated by SafetyNET & CRS network
Information on ports and harbours Information sur les ports et rades Información sobre puertos		Promulgated by Port Authorities.

## Australia - Christmas Island (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Couverture hydrographique Profondeur < 200m Profondeur > 200mCobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 3 97 0 1 99 0 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan	NO	
Plan cadre	NO	No requirement
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	YES	Australia / Japan
Zona A3		•
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	YES	Australia / Japan
Safety NET		1

# Australia - Christmas Island (L)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	Harbour Master.
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	NAVAREA X
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Harbour Master.

# Australia - Cocos (Keeling) I (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Pro	Depth < 200m fondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié	1	0	99	4	0	96	
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	No requirement
Plan principal		-
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	YES	Australia
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	YES	Australia
Safety NET		

# Australia - Cocos (Keeling) I (L)

Nautical charting / Cartographie marine / Cartografia náutica

Coastal warnings Avertissements côtiers

Avisos costeros NAVAREA warnings Avertissements NAVAREA

Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades NO

YES

YES

Coverage of charts published Couverture des cartes publiées Cobertura de cartas publicadas			Navi	Navigation au large Pasaje offshore			l and Coasta ige et navigat ada y Pasaje	tion côtière	Approaches and Forts Approches et ports Aproches y puertos		
	% Couvert par des cartes papie	Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4		0	100	100	0	100		0	100
	Covered by RNC mee Couvert par des RNC Cubiertas por RNC co Covered by ENC mee Couvert par des ENC Cubiertas por ENC co	cting S-61 conformes S-61 umpliendo S-61 ting S-57 conformes S-57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Cartes pap	rts showing depth in meters	100 % Paper charts ref Cartes papier ra satellitaire	erenced to a satelli apportées à un syste referidas a un datu	te datum ème géodésiq		00 %	Data sour Source de		INI	KNC	ENC
Notes Notes Notas											
	Safety Information / Renseigne and information	ments sur la sécurité m	naritime / Info	ormación	sobre seg	uridad n					
Informati	ions nautiques ión náutica Local warnings	Status Status Estado				Not Not	es				
	Avertissements locaux Avisos locales	YES									

# Australia - Heard I (H)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrografica		Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
<mark>%</mark>	Adequately surveyed Correctement hydrographié	1	0	99	10	0	90	
<b>%</b>	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas		•						
INOTAS								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	No requirement
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	YES	South Afica - NAVAREA VII
Safety NET		

# Australia - Heard I (H)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	Australian Antarctic Division would provide on request

# $\label{eq:australia} \textbf{Australia} \textbf{-} \textbf{Macquarie Island} \ (\textbf{L})$

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié	1	0	99	30	0	70	
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas		•						
Notas								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	No requirement
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	YES	Australia
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	YES	Australia

# Australia - Macquarie Island (L)

		ng / Cartographie marine /	Cartogra	fia náutica									
Coverage of charts published				Offshore passage			Landfa	Landfall and Coastal passage			Approaches and Ports		
Couverture des cartes publiées				Navigation au large				Atterrissage et navigation côtière			Approches et ports		
Cobertur	Cobertura de cartas publicadas			Pas	saje offsh	ore	Recal	Recalada y Pasaje costero			Aproches y puertos		
	Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4		100	0	100	100	0	100		0	100		
	%	Covered by RNC med Couvert par des RNC Cubiertas por RNC c Covered by ENC med Couvert par des ENC Cubiertas por ENC c	eting S-6 C conformumplien eting S-5 C conform	1 mes S-61 do S-61 7 mes S-57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Paper cha	rts sho	wing depth in meters		Paper charts referenced		datum			Data sour				
Cartes par	oier av	ec les profondeurs en mètres	100 %	Cartes papier rapportée satellitaire	es à un systèr	ne géodésiqu	ıe		Source de		3		
Cartas de	papel (	con profundidades en metros		Cartas de papel referida	as a un datur	n satelital			Origen de	los datos	3		
Notes													
Notes													
Notas													

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAI Avisos NAVAREA	REA YES	Australia - NAVAREA X
Information on ports and Information sur les ports Información sobre puerto	et rades YES	Part of the Australian state of Tasmania

## Australia - Norfolk Island (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Couverture hydrographique Profondeur < 200m Profondeur > 200mCobertura hidrográfica Profundidad < 200m Profundidad > 200mAdequately surveyed 10 0 90 1 99 0 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	No requirement
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	YES	Australia
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	YES	Australia

# Australia - Norfolk Island (L)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	Harbour Master.
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	NAVAREA X
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Norfolk Island Administration is in contact with the AHO.

# Austria (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamientos Survey coverage Couverture hydrographique Cobertura hidrográfica		Pro	Depth < 200n ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
-	Adequately surveyed Correctement hydrographié Adecuadamente levantado	0	0	0	0	0	0	
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento							
	Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas	Inland Waterways							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	N/A	
A1 area Zone A1 Zona A1	N/A	
A2 area Zone A2 Zona A2	N/A	
A3 area Zone A3 Zona A3	N/A	
NAVTEX NAVTEX NAVTEX	N/A	
Safety NET Safety NET Safety NET	N/A	

## Austria (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT ENC INT **RNC ENC** INT **RNC ENC RNC** Paper charts referenced to a satellite datum Data source Paper charts showing depth in meters Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	N/A	
Coastal warnings Avertissements côtiers Avisos costeros	N/A	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	N/A	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	N/A	

# Azerbaijan (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	Hydrographic surveying / Levés hydrographiques / Levantamientos    Survey coverage  Couverture hydrographique  Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m			
-	Adequately surveyed Correctement hydrographié Adecuadamente levantado	0	100	0	0	100	0		
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente								
Notes Notes Notas	Existing navigational charts were inherited from compliance with modern standards	from FSU.	Plan to pr	repare new	electron	ic charts in			

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	YES	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

## Azerbaijan (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes **Informations nautiques** Status Notes Información náutica Estado Notas Local warnings YES Avertissements locaux Avisos locales

## Bahamas (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	pmc surveying / Leves nydrograpmques / Levantamientos r werage re hydrographique a hidrográfica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Pro	Depth > 200m ofondeur > 20 fundidad > 20	0m
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	0	6	94	5	0	95
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes		1					
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

### Bahamas (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT RNC Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % UK Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Review planned for Dec 2024 to aid future survey plans and requirements. Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings		BASRA (Bahamas Air Sea Rescue Association) does broadcast Met & Nav Warnings for inshore
Avertissements locaux	Unknown	and offshore waters by VHF & HF, but this is not a 'declared' service for the purposes of the IMO.
Avisos locales		Details are published in ALRS.
Coastal warnings		BASRA (Bahamas Air Sea Rescue Association) does broadcast Met & Nav Warnings for inshore
Avertissements côtiers	Unknown	and offshore waters by VHF & HF, but this is not a 'declared' service for the purposes of the IMO.
Avisos costeros		Details are published in ALRS.
NAVAREA warnings		BASRA (Bahamas Air Sea Rescue Association) does broadcast Met & Nav Warnings for inshore
Avertissements NAVAREA	Unknown	and offshore waters by VHF & HF, but this is not a 'declared' service for the purposes of the IMO.
Avisos NAVAREA		Details are published in ALRS.
Information on ports and harbours		BASRA (Bahamas Air Sea Rescue Association) does broadcast Met & Nav Warnings for inshore
Information sur les ports et rades	Unknown	and offshore waters by VHF & HF, but this is not a 'declared' service for the purposes of the IMO.
Información sobre puertos		Details are published in ALRS.

## Bahrain (I)

Couvertu	Couverture hydrographique Cobertura hidrográfica		rographique Profondeur < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m	
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	63	31	6			
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
otes fotes fotas	Priorities are: a. Maritime Shipping Routes: northern water b. Other: reef areas.	rs. Main a	pproach c	channel nov	w covered	100% by	MBES.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	Partial	Provided by MENAS.
A1 area Zone A1 Zona A1	Partial	Provided by MENAS.
A2 area Zone A2 Zona A2	Partial	Provided by MENAS.
A3 area Zone A3 Zona A3	Partial	Provided by MENAS.
NAVTEX NAVTEX NAVTEX	YES	Provided by MENAS.
Safety NET Safety NET Safety NET	NO	Provided by MENAS.

### Bahrain (I)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 0 0 0 65 0 35 100 52 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire
Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes 5 ENCs have been produced and published through IC-ENC. Notes Notas

Navigation	al information	Status	Notes
Informatio	Informations nautiques		Notes
Informac <u>ió</u>	ón náutica	Estado	Notas
	Local warnings Avertissements locaux Avisos locales	YES	Provided by MENAS.
	Coastal warnings Avertissements côtiers Avisos costeros	YES	Provided by MENAS.
	NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Provided by MENAS.
]	Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Provided by MENAS.

# Bangladesh (J)

Hydrographic surveying / Levés hydrographiques / Levantamientos l Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	100	5	0	100	5	0
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento						
	Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notas	shipping are 100% surveyed and being resurcoastal area of Bangladesh is very dynamic scheme updated is a challenging task. Yet, tas and when required to accommodate changes are the second to accommodate changes are the sec	due to the he charts c	presence of	of delta. A	s such, ke	eping the	chart

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	There is an ongoing plan to improve the GMDSS infrastructure of Bangladesh. A project named "Establishment of Global Maritime Distress and Safety System and Integrated Maritime Navigation System (EGIMNS)" is in progress. Under this project, seven coastal radar stations including NAVTEX station will be installed in the coastal area of Bangladesh. The NAVTEX station is expected to start transmission by 2021.
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	NO	

### Bangladesh (J)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes The complete revised INT chart scheme of Bangladesh has been placed in INT Web Chart Catalogue Notes S-11 Part B. Bangladesh has prepared all 09 INT Charts as per the scheme. These charts are sent for Notas clearance from NICCWG.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	At present Department of Shipping is working on MSI issues in Bangladesh with the help of other maritime organizations. Regular broadcasting of local warning, navigational warning, port warning are done.
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

## Barbados (B)

Hydrographic surveying / Leyés hydrographiques / Leyantamientos hidrográficos

Survey co	aphic surveying / Levés hydrographiques / Levantamientos h overage ure hydrographique ra hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié	27	36	37	0	0	100
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	No survey 0-200m 37%						
	No survey >200m 100%  Multibeam surveys conducted on major rout 30m in a large proportion.	es. LIDAl	R survey c	covers all o	of 20m coi	ntour and	out to

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

### Barbados (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 0 100 100 70 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données UK satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Bridgetown, Deepwater Harbour updated for extended terminal berth and new survey data. New Notes editions of charts published April 2020 showing 2014/5 LIDAR data. Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Unknown	POLAR shows: Barbados Coast Guard (8PZ) broadcast Local/coastal Met Warnings and Local Nav Warnings on VHF but this is not a 'declared' service for the purposes of the IMO. Details are published in ALRS.
Coastal warnings Avertissements côtiers Avisos costeros	Unknown	
NAVAREA warnings Avertissements NAVAR Avisos NAVAREA	REA Unknown	
Information on ports and Information sur les ports e Información sobre puertos	et rades Unknown	

## Belarus (E)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Couvertu	Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	0	0	0	0	0	0	
Notes Notes Notas	Inland Waterways							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	N/A	
A1 area Zone A1 Zona A1	N/A	
A2 area Zone A2 Zona A2	N/A	
A3 area Zone A3 Zona A3	N/A	
NAVTEX NAVTEX NAVTEX	N/A	
Safety NET Safety NET Safety NET	N/A	

#### Belarus (E)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 0 0 0 0 0 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Data source Paper charts showing depth in meters Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navioational information Status

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	N/A	
Coastal warnings Avertissements côtiers Avisos costeros	N/A	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	N/A	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	N/A	

# Belgium (D)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamiento Survey coverage Couverture hydrographique Cobertura hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié	100	0	0			
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	1					

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan	VEC	
Plan cadre Plan principal	YES	
A1 area	YEG	
Zone A1 Zona A1	YES	
A2 area		
Zone A2 Zona A2	YES	
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX	T.TEG	
NAVTEX NAVTEX	YES	
Safety NET		
Safety NET Safety NET	NO	
Safety NET	110	

# Belgium (D)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Approaches and Ports Offshore passage Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes We don't produce Raster Charts, but they are produced by the UKHO (arranged by the bilateral Notes agreement we have with the UKHO). Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

## Belize (B)

Hydrographic surveying / Leyés hydrographiques / Leyantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
%		10	42	48	1	0	99
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Sur	ne approach channel to Belize City and the rveyed to modern standards. Lidar survey for 18/19 to depths of up to 40m.	-					

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

### Belize (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Aproches y puertos Cobertura de cartas publicadas Pasaje offshore Covered by INT or other paper charts meeting S-4 100 100 100 75 75 75 100 100 50 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **RNC ENC** INT **RNC ENC** INT **RNC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes General Notes 662 (Apr 2009 WGS INT 1:500K) GB200662 Notas Coastal 1573 (May 2020 WGS 1:125K) GB389310 1797 (May 2020 WGS 1:125K) GB389320 959 (Apr 2020 WGS 1:125K) GB389330 Approach 522 (Apr 2020 WGS 1:40K) GB400522 Port 1979 (May 2020 WGS 1:20 & 1:12K) GB58932B & GB58932A

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	NMCC VHF? - ALRS and GISIS hold no information regarding this service??
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Unknown	

## Benin (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	pmc surveying / Leves nydrographiques / Levantamientos r werage re hydrographique a hidrográfica	Pro	Depth < 200n ofondeur < 20 fundidad < 2	00m	Pro	Depth > 200m ofondeur > 20 fundidad > 20	0m
	Adequately surveyed Correctement hydrographié	1	9	90	5	0	95
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes		1		I			
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	YES	Data derived from EatHC technical visit.
A2 area Zone A2 Zona A2	YES	Data derived from EatHC technical visit.
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

#### Benin (G)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes 1. Data provided by France according to FR-BJ bilateral agreement Notes 2. Some large scale coverage needs modernisation. Notas 3. Data derived from EAtHC visit

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Partial	Only by hand of the pilots.
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	through NAVAREA II
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	

## Bolivia (C1)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co Couvertu	pmc surveying / Leves nydrographiques / Levantamientos r werage re hydrographique a hidrográfica	Pro	Depth < 200m fondeur < 20 fundidad < 20	0m	Pr	Depth > 200n ofondeur > 20 ofundidad > 2	00m
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	0	0	0	0	0	0
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento						
	Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	Inland Waterways						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	N/A	
Plan principal		
A1 area		
Zone A1	N/A	
Zona A1		
A2 area		
Zone A2	N/A	
Zona A2		
A3 area		
Zone A3	N/A	
Zona A3		
NAVTEX		
NAVTEX	N/A	
NAVTEX		
Safety NET		
Safety NET	N/A	
Safety NET		

### Bolivia (C1)

Nautical c	harting / Cartographie marine /	Cartografia náutica									
	of charts published			Offshore passage Landfall and Coastal passage Approaches a							
	re des cartes publiées			gation au			ige et naviga			roches et ]	_
Cobertura	de cartas publicadas		Pa	saje offsh	ore	Kecai	ada y Pasaje	costero	Apro	ches y pu	ertos
	Covered by INT or other pap	er charts meeting S-4									
	% Couvert par des cartes papier										
	Cubiertas por cartas de papel	INT o otras cumpliendo S	8-4			1		1	1		
	Covered by RNC meet	ting S 61									
	% Couvert par des RNC										
	Cubiertas por RNC cu	ımpliendo S-61									
	Covered by ENC meet	ting S-57									
	% Couvert par des ENC	_									
	Cubiertas por ENC cu		INT	DNC	ENC	INT	DNC	ENC	L	DNC	ENC
D 1		Paper charts refer	INT	RNC	ENC	INT	RNC Data sour	ENC	INT	RNC	ENC
	ts showing depth in meters ier avec les profondeurs en mètres	Cartes papier rap			ie			rce es données		ADC	~
	papel con profundidades en metros	satellitaire Cartas de papel re	faridas a un datu	m catalital				e los datos		ADC	-
Notes		Cartas de paper re	ici idas a un datu	in satentai			Origen u	t ios uatos			
Notes											
Notas											
Maritime	Safety Information / Renseigner	nents sur la sécurité ma	ritime / Info	rmación s	obre se	guridad r	narítima				
	nal information	Status		-		Not				-	
	ons nautiques	Status				Not					
	ón náutica	Estado				Not	as				
	Local warnings									_	
	Avertissements locaux	N/A									
	Avisos locales										
[	Coastal warnings									·	<u></u>
	Avertissements côtiers	N/A									

Avisos costeros NAVAREA warnings

Avertissements NAVAREA Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades N/A

N/A

## Bosnia-Herzegovina (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m	Depth > 200m Profondeur > 200m Profundidad > 200m
Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente		
Notes Notas		

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre		
Plan principal		
A1 area		
Zone A1		
Zona A1		
A2 area		
Zone A2		
Zona A2		
A3 area		
Zone A3		
Zona A3		
NAVTEX		
NAVTEX		
NAVTEX		
Safety NET		
Safety NET		
Safety NET		

#### Bosnia-Herzegovina (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Approaches and Ports Offshore passage Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Data source Paper charts showing depth in meters Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings		
Avertissements locaux		
Avisos locales		
Coastal warnings		
Avertissements côtiers		
Avisos costeros		
NAVAREA warnings		
Avertissements NAVAREA		
Avisos NAVAREA		
Information on ports and harbours		
Information sur les ports et rades		
Información sobre puertos		

#### **Brazil - Amazon Basin (B)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed  Correctement hydrographié	88	12	0		100	
Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento						
Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						

Notes Notes Notas Brazil's Amazon Basin has no deep water (>200m).

In 2023, sections of the Amazon River were surveyed by CHN-9, Port of Manaus; Rio Negro, Fugitivo bank; Rio Negro, between Remanso and Marab? and between Castanheira and Remanso; Solim?es River, between Tomanico?-AM and Tarar? Island-AM and between Tarar? Island-AM and Caet? Island; Madeira River, between Vila Belmonte and Enseada do Maniv?o. The surveys carried out by CHN-4 were: Amazonas River, Grande Curu? Channel, between Prainha and Almerim, between Almerim and the mouth of the Jari River and between the mouth of the Xingu River and Ituquara Island; straits region; Par? River, between the mouth of the Tocantins River and Barcarena; Tocantins River, between the mouth and Mocajuba. These surveys did not change the percentage of status os surveys, except for the surveys carried out by CHN-4 in the Tocantins and Par? Rivers, which are in the process of analysis, and therefore will not be included in this review.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		Studies have shown that the implementation of NAVTEX along
NAVTEX	NO	the Brazilian coast would not have a viable cost-benefit.
NAVTEX		the Brazinan coast would not have a viable cost-benefit.
Safety NET		
Safety NET	YES	
Safety NET		

#### Brazil - Amazon Basin (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 88 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC RNC ENC** INT RNC **ENC** INT **RNC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 86 % Source des données **Brazil** satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes In 2023, new nautical charts were produced, including: 4052, 4053, 4054 and 4055, all of them of the Notes Solim?es River; 222 and 4020, on the Amazon River. Still in 2022, a study was carried out by the Notas cartography area to make all Raster Charts of the Amazon Basin available, including those with local datum. In 2023, all nautical charts of the Amazon Basin were put available in Raster formats (RNC). Status of Paper Charts: the percentage of 86% of charts of the Amazon Basin that are in satellite datum (WGS84) were computed on charts of the Amazonas River, Par? River, Solim?es River, Jari River, Estreitos, Tocantins River, Tapaj?s River, Trombetas River, Madeira River and Xingu River. Cartographic coverage: Cartographic coverage: For calculation purposes, the limits of the MACHC/CHMAC area - Mesoamerican HC and the Caribbean Sea were considered.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

### **Brazil - INT Region B (B)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Pr	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié	84	13	3	100	0	0	
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
In 2020, a hydrographic survey was carried out in the mouth of the Amazon River.							

Notas

In 2021, a hydrographic survey was carried out near to mouth of the Amazon River.

In 2022, there were no survey in this area.

13% of this area that requires to be resurveyed and 3% of this area not yet surveyed are located in the Amazon River delta and covered by the nautical chart 21300 (INT Chart 4196).

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		Studies have shown that the implementation of NAVTEX along
NAVTEX	NO	
NAVTEX		the Brazilian coast would not have a viable cost-benefit.
Safety NET		
Safety NET	YES	
Safety NET		

### **Brazil - INT Region B (B)**

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Aproches y puertos Cobertura de cartas publicadas Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes The entire Brazilian coast is covered by INT chart series on the scales of 1:300,000 and Notes 1:1,000,000.RNC and ENC were produced sequentially. Notas The new edition of the nautical chart 21300 was published in 2020. In 2021, cartographic updates were produced for the North Bar of the Amazonas River mouth.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

### Brazil - INT Region C1 (C1)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200n ofondeur < 20 fundidad < 20	00m	Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié	73	27	0	100	0	0	
Adecuadamente levantado  Re-survey required  Nécessitant de nouveaux levés Requiere nuevo levantamiento							
Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							

Notes Notes Notas

In 2020 and 2021, the hydrographic survey for the new edition of the nautical chart 1507 of Macaé was carried out.

In 2021, hydrographic surveys were carried out offshore and along the south-southeast of the Brazilian coast, covering Tramandaí Harbour-RS, Imbituba-SC, Valença-BA, Macaé-RJ and the Rio Grande Elevation.

In 2022, a hydrographic survey was carried out near the Port of Maceió, AL.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		Studies have shown that the implementation of NAVTEX along
NAVTEX	NO	
NAVTEX		the Brazilian coast would not have a viable cost-benefit.
Safety NET		
Safety NET	YES	
Safety NET		

## **Brazil - INT Region C1 (C1)**

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **RNC ENC** INT **RNC ENC** INT **RNC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 87 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes The entire Brazilian coast is covered by series of INT charts at scales 1:300,000 and 1:1,000,000.RNC **Notes** 

Notas

and ENC were produced sequentially.

Regarding paper charts, 13% of the national charts still refer to the Local Datum. The implementation of the 3rd Brazilian Nautical Cartographic Plan will address this issue.

In 2020, two new nautical charts were produced: 1624 (Ilha da Guaíba Terminal), and 1640 (Proximities of Port of São Sebastião). And three new editions of nautical charts were issued: 1401 (Ports of Vitória and Tubarão), 1410 (Proximities of Ports of Vitória and Tubarão), and 1623 (Port of Itaguaí).

In 2021, a new nautical chart was produced: 1625 (Ilha Grande Bay).

In 2022, four new nautical charts were produced: 1620 (From Pontal de Sernambetiba to Ilha Grande), 1921 (Port of Imbituba), 2011 (Tramandaí), and 2133 (From Ponta Grossa to Porto Alegre).

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

#### Brazil - Paraguay Waterway, Tiete-Parana Waterway, Patos Lagoon (C1)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Depth < 200m **Depth** > 200m Survey coverage Couverture hydrographique Profondeur < 200m Profondeur > 200m Cobertura hidrográfica Profundidad < 200m Profundidad > 200m Adequately surveyed 75 0 25 100 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Paraguay Waterway, Tietê-Paraná Waterway and Patos Lagoon have no deep water (> 200m).

Notes Notes Notas

Paraguay Waterway, Tietê-Paraná Waterway and Patos Lagoon have no deep water (> 200m). Re-survey required inside the Patos Lagoon, in the south of Brazil (between Porto Alegre harbour and Rio Grande harbour), due to the large extension of the Lagoon and the difficulties of the logistics for establishing systematic surveys there.

Surveys will be carried out under the implementation of the 3rd Brazilian Nautical Cartographic Plan. The hydrographic survey for the new edition of the nautical chart 2132 (From Itapuã to Ponta do Arado Velho) of the Guaíba River, began in 2020 and it is scheduled to end in 2023.

,	Status	Notes
GMDSS implementation		
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		Studies have shown that the implementation of NAVTEX along
NAVTEX	NO	1
NAVTEX		the Brazilian coast would not have a viable cost-benefit.
Safety NET		
Safety NET	YES	
Safety NET		

## Brazil - Paraguay Waterway, Tiete-Parana Waterway, Patos Lagoon (C1)

Nautical o	charting / Cartographie marine / Cartografia náutica										
_	of charts published	Offshore passage Landfall and Coastal passa					l passage				
	re des cartes publiées		gation au	_		age et navigat lada y Pasaje		Approches et ports Aproches y puertos			
Cobertura	a de cartas publicadas	Pas	saje offsh 	ore	Keca	laua y 1 asaje	costero	Apro	ches y pu	iertos 	
	Covered by INT or other paper charts meeting S-4								100	60	
	% Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4										
		1			11			1			
	Covered by RNC meeting S-61										
	<b>%</b> Couvert par des RNC conformes S-61										
	Cubiertas por RNC cumpliendo S-61										
	Covered by ENC meeting S-57										
	<b>%</b> Couvert par des ENC conformes S-57										
	Cubiertas por ENC cumpliendo S-57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC	
-	ts showing depth in meters  Paper charts referenced Cartes papier rapportée			ıe	02.0/	Data sour					
	ier avec les profondeurs en mètres papel con profundidades en metros   100 %   Satellitaire   Cartas de papel referida				93 %	Source de Origen de					
Notes	Brazil has already published paper nautical of			ICs co	overing				wav tl	ne.	
Notes	Tietê-Paraná Waterway and the Patos Lagoo		and Iti	1000	) v Ci iii g	, the run	uguuj	vv acci	,, ay, a	10	
Notas	The nautical cartography for the Paraguay W		ay is k	ept up	dated a	and eve	ry 3-4 v	years n	ew ed	itions	
	of the paper nautical charts and Inland ENCs		-	1 1			, ,	,			
	The nautical cartography for the Tietê-Paran			was co	omplet	ed in 20	)11 and	bunct	ual up	dates	
	are published in a timely manner.		J		1			1	1		
	The nautical charts of both Waterways meet	the red	quirem	ents e	stablis	hed by 1	he IHC	).			
	In the Patos Lagoon where SOLAS navigation		-			-			ferenc	ed to	
	Local Datum. Therefore, there's no ENC issu			•		_	1 ,				
	In the next 4 years, 3 new nautical charts for	•			_		goon a	re exp	ected t	o be	
	published.							г			
	The new edition of the nautical chart 2133 (I	From F	Ponta C	irossa	to Por	to Aleg	re) was	issued	1 in 20	22.	
	(		-								

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

#### Brazil - Sao Pedro and Sao Paulo Archipelago (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Depth < 200m Depth > 200m Survey coverage Couverture hydrographique Profondeur < 200m Profondeur > 200mCobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 0 0 100 100 0 0 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente **Notes** Re-survey required in the area shallower than 200 m. Hydrographic surveys will be carried out under Notes the implementation of the 3rd Brazilian Nautical Cartographic Plan. Notas In 2022, a hydrographic survey was carried out in depths greater than 200 m.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		Studies have shown that the implementation of NAVTEX along
NAVTEX	NO	the Brazilian coast would not have a viable cost-benefit.
NAVTEX		the Brazinan coast would not have a viable cost-benefit.
Safety NET		
Safety NET	YES	
Safety NET		

## Brazil - Sao Pedro and Sao Paulo Archipelago (B)

Nauticai (	charting / Cartographie marine /	Cartograi	ia nautica									
Coverage	of charts published			Offs	shore pas	sage	Landfa	ll and Coasta	l passage	Appro	aches and	d Ports
Couvertu	re des cartes publiées			Navi	gation au	large		age et navigat		e Approches et ports		
Cobertura	a de cartas publicadas			Pas	saje offsh	ore	Reca	lada y Pasaje	costero	Apro	ches y pu	iertos
	Covered by INT or other paper Couvert par des cartes papie Cubiertas por cartas de paper	er INT ou at	utres conformes S-4	100	100	100		100	100			
	Covered by RNC mee Couvert par des RNC Cubiertas por RNC c  Covered by ENC mee	eting S-62 Conforn umpliend	1 nes S-61 do S-61									
	% Couvert par des ENC	conforn	nes S-57									
	Cubiertas por ENC c			DIE	DNG	ENIG	L	DNG	FNG	L		
_		итриенс		INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Cartes pap Cartas de <sub>l</sub>	rts showing depth in meters pier avec les profondeurs en mètres papel con profundidades en metros	100 %	Paper charts referenced Cartes papier rapportées satellitaire Cartas de papel referida	s à un systèi	me géodésiqu	1 1	00 %	Data sour Source de Origen de	s données			
Notes	This area is covered by	INT ch	art 407 (South	ı Ame	rica No	ortheas	t Coa	st) and t	he natio	onal n	autical	chart
Notes Notas	11 (Nearby São Pedro a		`			<b>31 111 0 0</b> 10		oo, ama		,		

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

### Brazil - Trindade & Martim Vaz Archipelago (C1)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur < 200m Couverture hydrographique Profondeur > 200mCobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 0 0 100 100 0 0 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente **Notes** Re-survey is required in the area shallower than 200 m. Hydrographic surveys will be carried out Notes under the implementation of the 3rd Brazilian Nautical Cartographic Plan. Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		Studies have shown that the implementation of NAVTEX along
NAVTEX	NO	the Brazilian coast would not have a viable cost-benefit.
NAVTEX		the Brazinan coast would not have a viable cost-benefit.
Safety NET		
Safety NET	YES	
Safety NET		

# Brazil - Trindade & Martim Vaz Archipelago (C1)

	narting / Cartographie marine / Cartografia nautica						
	of charts published		re passage	Landfall and Coastal passage	Approaches and Ports		
Couverture	e des cartes publiées	Navigati	ion au large	Atterrissage et navigation côtière	**		
Cobertur <u>a</u>	de cartas publicadas	Pasaje	offshore	Recalada y Pasaje costero	Aproches y puertos		
	Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes Cubiertas por cartas de papel INT o otras cumpliendo	5-4	100	100			
Paper charts Cartes papie Cartas de pa Notes	Couvert par des cartes papier INT ou autres conformes Cubiertas por cartas de papel INT o otras cumpliendo  Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 s showing depth in meters er avec les profondeurs en mètres  100 %  Paper charts refe Cartes papier rap satellitaire	INT Fenced to a satellite dat portées à un système geferidas a un datum satast Coast of	RNC ENC um éodésique telital  South Amé	INT RNC ENC Data source Source des donnée Origen de los date erica) and the nation	os		

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

## Brunei Darussalam (K)

Hydrographic surveying / Leyés hydrographiques / Leyantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m	Depth > 200m Profondeur > 200m Profundidad > 200m			
% %	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement					
Notes Notes Notas	Nunca levantado sistemáticamente					

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre		
Plan principal		
A1 area		
Zone A1		
Zona A1		
A2 area		
Zone A2		
Zona A2		
A3 area		
Zone A3		
Zona A3		
NAVTEX		
NAVTEX		
NAVTEX		
Safety NET		
Safety NET		
Safety NET		

#### Brunei Darussalam (K)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Aproches y puertos Cobertura de cartas publicadas Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT ENC INT **RNC ENC** INT **RNC ENC RNC** Paper charts referenced to a satellite datum Data source Paper charts showing depth in meters Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima

Navigational information		Status	Notes
	Informations nautiques	Status	Notes
	Información náutica	Estado	Notas
	Local warnings		
	Avertissements locaux		
	Avisos locales		
	Coastal warnings		
	Avertissements côtiers		
	Avisos costeros		
	NAVAREA warnings		
	Avertissements NAVAREA		
	Avisos NAVAREA		
	Information on ports and harbours		
	Information sur les ports et rades		
	Información sobre puertos		

# Bulgaria (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamientos h  Survey coverage  Couverture hydrographique  Cobertura hidrográfica		Pro	Depth < 200m ofondeur < 20 ofundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié	90	10	0	0	0	100	
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas		1						
notas								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre		
Plan principal		
A1 area		
Zone A1	NO	Planned
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	YES	
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

# Bulgaria (F)

Nautical of	charting / Cartographie marine /	Cartografia náutica									
Coverage of charts published			Offshore passage		Landfall and Coastal passage			Approaches and Ports			
Couverture des cartes publiées			Navigation au large		Atterrissage et navigation côtière			Approches et ports			
Cobertura de cartas publicadas		Pas	saje offsl	iore	Recala	da y Pasaje	costero	Apro	ches y pu	ertos	
	Covered by INT or other pap Couvert par des cartes papie Cubiertas por cartas de pape	r INT ou autres conformes S-4	100			100			100		
Paper chai	Covered by RNC mee Couvert par des RNC Cubiertas por RNC cu Covered by ENC mee Couvert par des ENC Cubiertas por ENC cu ts showing depth in meters	conformes S-61 ampliendo S-61 ting S-57 conformes S-57 ampliendo S-57			ENC	INT	RNC Data sour	ENC	INT	RNC	ENC
	ier avec les profondeurs en mètres	Cartes papier rapportée satellitaire	s a un systèi	me geodesiq	ue			s données			
	papel con profundidades en metros	Cartas de papel referida						los datos			
Notes Notes	By bilateral agreement,	UK publishes $100\%$	covera	age of	A and	B for c	offshore	e and co	oastal j	passag	e and
Notas	also largescale coverage	e of Varna and Burga	s and	approa	cnes.						

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

# Burundi (H)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co Couvertu Cobertui	overage ire hydrographique ra hidrográfica	Pro	Depth < 200n ofondeur < 20 fundidad < 20	00m	Pre	Depth > 200n ofondeur > 20 fundidad > 2	00m
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	0	0	0	0	0	0
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento						
	Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	Lake Tanganyika						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	N/A	
A1 area Zone A1 Zona A1	N/A	
A2 area Zone A2 Zona A2	N/A	
A3 area Zone A3 Zona A3	N/A	
NAVTEX NAVTEX NAVTEX	N/A	
Safety NET Safety NET Safety NET	N/A	

### Burundi (H)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Approaches and Ports Offshore passage Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Aproches y puertos Cobertura de cartas publicadas Covered by INT or other paper charts meeting S-4 0 0 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Data source Paper charts showing depth in meters Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	N/A	
Coastal warnings Avertissements côtiers Avisos costeros	N/A	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	N/A	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	N/A	

# Cabo Verde (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co Couvertu	aphic surveying / Levés hydrographiques / Levantamientos hoverage are hydrographique a hidrográfica	Pr	Depth < 200n ofondeur < 20 ofundidad < 2	00m	Pro	Depth > 200r ofondeur > 2 fundidad > 2	00m
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	91	0	9	25	0	75
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	Values calculated by IHPT						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	Partial	GMDSS A1 area not operational since 2016
Zona A1		
A2 area		
Zone A2	Partial	GMDSS A1 area not operational since 2016
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX		NAVTEX system not operational since 2016
NAVTEX		•
Safety NET		
Safety NET	NO	
Safety NET		

## Cabo Verde (G)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 35 0 26 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 RNC **ENC** INT **RNC ENC** INT **RNC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 75 % **IHPT** Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Values relating only to charts produced by IHPT. Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Partial	São Vicente Radio (D4A)
Coastal warnings Avertissements côtiers Avisos costeros	NO	NAVTEX system not operational since 2016
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	Urgent MSI are sent to Coordination of NAVAREA II (SHOM) for broadcasting
Information on ports and harbours Information sur les ports et rades Información sobre puertos		Updates passed to Portugal - (IHPT)

# Cambodia (K)

Hydrographic surveying / Leyés hydrographiques / Leyantamientos hidrográficos

Survey co Couvertu	verage re hydrographique a hidrográfica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 20 Profundidad > 20		0m
	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	0	34	66	0	0	0
Notes Notes Notas	Figures provided by France.						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre		
Plan principal		
A1 area		
Zone A1		
Zona A1		
A2 area		
Zone A2		
Zona A2		
A3 area		
Zone A3		
Zona A3		
NAVTEX		
NAVTEX		
NAVTEX		
Safety NET		
Safety NET		
Safety NET		

### Cambodia (K)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertur<u>a de cartas</u> publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC** ENC **RNC ENC** INT **RNC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres France Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes **Informations nautiques** Status Notes Información náutica Estado Notas Local warnings **Avertissements locaux** Avisos locales Coastal warnings

Avertissements côtiers
Avisos costeros
NAVAREA warnings
Avertissements NAVAREA
Avisos NAVAREA

Information on ports and harbours Information sur les ports et rades Información sobre puertos

# Cameroon (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey cove Couverture	hic surveying / Levés hydrographiques / Levantamientos l erage e hydrographique hidrográfica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0 <b>m</b>	Pro	Depth > 200m fondeur > 20 fundidad > 20	0m
	Adequately surveyed Correctement hydrographié	4	11	85	4	1	95
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes		1					
Notas							

GMDSS implementation	Status	Notes	
Mise en œuvre du SMDSM	Status	Notes	
Implementación SMSSM	Estado	Notas	
Master plan	NO	Data design of form Father to design of solid	
Plan cadre Plan principal	NO	Data derived from EatHC technical visit.	
A1 area			$\exists$
Zone A1	NO		
Zona A1			
A2 area			
Zone A2	NO		
Zona A2			
A3 area			
Zone A3	NO		
Zona A3			
NAVTEX			
NAVTEX	NO		
NAVTEX			
Safety NET			
Safety NET	NO		
Safety NET			

### Cameroon (G)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Aproches y puertos Cobertura de cartas publicadas Pasaje offshore Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes 1. Data provided by France, courtesy of Cameroon Notes 2. Some large scale coverage needs modernisation. Notas 3. Data derived from EAtHC visit

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	Data derived from EatHC technical visit.
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	through NAVAREA II
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	Survey data for Douala harbour is received by France (SHOM).

### Canada (A)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié	11	66	23	41	30	29
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						

#### Notes Notes Notas

Status of Surveys:

This section is more complex than 2018 because of the change in classification scheme. CHS now match the Classification in Annex A of the Proposal for Review: Status of Hydrographic Surveying and Nautical Charting Worldwide, submitted by the United Kingdom and France.

There is a decrease in the 0-200m Adequately surveyed areas because CATZOC B is now split between "Adequate" and "Resurvey" areas based on the 50m depth contour. CATZOC B above 50m is considered "Resurvey" and CATZOC B below 50m depth is considered "Adequate" This is consistent for every region except inland waters.

There is an increase in all >200m Adequately surveyed areas because CATZOC C is now included in the "Adequate" classification below 200m depth. This is consistent for every region.

There is an increase in the 0-200m "Resurvey" classification. This is due to the "Resurvey" classification now including CATZOC D and U. Previously in 2018 CATZOC D and U were not used in any classifications. This is consistent for all regions.

Correspondingly, there has been an overall decrease in areas not surveyed in areas both above and below 200m depth. This is due to the inclusion of CATZOC D and U in the study.

#### Supporting Notes:

- 1. Regional Boundaries (Canada-Atlantic, Canada-Pacific, Canada-Arctic and Canada-Inland Waters) were based on the regional boundaries used for the production of ENC, RNC and INT charts.
- 2. Canadian shoreline and depths were derived from GEBCO 2014 30 arc-second grid retrieved January 22, 2019.
- 3. Inland waters comprising of the St. Lawrence Seaway and all five Great Lakes were included in these calculations.
- 4. The high proportion of inadequacy surveyed waters is predominately due to the large area of Arctic waters that are un-surveyed or covered by frontier surveys only.
- 5. Ecotourism, climate change and resource development are increasing demand for surveys in Arctic and frontier areas.
- 6. Canadian shoreline and depths were derived from GEBCO 2014 30 arc-second grid retrieved on January 22, 2019.
- 7. Status of survey classifications were based on Annex A: SHOM C-55 CATZOC conversion table of the Proposal for Review of C-55: Status of Hydrographic Surveying and Nautical Charting Worldwide, proposed by the United Kingdom and France. (2016) Doccument N. (CBSC16-08.3B) Available from: https://www.iho.int/mtg\_docs/com\_wg/CBC/CBSC16/CBSC16-03B-Actions-CBSC15.pdf
- 8. Due to the change in Status of survey classifications from the previous year, large differences in statistics are expected
- 9. "Adequate", "Resurvey" and "No Survey" areas were classified using CATZOC survey data extracted from Canadian Hydrographic Service database on April 11, 2019.

GMDSS	implementation	Status	Notes
Mise en o	euvre du SMDSM	Status	Notes
Impleme	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	YES	- GISIS updated as required - Canadian Coast Guard publication, Radio Aids to Marine Navigation - Arctic maritime safety information services based on Canadian NAVAREAs XVII & XVIII
	A1 area Zone A1 Zona A1	YES	
	A2 area Zone A2 Zona A2	NO	- A2 not declared - Where located, MF RT Distress and Safety Services provided
	A3 area Zone A3 Zona A3	YES	
	NAVTEX NAVTEX NAVTEX	YES	
	Safety NET Safety NET Safety NET	YES	- NAVAREA XVII & XVIII - METAREA XVII & XVIII, and the Hudson Bay area of METAREA I

### Canada (A)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 56 59 14 10 9 2 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT RNC **RNC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 66 % 87 % Source des données

#### Notes **Notes** Notas

Cartas de papel con profundidades en metros

- 1. Regional Boundaries (Canada-Atlantic, Canada-Pacific, Canada-Arctic and Canada-Inland Waters) have been divided based on the regional boundaries used for the production of ENC, RNC and INT charts.
- 2. Chart Coverages have been divided based on the minimum scale of each chart.

Cartas de papel referidas a un datum satelital

- 3. "Passage" comprised of charts from 1:150 001 and above, "Coastal" comprised of charts ranging from 1:50 001 - 1:150 000, "Port" comprised of charts 1:50,000 and below.
- 4. RNC, ENC and INT chart coverages were extracted April 11, 2019.

satellitaire

5. Satellite datums were assumed to be WGS 84 and NAD83 in the calculation of paper charts referenced to a satellite datum.

Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima

•		
Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	NAVAREA XVII and XVIII
Information on ports and harbours Information sur les ports et rades Información sobre puertos		Limited to navigational warnings within ports/harbours.

Origen de los datos

### Canada - Arctic (N)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié	8	60	32	37	14	49	
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							

#### Notes Notes Notas

- 1. Regional Boundaries (Canada-Atlantic, Canada-Pacific, Canada-Arctic and Canada-Inland Waters) been divided based on the regional boundaries used for the production of ENC, RNC and INT charts.
- 2. Canadian shoreline and depths were derived from GEBCO 2014 30 arc-second grid retrieved on January 22, 2019.
- 3. Status of survey classifications were based on Annex A: SHOM C-55 CATZOC conversion table of the Proposal for Review of c-55: Status of Hydrographic Surveying and Nautical Charting Worldwide, proposed by the United Kingdom and France. (2016) Doccument N. (CBSC16-08.3B) Available from: https://www.iho.int/mtg\_docs/com\_wg/CBC/CBSC16/CBSC16-03B-Actions-CBSC15.pdf
- 4. Due to the change in Status of survey classifications from the previous year (noted above), large differences in statistics are expected:

There is a decrease in the 0-200m Adequately surveyed areas because CATZOC B is now split between "Adequate" and "Resurvey" areas based on the 50m depth contour. CATZOC B above 50m is considered "Resurvey" and CATZOC B below 50m depth is considered "Adequate" This is consistent for every region except inland waters.

There is an increase in all >200m Adequately surveyed areas because CATZOC C is now included in the "Adequate" classification below 200m depth. This is consistent for every region.

There is an increase in the 0-200m "Resurvey" classification. This is due to the "Resurvey" classification now including CATZOC D and U. Previously in 2018 CATZOC D and U were not used in any classifications.

5. "Adequate", "Resurvey" and "No Survey" areas were classified using CATZOC survey data extracted from Canadian Hydrographic Service database on April 11, 2019.

GMDSS implementation	Status	Notes				
Mise en œuvre du SMDSM	Status	Notes				
Implementación SMSSM	Estado	Notas				
Master plan Plan cadre Plan principal	YES	- GISIS updated as required - Canadian Coast Guard publication, Radio Aids to Marine Navigation				
A1 area Zone A1 Zona A1	NO	- A1 not declared in Canadian Arctic - Where located, VHF Distress and Safety services provided during the navigational sea				
A2 area Zone A2 Zona A2	NO	- A2 not declared in Canadian Arctic - Where located, MF Distress and Safety services provided during the navigational season				
A3 area Zone A3 Zona A3	YES	- A3 declared by Canada - Where located in the Canadian Arctic, GMDSS services provided during the navigational season				
NAVTEX NAVTEX NAVTEX	NO	No NAVTEX station is located in Arctic waters above 67N.				
Safety NET Safety NET Safety NET	YES	- NAVAREA XVII and XVIII - METAREA XVII & XVIII, and the Hudson Bay Area of METAREA IV				

### Canada - Arctic (N)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 29 36 10 3 4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT RNC **ENC RNC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 69 % 63 % Source des données CA - CHS satellitaire

#### Notes Notes Notas

Cartas de papel con profundidades en metros

1. Regional Boundaries (Canada-Atlantic, Canada-Pacific, Canada-Arctic and Canada-Inland Waters) have been divided based on the regional boundaries used for the production of ENC, RNC and INT charts.

Cartas de papel referidas a un datum satelital

- 2. Chart Coverages were divided based on the minimum scale of each chart.
- 3. "Passage" comprised of charts from 1:150 001 and above, "Coastal" comprised of charts ranging from 1:50 001 1:150 000, "Port" comprised of charts 1:50,000 and below.
- 4. RNC, ENC and INT chart coverages were extracted April 11, 2019.
- 5. The high proportion of inadequacy surveyed waters is predominately due to the large area of Arctic waters that are un-surveyed or covered by frontier surveys only.
- 6. Ecotourism, climate change and resource development are increasing demand for surveys in Arctic and frontier areas.
- 7. Satellite datums were assumed to be WGS 84 and NAD83 in the calculation of paper charts referenced to a satellite datum.

Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima

•		<u>.                                      </u>
Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	NAVAREAs XVII and XVIII
Information on ports and harbours Information sur les ports et rades Información sobre puertos		Limited to navigational warnings within ports/harbours.

Origen de los datos

### Canada - East Coast (A)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié	15	82	3	28	67	5
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						

#### Notes Notes Notas

- 1. Regional Boundaries (Canada-Atlantic, Canada-Pacific, Canada-Arctic and Canada-Inland Waters) been divided based on the regional boundaries used for the production of ENC, RNC and INT charts.
- 2. Canadian shoreline and depths were derived from GEBCO 2014 30 arc-second grid retrieved on January 22, 2019.
- 3. Status of survey classifications were based on Annex A: SHOM C-55 CATZOC conversion table of the Proposal for Review of c-55: Status of Hydrographic Surveying and Nautical Charting Worldwide, proposed by the United Kingdom and France. (2016) Doccument N. (CBSC16-08.3B) Available from: https://www.iho.int/mtg\_docs/com\_wg/CBC/CBSC16/CBSC16-03B-Actions-CBSC15.pdf
- 4. Due to the change in Status of survey classifications from the previous year (noted above), large differences in statistics are expected:

There is a decrease in the 0-200m Adequately surveyed areas because CATZOC B is now split between "Adequate" and "Resurvey" areas based on the 50m depth contour. CATZOC B above 50m is considered "Resurvey" and CATZOC B below 50m depth is considered "Adequate" This is consistent for every region except inland waters.

There is an increase in all >200m Adequately surveyed areas because CATZOC C is now included in the "Adequate" classification below 200m depth. This is consistent for every region.

There is an increase in the 0-200m "Resurvey" classification. This is due to the "Resurvey" classification now including CATZOC D and U. Previously in 2018 CATZOC D and U were not used in any classifications.

5. "Adequate", "Resurvey" and "No Survey" areas were classified using CATZOC survey data extracted from Canadian Hydrographic Service database on April 11, 2019.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre	YES	- GISIS updated as required
Plan principal	122	- Canadian Coast Guard publication, Radio Aids to Marine Navigation
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	NO	<ul><li>A2 not declared in Canada.</li><li>Where located, MF Distress and Safety services provided</li></ul>
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	NO	via NAV/METAREA IV

### Canada - East Coast (A)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 98 97 16 16 15 2 2 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT RNC **ENC RNC ENC** INT RNC **ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source CA - Canadian Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 66 % 97 % Source des données satellitaire Hydrographic Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital

#### Notes Notes Notas

- 1. Regional Boundaries (Canada-Atlantic, Canada-Pacific, Canada-Arctic and Canada-Inland Waters) have been divided based on the regional boundaries used for the production of ENC, RNC and INT charts.
- 2. Chart Coverages were divided based on the minimum scale of each chart.
- 3. "Passage" comprised of charts from 1:150 001 and above, "Coastal" comprised of charts ranging from 1:50 001 1:150 000, "Port" comprised of charts 1:50,000 and below.
- 4. RNC, ENC and INT chart coverages were extracted April 11, 2019.
- 5. Satellite datums were assumed to be WGS 84 and NAD83 in the calculation of paper charts referenced to a satellite datum.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	Via NAV/METAREA IV
Information on ports and harbours Information sur les ports et rades Información sobre puertos		Limited to navigational warnings within ports/harbours.

### **Canada - Inland Waters (A)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié	64	36	0	95	5	0	
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							

#### Notes Notes Notas

- 1. Regional Boundaries (Canada-Atlantic, Canada-Pacific, Canada-Arctic and Canada-Inland Waters) been divided based on the regional boundaries used for the production of ENC, RNC and INT charts.
- 2. Canadian shoreline and depths were derived from GEBCO 2014 30 arc-second grid retrieved on January 22, 2019.
- 3. Status of survey classifications were based on Annex A: SHOM C-55 CATZOC conversion table of the Proposal for Review of c-55: Status of Hydrographic Surveying and Nautical Charting Worldwide, proposed by the United Kingdom and France. (2016) Document N. (CBSC16-08.3B) Available from: https://www.iho.int/mtg\_docs/com\_wg/CBC/CBSC16/CBSC16-03B-Actions-CBSC15.pdf
- 4. Due to the change in Status of survey classifications from the previous year (noted above), large differences in statistics are expected:

There is an increase in all >200m Adequately surveyed areas because CATZOC C is now included in the "Adequate" classification below 200m depth. This is consistent for every region.

There is an increase in the 0-200m "Resurvey" classification. This is due to the "Resurvey" classification now including CATZOC D and U. Previously in 2018 CATZOC D and U were not used in any classifications.

5. "Adequate", "Resurvey" and "No Survey" areas were classified using CATZOC survey data extracted from Canadian Hydrographic Service database on April 11, 2019.

GMDSS implementation	Status	Notes				
Mise en œuvre du SMDSM	Status	Notes				
Implementación SMSSM	Estado	Notas				
Master plan	MEG	- GISIS updated as required				
Plan cadre	YES	- Canadian Coast Guard publication, Radio Aids to Marine Navigation				
Plan principal						
A1 area	NO	A1 not declared in Great Lakes, but VHF DSC Distress and Safety				
Zone A1	NO	services are provided.				
Zona A1		services are provided.				
A2 area		A2 not declared in Great Lakes				
Zone A2	NO					
Zona A2						
A3 area		A3 not declared in Great Lakes				
Zone A3	NO					
Zona A3						
NAVTEX						
NAVTEX	YES					
NAVTEX						
Safety NET						
Safety NET	NO					
Safety NET						

### Canada - Inland Waters (A)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 92 72 43 59 54 40 12 11 6 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT RNC **RNC ENC** INT **RNC ENC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 47 % 89 % Source des données CA - CHS satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes 1. Regional Boundaries (Canada-Atlantic, Canada-Pacific, Canada-Arctic and Canada-Inland Waters) **Notes** have been divided based on the regional boundaries used for the production of ENC, RNC and INT Notas charts. 2. Chart Coverages were divided based on the minimum scale of each chart. 3. "Passage" comprised of charts from 1:150 001 and above, "Coastal" comprised of charts ranging from 1:50 001 - 1:150 000, "Port" comprised of charts 1:50,000 and below. 4. RNC, ENC and INT chart coverages were extracted April 11, 2019. 5. Satellite datums were assumed to be WGS 84 and NAD83 in the calculation of paper charts referenced to a satellite datum.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	Limited to navigational warnings within ports/harbours.

### **Canada - West Coast (A)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié	46	53	1	100	0	0	
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							

#### Notes Notes Notas

- 1. Regional Boundaries (Canada-Atlantic, Canada-Pacific, Canada-Arctic and Canada-Inland Waters) been divided based on the regional boundaries used for the production of ENC, RNC and INT charts.
- 2. Canadian shoreline and depths were derived from GEBCO 2014 30 arc-second grid retrieved on January 22, 2019.
- 3. Status of survey classifications were based on Annex A: SHOM C-55 CATZOC conversion table of the Proposal for Review of c-55: Status of Hydrographic Surveying and Nautical Charting Worldwide, proposed by the United Kingdom and France. (2016) Document N. (CBSC16-08.3B) Available from: https://www.iho.int/mtg\_docs/com\_wg/CBC/CBSC16/CBSC16-03B-Actions-CBSC15.pdf
- 4. Due to the change in Status of survey classifications from the previous year (noted above), large differences in statistics are expected:

There is a decrease in the 0-200m Adequately surveyed areas because CATZOC B is now split between "Adequate" and "Resurvey" areas based on the 50m depth contour. CATZOC B above 50m is considered "Resurvey" and CATZOC B below 50m depth is considered "Adequate". This is consistent for every region except inland waters.

There is an increase in all >200m Adequately surveyed areas because CATZOC C is now included in the "Adequate" classification below 200m depth. This is consistent for every region.

There is an increase in the 0-200m "Resurvey" classification. This is due to the "Resurvey" classification now including CATZOC D and U. Previously in 2018 CATZOC D and U were not used in any classifications.

5. "Adequate", "Resurvey" and "No Survey" areas were classified using CATZOC survey data extracted from Canadian Hydrographic Service database on April 11, 2019.

<b>GMDSS</b> implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	- GISIS updated as required - Canadian Coast Guard publication, Radio Aids to Marine Navigation
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	NO	- A2 not declared in Canada, where located, MF Distress and Safety services provided
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	NO	Via NAV/METAREA XII

### Canada - West Coast (A)

Nautical charting / Cartographie marine / Cartografia náutica Offshore passage Coverage of charts published Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 92 22 22 8 7 16 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT RNC **RNC ENC** INT RNC **ENC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 94 % 90 % Source des données CA - CHS satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes

#### Notes Notes Notas

- 1. Regional Boundaries (Canada-Atlantic, Canada-Pacific, Canada-Arctic and Canada-Inland Waters) have been divided based on the regional boundaries used for the production of ENC, RNC and INT charts.
- 2. Chart Coverages were divided based on the minimum scale of each chart.
- 3. "Passage" comprised of charts from 1:150 001 and above, "Coastal" comprised of charts ranging from 1:50 001 1:150 000, "Port" comprised of charts 1:50,000 and below.
- 4. RNC, ENC and INT chart coverages were extracted April 11, 2019.
- 5. Satellite datums were assumed to be WGS 84 and NAD83 in the calculation of paper charts referenced to a satellite datum.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	Via NAVAREA XII
Information on ports and harbours Information sur les ports et rades Información sobre puertos		Limited to navigational warnings within ports/harbour.

# **Central African Republic (G)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	0	0	0	0	0	0
Notes Notes Notas	Inland Waterways						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	N/A	
A1 area Zone A1 Zona A1	N/A	
A2 area Zone A2 Zona A2	N/A	
A3 area Zone A3 Zona A3	N/A	
NAVTEX NAVTEX NAVTEX	N/A	
Safety NET Safety NET Safety NET	N/A	

### **Central African Republic (G)**

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Aproches y puertos Cobertura de cartas publicadas Covered by INT or other paper charts meeting S-4 0 0 0 0 0 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Inland waterways Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	N/A	
Coastal warnings Avertissements côtiers Avisos costeros	N/A	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	N/A	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	N/A	

# Chad (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	0	0	0	0	0	0
Notes Notes Notas	Inland Waterways						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	N/A	
A1 area Zone A1 Zona A1	N/A	
A2 area Zone A2 Zona A2	N/A	
A3 area Zone A3 Zona A3	N/A	
NAVTEX NAVTEX NAVTEX	N/A	
Safety NET Safety NET Safety NET	N/A	

### Chad (G)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Approaches and Ports Offshore passage Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 0 0 0 0 0 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Inland waterways Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status

ivavigational information	Status	Hotes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	N/A	
Coastal warnings Avertissements côtiers Avisos costeros	N/A	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	N/A	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	N/A	

# Chile (C2)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydro Cobertura hidrog	ographique rráfica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
<mark>%</mark> C	Adequately surveyed Correctement hydrographié Adecuadamente levantado	27	18	55	10	10	80	
R   N   R   N   N   N   J   N   N   N   N   N   N	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Namais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas		•						
Tivias								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	YES	

## Chile (C2)

Nautical charting / Cartographie marine / Cartografia náutica

Avisos costeros NAVAREA warnings

Avertissements NAVAREA Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades YES

YES

Coverage of charts published Couverture des cartes publiées Cobertura de cartas publicadas		Navi	Offshore passage Navigation au large Pasaje offshore			Landfall and Coastal passage Atterrissage et navigation côtière Recalada y Pasaje costero			Approaches and Por Approches et ports Aproches y puertos		
Covered by INT or other paper Couvert par des cartes papier	INT ou autres conformes S-4	8	8	16	18	0	42	74	0	42	
Covered by RNC meet Couvert par des RNC Cubiertas por RNC cu Covered by ENC meet Couvert par des ENC Cubiertas por ENC cu Paper charts showing depth in meters Cartes papier avec les profondeurs en mètres Cartas de papel con profundidades en metros Notes Notes Notas  Main deficiencies in cov	cing S-61 conformes S-61 ampliendo S-61 ing S-57 conformes S-57 mpliendo S-57  Paper charts reference Cartes papier rapporté satellitaire Cartas de papel referid	es à un systè as a un datur	ne géodésiqu n satelital		5	Origen de	es donnée e los datos		RNC	ENC	
Maritima Cafatu Information / Dom.	nonto cum lo colomitá '''	m o / T £		obus -	ا - امشر						
Maritime Safety Information / Renseignen  Navigational information Informations nautiques	nents sur la sécurité maritin Status Status	me / Info	rmación s	sobre seg	uridad m Note Note	es					
Información náutica	Estado Estado				Nota						
Local warnings					- 10						
Avertissements locaux Avisos locales	YES										
Coastal warnings	VEC										

# Chile - Easter I & Salay-Gomez (C2)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	pmic surveying / Leves nydrographiques / Levantamientos r werage ire hydrographique a hidrográfica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
-	Adequately surveyed Correctement hydrographié	100	0	0	100	0	0	
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes		1			l			
Notas								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	NO	

# Chile - Easter I & Salay-Gomez (C2)

Nautical chart	ting / Cartographie marine /	Cartograf	fia náutica									
Coverage of charts published Couverture des cartes publiées			Offshore passage Navigation au large				and Coasta		Approaches and Ports Approches et ports			
Cobertura de cartas publicadas			Pasaje offshore			Recalada y Pasaje costero			Aproches y puertos			
%	Covered by INT or other paper charts meeting S-4				0	0	1	0	0	5	0	0
%	Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57											
	Cubiertas por ENC cu	umplien		INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Cartes papier a Cartas de papel	owing depth in meters vec les profondeurs en mètres con profundidades en metros		Paper charts referenced Cartes papier rapportée satellitaire Cartas de papel referida	es à un systè	me géodésiqu	ie	5		ce es données e los datos			
Notes Notes Notas												

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	(Modified).
Coastal warnings Avertissements côtiers Avisos costeros	YES	Coastal Station Valparaiso Radio (Modified).
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Coastal Station Valparaiso Radio (Modified).
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	

# Chile - Islas Juan Fernandez (C2)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	pmic surveying / Leves nydrographiques / Levantamientos r werage ire hydrographique a hidrográfica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Pro	Depth > 200n ofondeur > 20 fundidad > 2	00m
-	Adequately surveyed Correctement hydrographié	100	0	0	100	0	0
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes		1			l		
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	Coastal Station Valparaiso Radio (Modified).
Zona A3		
NAVTEX		
NAVTEX	YES	Coastal Station Valparaiso Radio (Modified).
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

# Chile - Islas Juan Fernandez (C2)

Nautical chart	ting / Cartographie marine /	Cartograf	ïa náutica									
Coverage of cl	harts published			Offshore passage			Landfall and Coastal passage			Approaches and Ports		
	es cartes publiées			Navigation au large			Atterrissage et navigation côtière			Approches et ports		
Cobertura de cartas publicadas			Pasaje offshore			Recalada y Pasaje costero			Aproches y puertos			
%	Covered by INT or other paper charts meeting S-4			0	0	0	0	0	0	4	0	4
% Paper charts sh Cartes papier a	Couvert par des cartes papie Cubiertas por cartas de pape Covered by RNC mee Couvert par des RNC Cubiertas por RNC cu Covered by ENC mee	r INT ou au I INT o otra ting S-61 conforn umplience ting S-57 conforn	atres conformes S-4 as cumpliendo S-4  I nes S-61 do S-61 7 nes S-57	INT to a satellit s à un systè	RNC e datum me géodésiqu	ENC	INT	RNC Data sour Source de	ENC	INT	RNC	ENC ENC

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	Coastal Station Valparaiso Radio (Modified).
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Coastal Station Valparaiso Radio (Modified).
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

# Chile - Islas San Ambrosio & San Felix (C2)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	pmic surveying / Leves nydrographiques / Levantamientos r werage ire hydrographique a hidrográfica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Pro	Depth > 200n ofondeur > 20 fundidad > 2	00m
-	Adequately surveyed Correctement hydrographié	100	0	0	100	0	0
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes		1			l		
Notas							

GMDSS implementation	Status	Notes			
Mise en œuvre du SMDSM Status		Notes			
Implementación SMSSM	Estado	Notas			
Master plan Plan cadre Plan principal	NO				
A1 area Zone A1 Zona A1	NO				
A2 area Zone A2 Zona A2	YES	Coastal Station Valparaiso Radio (Modified).			
A3 area Zone A3 Zona A3	YES	Coastal Station Valparaiso Radio (Modified).			
NAVTEX NAVTEX NAVTEX	NO				
Safety NET Safety NET Safety NET	NO				

# Chile - Islas San Ambrosio & San Felix (C2)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Approaches and Ports Offshore passage Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 0 0 0 0 0 0 2 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT INT **RNC ENC** INT **RNC ENC RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	YES	Coastal Station Valparaiso Radio (Modified).
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Coastal Station Valparaiso Radio (Modified).
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	

## China - (including Hong Kong and Macau SAR) (K)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur > 200mCouverture hydrographique Profondeur < 200m Cobertura hidrográfica Profundidad < 200mProfundidad > 200mAdequately surveyed 0 2 99 1 98 0 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente **Notes** Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	YES	
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

## China - (including Hong Kong and Macau SAR) (K)

Nautical charting / Cartographie marine / Cartografia náutica

Avertissements côtiers

Avertissements NAVAREA Avisos NAVAREA

Information on ports and harbours

Information sur les ports et rades Información sobre puertos

Avisos costeros NAVAREA warnings YES

YES

YES

Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC **RNC ENC** INT **RNC ENC** INT **RNC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes **Informations nautiques** Status Notes Información náutica Estado Notas Local warnings YES Avertissements locaux Avisos locales Coastal warnings

## Colombia - INT Region B (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m Depth > 200m Couverture hydrographique Profondeur < 200mProfondeur > 200mCobertura hidrográfica Profundidad < 200m Profundidad > 200m Adequately surveyed 98 82 1 17 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés

	Requiere nuevo levantamiento  Never systematically surveyed  Jamais hydrographié systématiquement Nunca levantado sistemáticamente	
Notes		
Notes Notas		

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	In coordination with NAVAREA IV
Zona A3		
NAVTEX		
NAVTEX	YES	In coordination with NAVAREA IV
NAVTEX		
Safety NET		
Safety NET	YES	In coordination with NAVAREA IV
Safety NET		

# Colombia - INT Region B (B)

Nautical cl	harti	ng / Cartographie marine /	Cartograf	fia náutica									
Couvertur	e des	arts published cartes publiées artas publicadas			Offshore passage Navigation au large Pasaje offshore			Landfall and Coastal passage Atterrissage et navigation côtière Recalada y Pasaje costero			Approaches and Ports Approches et ports Aproches y puertos		
	Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4			100	0	100	100	0	100	100	0	100	
	% %	Covered by RNC mee Couvert par des RNC Cubiertas por RNC c Covered by ENC mee Couvert par des ENC Cubiertas por ENC c	eting S-6 C conform umpliend eting S-5 C conform	1 mes S-61 do S-61 7 mes S-57									
Cartes papi	er ave	wing depth in meters ec les profondeurs en mètres con profundidades en metros	100 %	Paper charts referenced Cartes papier rapportée satellitaire Cartas de papel referida	s à un systèr	ne géodésiqu	ENC ue 1	00 %	RNC Data sour Source de Origen de	es données		RNC	ENC
Notes Notes Notas													

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	In coordination wIth NAVAREA IV
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

# Colombia - INT Region C2 (C2)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	pmic surveying / Leves nydrographiques / Levantamientos r werage ire hydrographique a hidrográfica	Pro	Depth < 200n ofondeur < 20 ofundidad < 2	00m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	85	3	12	22	0	78	
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes		1			l			
Notas								

GMDSS implementation	Status	Notes					
Mise en œuvre du SMDSM	Status	Notes					
Implementación SMSSM	Estado	Notas					
Master plan							
Plan cadre	YES						
Plan principal							
A1 area							
Zone A1	YES						
Zona A1							
A2 area							
Zone A2	YES						
Zona A2							
A3 area							
Zone A3	Partial	In coordination with NAVAREA 12					
Zona A3							
NAVTEX							
NAVTEX	YES	In coordination with NAVAREA 12					
NAVTEX							
Safety NET							
Safety NET	YES	In coordination with NAVAREA 12					
Safety NET							

# Colombia - INT Region C2 (C2)

Nautical chart	ing / Cartographie marine /	Cartograf	ia náutica									
Coverage of charts published Couverture des cartes publiées			Offshore passage Navigation au large			Atterrissa	ll and Coasta age et navigat	ion côtière	Approaches and Ports Approches et ports			
Cobertura de	obertura de cartas publicadas			Pasaje offshore			Recalada y Pasaje costero			Aproches y puertos		
%	Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4		100	0	100	100	0	100	100	0	100	
%	Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57			INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
-	owing depth in meters		Paper charts referenced Cartes papier rapportée					Data sour				
	vec les profondeurs en mètres		satellitaire	s a un systei	ne geodesiqi	ie	100 %	Source des données				
	con profundidades en metros		Cartas de papel referida	s a un datui	n satelital			Origen de	los datos	8		
Notes												
Notes												

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	In coordination with NAVAREA XII
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

### Comoros (H)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
-	Adequately surveyed Correctement hydrographié Adecuadamente levantado	26	8	66	35	0	65	
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes		I						
Notas								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	NO	Planned
Zona A1		
A2 area		
Zone A2	NO	Planned
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	YES	NAVAREA VII messages
Safety NET		

#### Comoros (H)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 20 20 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT INT **RNC ENC** INT **RNC ENC RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	via NAVAREA VIII Coordinator
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Passed to France (SHOM).

# Congo (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	3	4	93	89	0	11	
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes		I						
Notas								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	Data derived from EatHC technical visit.
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

#### Congo (G)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes 1. Data provided by France according to FR-CG bilateral agreement. Notes 2. Medium scale coverage done by GB306. Notas 3. Data derived from EAtHC visit.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Partial	Only for Pointe Noire.
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	trough NAVAREA II
Information on ports and harbours Information sur les ports et rades Información sobre puertos		Only for Pointe Noire.

#### Cook Islands (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié	71	29	0	0	20	80	
Adecuadamente levantado  Re-survey required  Nécessitant de nouveaux levés  Requiere nuevo levantamiento							
Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							

#### Notes Notes Notas

- 1. Data provided by New Zealand.
- 2. In general, depths > 200m are attained very close to the island and fringing reefs. There is no current priority to survey depths > 200m.
- 3. The cruise industry has raised concerns for safety of navigation in these areas.
- 4. The interisland routes are inadequately surveyed. These routes require surveying to modern standards to meet the needs of contemporary shipping.

GMDSS i	mplementation	Status	Notes
Mise en œuvre du SMDSM		Status	Notes
Implemen	tación SMSSM	Estado	Notas
	Master plan	NO	
	Plan cadre	NO	
	Plan principal		
	A1 area		
	Zone A1	NO	
	Zona A1		
	A2 area		
	Zone A2	NO	
	Zona A2		
	A3 area		
	Zone A3	NO	
	Zona A3		
	NAVTEX		
	NAVTEX	NO	
	NAVTEX		
	Safety NET		
	Safety NET	NO	Through NAVAREA XIV
	Safety NET		

## Cook Islands (L)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 0 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT RNC **ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique New Zealand Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Partial	Provided by Ministry of Transport
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Through our NAVAREA XIV
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Partial	Changed passed to charting authority (NZ)

### Costa Rica (B)

urvey coverage Couverture hydrographique Cobertura hidrográfica	Pro	Depth < 200m ofondeur < 200m fundidad < 200m	Pr	Depth > 200m ofondeur > 200m ofundidad > 200m
Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiqueme Nunca levantado sistemáticamente	10	90	5	95
2. Top priority is modern survey of the state of the stat		-	ris Shoal, requ	ire investigation.

	mplementation	Status	Notes
Mise en œuvre du SMDSM		Status	Notes
Impleme	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	NO	Data provided by UK.
	A1 area Zone A1 Zona A1	NO	Data provided by UK.
	A2 area Zone A2 Zona A2	NO	Data provided by UK.
	A3 area Zone A3 Zona A3	NO	Data provided by UK.
	NAVTEX NAVTEX NAVTEX	NO	Data provided by UK.
	Safety NET Safety NET Safety NET	NO	Data provided by UK.

#### Costa Rica (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Approaches and Ports Offshore passage Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Data source Paper charts showing depth in meters Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	Data provided by UK.
Coastal warnings Avertissements côtiers Avisos costeros	NO	Data provided by UK.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	A NO	Data provided by UK.
Information on ports and har Information sur les ports et r Información sobre puertos		Data provided by UK.

# Côte d'Ivoire (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamien  Survey coverage  Couverture hydrographique  Cobertura hidrográfica	Depth < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié	2	18	80	30	6	64	
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas	1						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1		
Zona A1		
A2 area		
Zone A2		
Zona A2		
A3 area		
Zone A3		
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

#### Côte d'Ivoire (G)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 67 67 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes 1. Data provided by France, courtesy of Côte d'Ivoire. Notes 2. Large scale: missing coverage on Sassandra and Grand Béréby. San Pedro coverage done by Notas GB3099. 3. Data derived from EAtHC visit.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Unknown	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA		
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Unknown	

### Croatia (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	Hydrographic surveying / Levés hydrographiques / Levantamientos   Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié	53	32	15	5	13	82		
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente								
Notes Notes		1		1					
Notas									

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		Described in "Radioslu?ba za pomorce", published by
Plan cadre	YES	
Plan principal		Hydrographic Institute of the Republic of Croatia. Last edition 2024.
A1 area		
Zone A1	YES	MRCC Rijeka
Zona A1		
A2 area		
Zone A2	YES	MRCC Rijeka
Zona A2		3
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		NAVTEX Service Area, MSI via split (Q) NAVTEX station.
NAVTEX	YES	1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
NAVTEX		National NAVTEX (490kHz) via SPLIT (F) NAVTEX station i.
Safety NET		
Safety NET	NO	
Safety NET		

#### Croatia (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 4 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 RNC ENC INT **RNC ENC** INT **RNC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source RNCs covering Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 88 % Source des données satellitaire the Croatian Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos

Notes Notes Notas Passage and coastal area as well as principal (hub) and feeder ports are fully covered by ENCs (UB1 to UB6). The majority of the plans of small ports and marinas from the paper edition were also issued as ENCs.RNCs covering the Croatian area of responsibility are available from UKHO ARCS according to the bilateral agreement. CHI distributes izs ENCs through the PRIMAR RENC. Currently 316 ENCs are available.

The total indicated percentage of paper charts referenced to a satellite datum includes charts issued only referenced to a satellite datum (42,5%), the charts with double grid (17,5%), as well as paper charts with the indication of correction value for the position obtained by satellite (40%)."

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	Three Croatian coastal radio stations via VHF System in English and Croatian language; Internet: https://www.hhi.hr/ https://www.hhi.hr/e-servisi/navigacijski-radiooglasi
Coastal warnings Avertissements côtiers Avisos costeros	YES	NAVTEX via SPLIT (Q) NAVTEX station. National NAVTEX (490 kHz) via SPLIT (F) NAVTEX.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Via NAVAREA III Coordinator, Spain
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Changes to ports and harbours passed from the Port Authority to the CHI for assessment and promulgation.

### Cuba (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

	overage ire hydrographique ra hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié	96	0	4	91	0	9
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	1. MBES survey of port and approches are in survey with SBES.	n progress	. 2. AII a	areas deepe	er than 200	Jm have t	een

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	There aren´t "NAVTEX" radio station.
Safety NET Safety NET Safety NET	NO	

#### Cuba (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 0 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes 1. Cuba has 223 titles of nautical charts and similar in Raster Nautical Charts. 2. To date, it has Notes produced 92 electronic cells, of which 76 cells are distributed by IC-ENC and 16 cells are in the Notas validation process.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	YES	Coastal Nautical Warnings are transmitted by a non-NAVTEX station
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	There are not "NAVTEX" radio station. For this reason, the Navigational Warnings based on the IMO S-53 standard are sent by email to the coordinator of the maritime geographic region "NAVAREA IV".
Information on ports and harbours Information sur les ports et rades Información sobre puertos		

# Cyprus (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamientos Survey coverage Couverture hydrographique Cobertura hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié	57	43	0	0	0	100
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Area up to 200m depth: An area of about 12 continuing illegal, military occupation of 36	_			-	ecause of	the

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	GISIS module on the GMDSS Master Plan
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	YES	RANGE 200 NM
NAVTEX		
Safety NET		
Safety NET	YES	SAR
Safety NET		

#### Cyprus (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 RNC ENC **RNC ENC** INT **RNC ENC** INT INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source UK, Cyprus Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire collaboration Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes For the time being Cyprus does not produce ENCs. The Republic of Cyprus has authorised the UKHO Notes to produce on its behalf ENCs (11 cells) and other nautical publications that cover the maritime zones **Notas** of Cyprus. Any other ENCs produced by a third party, in relation to the maritime zones of the island, and, in particular, the ENCs produced by Turkey in relation to the maritime zones of Cyprus, north of the island, are being produced without the consent of the Republic of Cyprus, thus, illegally, and may not, therefore, be deemed as official.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	VTS LIMASSOL PORT

### Czech Republic (E)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	0	0	0	0	0	0
Notes Notes Notas	Inland Waterways						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	N/A	
A1 area Zone A1 Zona A1	N/A	
A2 area Zone A2 Zona A2	N/A	
A3 area Zone A3 Zona A3	N/A	
NAVTEX NAVTEX NAVTEX	N/A	
Safety NET Safety NET Safety NET	N/A	

#### Czech Republic (E)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 0 0 0 0 0 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **ENC** INT **RNC ENC** INT **RNC ENC RNC** Paper charts referenced to a satellite datum Data source Paper charts showing depth in meters Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	N/A	
Coastal warnings Avertissements côtiers Avisos costeros	N/A	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	N/A	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	N/A	

# Democratic People's Republic of Korea (K)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m Depth > 200m Couverture hydrographique Profondeur < 200mProfondeur > 200mCobertura hidrográfica Profundidad < 200m Profundidad > 200m Adequately surveyed 80 0 55 20 25 20 Correctement hydrographié Adecuadamente levantado

	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	
Notes		
Notes		
Notas		
l		

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	NO	

# Democratic People's Republic of Korea (K)

Nautical charting / Cartographie marine / Cartografia náutica

Coverage of charts published Couverture des cartes publiées				Offshore passage Navigation au large  Landfall and Coastal passage Atterrissage et navigation côtière			Approaches and Ports Approches et ports					
Cobertura	Cobertura de cartas publicadas			Pas	saje offsh	ore	Recala	da y Pasaje	costero	Apro	ches y pu	ertos
	Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conform Cubiertas por cartas de papel INT o otras cumpliend		onformes S-4	100	0	100	100	0	100	100	0	100
	Covered by RNC	meeting S-61										
	Couvert par des I Cubiertas por RN											
	Covered by ENC	_										
	Couvert par des I Cubiertas por EN		IC conformes S-57			FNIG			FILE			FNIG
Paner char	ts showing depth in meters		charts referenced	INT to a satellite	RNC	ENC	INT	RNC Data sour	ENC	INT	RNC	ENC
Cartes pap	ier avec les profondeurs en mè papel con profundidades en me	satellit	papier rapportée aire de papel referida			ie		Source de Origen de	s données			
Notes												
Notes Notas												
Maritima	Safaty Information / Da	nianamanta ave la c-f-	mritá mariti-	na / Infa	masión	nobra sa -	uridad	narítima				
	Safety Information / Rense nal information	Status	urite maritin	ne / mioi	macion s	soure seg	uridad n <b>Not</b>					
Informati	ons nautiques	Status					Note					
F	ón náutica	Estado					Nota	as				
	Local warnings Avertissements locaux Avisos locales	Unknown										
Ē	Coastal warnings											

Unknown

Unknown

Unknown

Avertissements côtiers Avisos costeros NAVAREA warnings

Avertissements NAVAREA Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades

### Democratic Republic of the Congo (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié	0	100	0	0	0	100
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						

#### Notes Notes Notas

- 1. Data derived from EAtHC technical visit.
- 2. A routine resurvey programme is needed in the mouth of the River Congo and in the river channels to matadi and Boma.
- 3. Depths fall away quickly beyonf the edge of the shelf on the flanks of the River Congo, and there are no dangers to surface navigation. However survey information is required for the extensive offshore installations so that they can be charted to ensure safe navigation in their vicinity.

GMDSS i	implementation	Status	Notes
Mise en œuvre du SMDSM		Status	Notes
Implemen	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	NO	Data derived from EAtHC technical visit.
	A1 area Zone A1 Zona A1	NO	Data derived from EAtHC technical visit.
	A2 area Zone A2 Zona A2	NO	Data derived from EAtHC technical visit.
	A3 area Zone A3 Zona A3	NO	Data derived from EAtHC technical visit.
	NAVTEX NAVTEX NAVTEX	NO	Data derived from EAtHC technical visit.
	Safety NET Safety NET Safety NET	NO	Data derived from EAtHC technical visit.

#### **Democratic Republic of the Congo (G)**

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 0 100 100 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes 1. Data derived from EAtHC technical visit. Notes 2. No charts are on WGS 84 datum. Notas 3. Medium scale coverage needs modernisation.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Partial	Data derived from EAtHC technical visit.
Coastal warnings Avertissements côtiers Avisos costeros	NO	Data derived from EAtHC technical visit.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	Data derived from EAtHC technical visit.
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Partial	Data derived from EAtHC technical visit.

### Denmark (D)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	pmic surveying / Leves nydrographiques / Levantamientos r werage ire hydrographique a hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
-	Adequately surveyed Correctement hydrographié	100	0	0	100	0	0
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes		1			l		
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre	YES	
Plan principal	1123	
A1 area Zone A1	YES	
Zona A1	I ES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

### Denmark (D)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	N/A	Internet www.dma.dk. 'SejlSikkert' App. Danish Longwave Radio 243kHz. Navigational Warnings via Lyngby Radio VHF.
Coastal warnings Avertissements côtiers Avisos costeros	N/A	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	N/A	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	N/A	

### $\ \, \textbf{Denmark - Faroe Islands} \, (\textbf{N}) \\$

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m	Depth > 200m Profondeur > 200m Profundidad > 200m
	Adequately surveyed Correctement hydrographié Adecuadamente levantado		
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento		
	Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente		
Notes Notes Notas	Figures and illustrations not available due to	o calculation method being 1	revised.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	NO	

# Denmark - Faroe Islands (N)

Coverage of charts published Couverture des cartes publiées Cobertura de cartas publicadas		Offshore passage Navigation au large Pasaje offshore			Landfall and Coastal passage Atterrissage et navigation côtière Recalada y Pasaje costero			Approaches and Ports Approches et ports Aproches y puertos				
%	Covered by INT or other pa Couvert par des cartes papie Cubiertas por cartas de papi	er INT ou a	utres conformes S-4	100		100	100		100	100		100
%		y RNC meeting S-61 ar des RNC conformes S-61 por RNC cumpliendo S-61										
%	Couvert par des ENC	_										
	Cubiertas por ENC c			INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Cartes papier av	wing depth in meters ec les profondeurs en mètres con profundidades en metros	100 %	Paper charts referenced Cartes papier rapportées satellitaire Cartas de papel referida	s à un systèi	ne géodésiqu	e 1	00 %	Data source Source des Origen de	s données			

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	Torshavn Radio VHF.
Coastal warnings Avertissements côtiers Avisos costeros	YES	Navigational warnings via Torshavn Radio MF. NAVTEX via Faroe Island transmitting station.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	Navarea 1 Coordinator
Information on ports and harbours Information sur les ports et rades Información sobre puertos		Danish Notice to Mariners (EfS).

#### Denmark - Greenland - INT Region D (D)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200n ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié	25	25	50	20	10	70	
Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							

Notes Notes Notas The coastline of Greenland is very complex and the total sea area of the EEZ is ca. 2.000.000 square kilometres. Due to permanent ice cover, the limit for navigable waters has been set to 75 degrees northern latitude. Thus the percentages are rough approximations. The East coast is sparsely populated and only surveyed near populated areas. A prioritised programme is in force to resurvey navigable routes to and between populated areas on the West Coast of Greenland, to modern standards.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	YES	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

### Denmark - Greenland - INT Region D (D)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Approaches and Ports Offshore passage Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 4 4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT INT **RNC ENC** INT **RNC ENC RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes New charts referes to a satellite datum. Notes Notas

Navigational information	Status	Notes					
Informations nautiques	Status	Notes					
Información náutica	Estado	Notas					
Local warnings Avertissements locaux	YES	KalaallitNunaata Radio (KNR). Navigational warnings via Aasiaat					
Avisos locales	1123	Radio VHF. Arctic web https://arcticweb-test.e-navigation.net/.					
Coastal warnings Avertissements côtiers	YES	Navigational warnings via Aasiaat Radio MF. NAVTEX via					
Avisos costeros	1123	Greenland and Iceland.					
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	Navarea I, IV, XIX and XVIII Coordinators					
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Danish Notice to Mariners (EfS).					

### Denmark - Greenland - INT Region N - East Coast (N)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur < 200m Profondeur > 200mCouverture hydrographique Cobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 0 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre		
Plan principal		
A1 area		
Zone A1		
Zona A1		
A2 area		
Zone A2		
Zona A2		
A3 area		
Zone A3		
Zona A3		
NAVTEX		
NAVTEX		
NAVTEX		
Safety NET		
Safety NET		
Safety NET		

### Denmark - Greenland - INT Region N - East Coast (N)

Nautical cl	narting / Cartographie marine /	Cartografia náutica									
	of charts published	Cartograna nautica	Off	shore pass	sage	Landfa	ll and Coasta	ıl nassage	Appro	aches an	d Ports
	e des cartes publiées			gation au		Atterriss	age et naviga	tion côtière		roches et	
Cobertura	de cartas publicadas		Pa	saje offsh	ore	Recal	ada y Pasaje	costero	Apro	ches y p	uertos
	Covered by INT or other pap Couvert par des cartes papier Cubiertas por cartas de papel	INT ou autres conformes			100						
	Covered by RNC meet Couvert par des RNC Cubiertas por RNC cu Covered by ENC meet Couvert par des ENC Cubiertas por ENC cu	ting S-61 conformes S-61 impliendo S-61 ting S-57 conformes S-57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Papar charte		Paper charts refere			LINC	1111	Data sour		1111	KINC	LIVE
	s showing depth in meters er avec les profondeurs en mètres	100 % Cartes papier rapp			e		Source de		,		
	apel con profundidades en metros	satellitaire Cartas de papel rei	feridas a un datu	m satelital			Origen de				
Notes ]	New charts referes to a				-	l	g w-		1		
Notes	row charts refered to a	satemit datum.									
Notas											
Maritime S	Safety Information / Renseigner	nents sur la sécurité ma	ritime / Info	rmación s	obre seg	guridad r	<u>narí</u> tima				
Navigation	al information	Status				Not	tes				
	ns nautiques	Status				Not					
Informació		Estado				Not	as				
	Local warnings Avertissements locaux Avisos locales										
1	Coastal warnings										
1	Avertissements côtiers										
	Avisos costeros										

NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA

Information on ports and harbours Information sur les ports et rades Información sobre puertos

### Denmark - Greenland - INT Region N - West Coast (N)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur < 200m Profondeur > 200mCouverture hydrographique Cobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 0 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	N/A	
A1 area Zone A1 Zona A1	N/A	
A2 area Zone A2 Zona A2	N/A	
A3 area Zone A3 Zona A3	N/A	
NAVTEX NAVTEX NAVTEX	N/A	
Safety NET Safety NET Safety NET	N/A	

#### Denmark - Greenland - INT Region N - West Coast (N)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 50 50 50 50 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Greenland West Coast includes INT Region N and INT Region A. Notes Notas New and some old charts referes to a satellite datum.

Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes Informations nautiques Status Notes Información náutica Estado Notas Local warnings N/A **Avertissements locaux** Avisos locales Coastal warnings Avertissements côtiers N/A Avisos costeros **NAVAREA** warnings N/A Avertissements NAVAREA Avisos NAVAREA Information on ports and harbours Information sur les ports et rades N/A

Información sobre puertos

# $Djibouti \ (J)$

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	Hydrographic surveying / Levés hydrographiques / Levantamientos hi Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200n ofondeur < 20 fundidad < 20	00m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	23	53	24	94	0	6	
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas	Data provided by France according to FR-D	J Technica	al Agreem	nent signed	l on Octob	er 4th 20	06.	

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan	TIPO	
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	NO	Planned
Zona A1		
A2 area		
Zone A2	NO	Planned
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

# Djibouti (J)

Nautical charting / Cartographie marine / Cartografia náutica  Coverage of charts published  Couverture des cartes publiées  Cobertura de cartas publicadas			Offshore passage Navigation au large Pasaje offshore			Landfall and Coastal passage Atterrissage et navigation côtière Recalada y Pasaje costero			Approaches and Ports Approches et ports Aproches y puertos		
	Covered by INT or other paper char Couvert par des cartes papier INT of Cubiertas por cartas de papel INT o	autres conformes S-4	100	0	0	100	0	100	81	0	50
	Covered by RNC meeting S Couvert par des RNC confo Cubiertas por RNC cumplic Covered by ENC meeting S Couvert par des ENC confo	-61 ormes S-61 endo S-61									
	Cubiertas por ENC cumplio		INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Cartes papi	ts showing depth in meters der avec les profondeurs en mètres dapel con profundidades en metros	Paper charts referenced	to a satellite s à un systèn	datum ne géodésiqu		·	Data sour Source de Origen de	ce s données		KINC	ENC
Notes	1. Data provided by France a	according to FR-	-DJ bil	ateral	agreei	ment.					
Notes Notas	2. Small scale ENC coverage	e ensured by GE	S ENC	S.							

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Unknown	
Coastal warnings Avertissements côtiers Avisos costeros	Unknown	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	A system exists for information on changes in ports and harbours to be passed to the charting authority.

### Dominica (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m					
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	9	2	89	0	0	100			
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento									
	Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente									
otes otes	0-200m No survey 89%	1		'	•					
otas	No survey 69%									
	>200m									
	No survey 100%									
	The shelf area is very narrow and the appro	aches to th	ne main po	orts are cov	vered by n	nodern su	rveys			
		aches to th	ne main po	orts are cov	vered by n	nodern su	rveys			

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

### Dominica (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Aproches y puertos Cobertura de cartas publicadas Pasaje offshore Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 50 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT ENC **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données UK satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Medium scale coverage is now provided by INT 4184 (chart 1042) published by France. New edition Notes 697 Dec 2019 including two new full seafloor survey areas. Panel, Woodbridge Bay extended to cover Notas pilot boarding point. LIDAR survey received 2019 and given CATZOC B but not yet fully included in the charting. Paper Chart new editions to be published 2025.

Navigational information		Status	Notes
Informations nautiques		Status	Notes
Información náutica		Estado	Notas
Local war Avertisser Avisos loc	ments locaux	Unknown	NMCC VHF? - ALRS and GISIS hold no information regarding this service?? ALRS holds info on Met and Nav Warning broadcasts made only by a commercial radio station DBS Radio
Coastal w Avertisser Avisos cos	ments côtiers	Unknown	
	EA warnings ments NAVAREA AVAREA	Unknown	
Informatio	on on ports and harbours on sur les ports et rades ón sobre puertos	Unknown	

# **Dominican Republic (B)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	pmic surveying / Leves nydrographiques / Levantamientos r werage re hydrographique a hidrográfica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié	70	30	0	70	30	0
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	Todas nuestras areas están levantadas y algu-	inas requie	eren actua	lización			

GMDSS	implementation	Status	Notes
Mise en œuvre du SMDSM		Status	Notes
Impleme	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	NO	Nos encontramos en proceso de la estructuración del plan maestro.
	A1 area Zone A1 Zona A1	NO	
	A2 area Zone A2 Zona A2	NO	
	A3 area Zone A3 Zona A3	NO	
	NAVTEX NAVTEX NAVTEX	NO	Nos encontrámos realizando las coordinaciones para la implementación de este sistema para la ayuda a la navegación.
	Safety NET Safety NET Safety NET	NO	

#### **Dominican Republic (B)**

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 80 0 85 80 0 85 80 85 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT RNC **ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Propios y bajo la Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 80 % Source des données satellitaire cooperación de Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Nos encontramos en las coodinaciones para las actualizaciones de las cartas de aproximaciones y los Notes portulanos pendientes. Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux	YES	A través de la plataforma del Comando Naval de Capitanía de
Avisos locales	1125	Puertos y Autoridad Marítima.
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	A través de la coordinación de la zona IV.
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	A través de diversas comunicaciones: avisos a los navegantes y el Derrotero de la República Dominicana.

# Ecuador (C2)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	apnic surveying / Leves nydrographiques / Levantamientos r overage ure hydrographique ra hidrográfica	Pr	Depth < 200n ofondeur < 20 ofundidad < 20	00m	Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié	1	1	98	30	5	65
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	Data from the last 20 years						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	By Dirección de la Marina Mercante.
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	Partial	Implementation in progress
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

# Ecuador (C2)

Nautical char	rting / Cartographie marine / C	Cartografia náu	tıca									
Coverage of charts published		Offshore passage Landfall and Coastal passage					Approaches and Ports					
Couverture des cartes publiées Cobertura de cartas publicadas		0			Atterrissage et navigation côtière Recalada y Pasaje costero			Approches et ports Aproches y puertos				
Cobertura de	rtura de cartas publicadas		Pasaje offshore		recuiada y rasaje costero		Aproches y puertos		ertos			
		Covered by INT or other paper charts meeting S-4		100		34	70		70	50		45
9/				100		54	/0		70	30		73
	Cubiertas por cartas de papel	INT o otras cum	pliendo S-4			1				1		
	Covered by RNC meet	ing S-61										
9/0	· ·	_	(1									
	•											
	Cubiertas por RNC cu	mpiiendo S-0	01									
	Covered by ENC meet	ing S-57										
9/	Couvert par des ENC	conformes S-	.57									
	Cubiertas por ENC cu			INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Papar abarts s	howing depth in meters		harts referenced			ENC		Data sour		1111	KNC	ENC
		100 % Cartes	papier rapportée			ıe			s données		Ecuado	or.
	el con profundidades en metros	Sutcinta	iire de papel referida	ıs a un datun	n satelital				los datos		Leada	<i>3</i> 1
Notes	_					<u> </u>		8				
Notes												
Notas												
Hotas												
Maritime Sat	fety Information / Renseignen	nents sur la séc	urité maritin	ne / Infor	mación s	sobre seg	guridad ma	arítima				
Navigational		Status					Note					
Informations		Status					Notes	s				
Información náutica Estado					Notes	C						

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

# **Ecuador - Galapagos Islands (C2)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Profond	h < 200m leur < 200m idad < 200m	Pro	Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	The archipelago is included in the assessment	nt for Ecuador					

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	By Dirección de la Marina Mercante.
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	Partial	Implementation in progress.
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

## Ecuador - Galapagos Islands (C2)

Nautical charting / Cartographie marine / Cartografia náutica

Avertissements côtiers

Avertissements NAVAREA Avisos NAVAREA

Information on ports and harbours

Information sur les ports et rades Información sobre puertos

Avisos costeros NAVAREA warnings YES

NO

YES

Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **RNC ENC** INT **RNC ENC** INT **RNC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes The archipelago is included in the figures for Ecuador above. Additional paper coverage, not Notes complying with M4, raises the percentages to 100/75/79. Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes Informations nautiques Status Notes Información náutica Estado Notas Local warnings YES **Avertissements locaux** Avisos locales Coastal warnings

# Egypt (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	pmc surveying / Leves nydrographiques / Levantamientos n werage re hydrographique a hidrográfica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	70	20	10	80	20	0	
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes		I						
Notas								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan	NO	All Egyptian vessels comply with the IMO recommendations
Plan cadre Plan principal	NO	regarding the GMDSS implementation
A1 area	110	All Egyptian vessels comply with the IMO recommendations
Zone A1 Zona A1	NO	regarding the GMDSS implementation
A2 area	NO	All Egyptian vessels comply with the IMO recommendations
Zone A2 Zona A2	NO	regarding the GMDSS implementation
A3 area	NO	All Egyptian vessels comply with the IMO recommendations
Zone A3 Zona A3	NO	regarding the GMDSS implementation
NAVTEX	T/TEG	All Egyptian vessels comply with the IMO recommendations
NAVTEX NAVTEX	YES	regarding the GMDSS implementation
Safety NET	210	All Egyptian vessels comply with the IMO recommendations
Safety NET Safety NET	NO	regarding the GMDSS implementation

## Egypt (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes the 100% coverage above of INT, Local Charts, RNCs and ENCs covering the Egyptian waters Notes include both the EG and Admiralty coverage Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	The Egyptian Authority for Maritime safety EAMS is the responsible body within Egypt that disseminat NAV warnings.
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

## El Salvador (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Pr	Depth < 200m rofondeur < 200m ofundidad < 200m	Pro	Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographic	10	90 0	5	95 0			
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux lev Requiere nuevo levantamien  Never systematically survey Jamais hydrographié systém Nunca levantado sistemática	red natiquement						
Notes Notas  1. Only 2 harbours and 2 app	proaches have been surve	yedAcajutla and La	Union				

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

## El Salvador (B)

	charting / Cartographie marine	e / Cartografia náutica										
	of charts published			Offshore passage			Landfall and Coastal passage			Approaches and Ports		
	re des cartes publiées			_	gation au	_	Atterrissage et navigation côtière Recalada y Pasaje costero			Approches et ports Aproches y puertos		
Cobertura	a de cartas publicadas			Pas	saje offsh	iore	Recara	lua y 1 asaje	Costero	Apro	oches y pu	iertos
	Covered by INT or other p			10	0	0	5	0	0	0	0	0
	% Couvert par des cartes par			10	"					O		
	Cubiertas por cartas de papel INT o otras cumpliendo S-4		ao 5-4	ī				•	•	ı	•	•
	Covered by RNC m	eeting S-61										
	% Couvert par des RN											
	Cubiertas por RNC											
	-	-										
	Covered by ENC m	_										
	% Couvert par des EN											
	Cubiertas por ENC	cumpliendo S-57		INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
	ts showing depth in meters	Paper charts Cartes papier				ne l		Data soui				
	ier avec les profondeurs en mètre	satellitaire							es données			
	papel con profundidades en metro	em im ar pu					['	Origen de	e los datos	3		
Notes	The charts were made	by the former IC	Non Nu	w IGC	IN.							
Notes												
Notas												
Maritime	Safety Information / Renseig	nements sur la sécurité	maritim	ne / Infor	mación	sobre ses	guridad m	narítima				
	nal information	Status					Note					
	ons nautiques	Status					Note					
Informaci	ón náutica	Estado					Nota	as				
	Local warnings	I TITE										
	Avertissements locaux	YES										
-	Avisos locales  Coastal warnings	+										
	Coastai wariiifigs	1										I

YES

Unknown

YES

Avertissements côtiers Avisos costeros NAVAREA warnings Avertissements NAVAREA

Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades

# **Equatorial Guinea (G)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	ppine surveying / Leves nydrographiques / Levantamientos r overage ure hydrographique a hidrográfica	Pro	Depth < 200m fondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	4	6	90	22	2	76	
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas								

<b>GMDSS</b> implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	Data derived from EAtHC technical visit.
A1 area Zone A1 Zona A1	Unknown	Data derived from EAtHC technical visit.
A2 area Zone A2 Zona A2	Unknown	Data derived from EAtHC technical visit.
A3 area Zone A3 Zona A3	Unknown	Data derived from EAtHC technical visit.
NAVTEX NAVTEX NAVTEX	Unknown	Data derived from EAtHC technical visit.
Safety NET Safety NET Safety NET	NO	Data derived from EAtHC technical visit.

#### **Equatorial Guinea (G)**

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Aproches y puertos Cobertura de cartas publicadas Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes 1. Data provided by France, courtesy of Equatorial Guinea. Notes 2. Large scale paper coverage: Missing Bata and Luba, covered by GB1322 and GB1321. Notas 3. Large scale ENC coverage: partially covered by FR and GB. 4. Data derived from EAtHC visit

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	Data derived from EAtHC technical visit.
Coastal warnings Avertissements côtiers Avisos costeros	NO	Data derived from EAtHC technical visit.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	through NAVAREA II
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	Data derived from EAtHC technical visit.

## Eritrea (J)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertur <u>a</u> hidrográfica	Pr	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié	2	0	98	2	0	98	
Adecuadamente levantado  Re-survey required  Nécessitant de nouveaux levés							
Requiere nuevo levantamiento  Never systematically surveyed  Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes 1. Data supplied by UK.	1			1			

#### Notes Notes Notas

2. Apart from the modern survey of the TSS in the N approaches to Bab El Mandeb, and parts of the approaches to Massawa, Asseb and Ghubbet Mus Nefit, soundings are drawn from lead-line surveys and scattered open-line modern surveys.

GMDSS i	mplementation	Status	Notes
Mise en o	euvre du SMDSM	Status	Notes
Impleme	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	NO	Data provided by UK.
	A1 area Zone A1 Zona A1	NO	Data provided by UK.
	A2 area Zone A2 Zona A2	NO	Data provided by UK.
	A3 area Zone A3 Zona A3	NO	Data provided by UK.
	NAVTEX NAVTEX NAVTEX	NO	Data provided by UK.
	Safety NET Safety NET Safety NET	NO	Data provided by UK.

#### Eritrea (J)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 50 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % UK Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes 1. Figures supplied by UK. Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	Data provided by UK.
Coastal warnings Avertissements côtiers Avisos costeros	NO	Data provided by UK.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	Data provided by UK.
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	Data provided by UK.

# Estonia (E)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamientos Survey coverage  Couverture hydrographique  Cobertura hidrográfica		Pre	Depth < 200n ofondeur < 20 ofundidad < 2	00m	Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié	75	25	0		100	
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	Estonia has no deep water (>200m)						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	See National Report of Estonia
Plan principal		•
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	YES	Through NAVTEX Co-ordinator for the Baltic Sea area
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

# Estonia (E)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux YES		National navigational warnings web application
Avisos locales	1125	https://gis.vta.ee/navhoiatused/en.html
Coastal warnings Avertissements côtiers	YES	National navigational warnings web application
Avisos costeros	1 E3	https://gis.vta.ee/navhoiatused/en.html
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Through NAVAREA I Baltic Sea Sub-Area Co-ordinator
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	State Port Register https://www.sadamaregister.ee/

# Fiji (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié	7	63	30	15	0	85
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Jotoc	2. Priority is for modern surveys of the min- line surveys.	or ports a	nd anchora	nges, whic	h are only	covered	by lead-

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	NO	Data provided by UK.
Safety NET Safety NET Safety NET	NO	

#### Fiji (L)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes 1. Data provided by UK. Notes 2. All UK coverage now metric and WGS84 Notas

Navigational information	Status	Notes					
Informations nautiques	Status	Notes					
Información náutica	Estado	Notas					
Local warnings Avertissements locaux Avisos locales	NO	Not applicable					
Coastal warnings Avertissements côtiers Avisos costeros	YES	Promulgated by National MSI Coordinator (MSAF)					
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Received by National MSI Coordinator (MSAF). Copies sent to Hydrographic Office & RCC Operations, Fiji Navy.					
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	Not applicable					

# Finland (E)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	16	74	10	100	0	0
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes		I			l		
Notas							

<b>GMDSS</b> implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	YES	In co-operation with BALTICO
Safety NET Safety NET Safety NET	YES	In co-operation with BALTICO

# Finland (E)

Nautical charting / Cartographie marine / Cartografia náutica  Coverage of charts published  Couverture des cartes publiées  Cobertura de cartas publicadas			Offshore passage Navigation au large Pasaje offshore			Landfall and Coastal passage Atterrissage et navigation côtière Recalada y Pasaje costero			Approaches and Ports Approches et ports Aproches y puertos		
	Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4	100	0	100	100	0	100	100	0	100	
	Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57										
	Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC	
Cartes papie	s showing depth in meters er avec les profondeurs en mètres apel con profundidades en metros	to a satellite s à un systèn	datum ne géodésiq			Data sour Source de Origen de	rce es donnée	s	KINC	LINC	

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Partial	

# France - Atlantique (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co Couvertu	pmic surveying / Leves nydrographiques / Levantamientos r werage re hydrographique a hidrográfica	Pro	Depth < 200n ofondeur < 20 fundidad < 2	0m	Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié	11	80	9	100	0	0
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas		I			1		
Notas							

GMDSS i	implementation	Status	Notes
Mise en a	euvre du SMDSM	Status	Notes
Implemen	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	YES	Radiocommunications maritimes, volume 4 (924-RNA) published by SHOM.
	A1 area Zone A1 Zona A1	YES	
	A2 area Zone A2 Zona A2	YES	
	A3 area Zone A3 Zona A3	YES	
	NAVTEX NAVTEX NAVTEX	YES	NAVTEX Service Area, MSI of which « Brest Coastal Warnings » by CORSEN station.
	Safety NET Safety NET Safety NET	YES	

# France - Atlantique (G)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes					
Informations nautiques	Status	Notes					
Información náutica	Estado	Notas					
Local warnings Avertissements locaux Avisos locales	YES						
Coastal warnings Avertissements côtiers Avisos costeros	YES						
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	via NAVAREA II (SHOM is NAVAREA II Co-ordinator).					
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Changes to ports and harbours passed to charting authority.					

# France - Clipperton Island (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	pmic surveying / Leves nydrographiques / Levantamientos i werage re hydrographique a hidrográfica	Pro	Depth < 200n fondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié	78	6	16	3	0	97	
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas		1						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	Radiocommunications maritimes, volume 4 (924-RNA) published by SHOM.
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	YES	

# France - Clipperton Island (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 0 0 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 RNC **ENC** INT **RNC ENC** INT **RNC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % France Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	YES	Through NAVAREA XII
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Through NAVAREA XII
Information on ports and harbours Information sur les ports et rades Información sobre puertos		No port or harbour in Clipperton Island

# France - Eparses Islands (H)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey cover	hydrographique	Pr	Depth < 200n ofondeur < 20 ofundidad < 20	0 <b>m</b>	Pro	Depth > 200n ofondeur > 20 fundidad > 2	00m
9/	Adequately surveyed Correctement hydrographié Adecuadamente levantado	15	81	4	24	0	76
97	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed						
Notes Notes Notas							
inotas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM Status Notes		Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	Radiocommunications maritimes, volume 4 (924-RNA) published by SHOM.
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	YES	Coastal warnings broadcast by SafetyNet (IOR)

#### France - Eparses Islands (H)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 0 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes 1. Bassas de India, Europa and Juan de Nova. Notes 2. Small scale ENC coverage by GB ENCs. Notas

Navigational information	Varigational information Status Notes	
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	YES	broadcast by SafetyNet (IOR).
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	via NAVAREA VII.
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Changes to ports and harbours passed to charting authority.

# **France - French Antilles (B)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co Couvertu	pnic surveying / Leves nydrograpmques / Levantamientos werage re hydrographique a hidrográfica	Pro	Depth < 200n ofondeur < 20 fundidad < 2	0m	Pro	Depth > 200n ofondeur > 20 fundidad > 2	00m
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	35	47	18	47	9	44
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes		- <b>I</b>					
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	Radicommunications maritimes, volume 4 (924-RNA) published by SHOM.
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	YES	French Antilles Coastal Warnings broadcasted by SafetyNet (AOR-W)

# France - French Antilles (B)

Coverage of charts published Couverture des cartes publiées Cobertura de cartas publicadas		e des cartes publiées Navigation au large				large	Landfall and Coastal passage Atterrissage et navigation côtière Recalada y Pasaje costero			Approaches and Ports Approches et ports Aproches y puertos		
%	Covered by INT or other pa Couvert par des cartes papie Cubiertas por cartas de pape	er INT ou a	utres conformes S-4	100	0		100	0	100	100	0	100
%	Covered by RNC mee Couvert par des RNC Cubiertas por RNC c Covered by ENC mee Couvert par des ENC Cubiertas por ENC c	eting S-6 C conform cumplien eting S-5 C conform	1 mes S-61 do S-61 7 mes S-57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Cartes papier a	owing depth in meters vec les profondeurs en mètres con profundidades en metros	100 %	Paper charts referenced Cartes papier rapportée satellitaire Cartas de papel referida	to a satellite s à un systèi	datum ne géodésiqu		00 %	Data sour Source de Origen de	ce s données	1	Franc	

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	broadcast on SafetyNET.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA Via NAVAF		via NAVAREA IV.
Information on ports and harbours Information sur les ports et rades Información sobre puertos		Changes to ports and harbours passed to charting authority.

## France - French Polynesia (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m Depth > 200m Couverture hydrographique Profondeur < 200mProfondeur > 200mCobertura hidrográfica Profundidad < 200m Profundidad > 200m Adequately surveyed 15 18 67 16 83 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés

GMDSS i	implementation	Status	Notes
Mise en o	euvre du SMDSM	Status	Notes
Implemen	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	YES	The French GMDSS Master Plan is compiled in the Shom publication  "Maritime radiocommunications" reference no "924-RNC available on-line: https://diffusion.shom.fr/pro/rsx-92-4-radiocommunications-maritimes-syste me-mondial-de-detresse-et-de-securite-en-mer-smdsm.html  The publication is regularly updated (last version October 30th 2019).
	A1 area Zone A1 Zona A1	NO	
	A2 area Zone A2 Zona A2	NO	
	A3 area Zone A3 Zona A3	YES	
	NAVTEX NAVTEX NAVTEX	NO	
	Safety NET Safety NET Safety NET	YES	Coastal warnings broadcast by SafetyNet (IOR)

# France - French Polynesia (L)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Approaches and Ports Offshore passage Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 84 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 RNC **ENC** INT **RNC ENC** INT **RNC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % France Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	broadcast on SafetyNet.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	via NAVAREA XIV
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Changes to ports and harbours passed to charting authority.

## **France - French Southern Territories (H)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Couverture hydrographique Profondeur < 200mProfondeur > 200mCobertura hidrográfica Profundidad < 200m Profundidad > 200m Adequately surveyed 2 65 73 33 26 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento

	%	Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	
Notes Notes			
Notes			

GMDSS implementation		Status	Notes
Mise en œuvre du SMDSM		Status	Notes
Implemen	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	YES	Radiocommunications maritimes, volume 4 (924-RNA) published by SHOM.
	A1 area Zone A1 Zona A1	NO	
	A2 area Zone A2 Zona A2	NO	
	A3 area Zone A3 Zona A3	YES	
	NAVTEX NAVTEX NAVTEX	NO	
	Safety NET Safety NET Safety NET	YES	Coastal warnings broadcast by SafetyNet (IOR)

# France - French Southern Territories (H)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Approaches and Ports Offshore passage Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 0 100 0 100 81 81 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Small scale ENC coverage by GB ENCs. Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	broadcast on SafetyNET.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	via NAVAREA VII
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Changes to ports and harbours passed to charting authority.

# France - Guyane (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co Couvertu	Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m fondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	0	43	57	59	0	41	
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes		I			I			
Notas								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	Radiocommunications maritimes, volume 4 (924-RNA) published by SHOM.
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	YES	French Guyana Coastal Warnings broadcast by SafetyNET (AOR-W).

## France - Guyane (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 RNC **ENC** INT **RNC ENC** INT **RNC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % France Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	broadcast on SafetyNET.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	via NAVAREA IV
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	changes to ports and harbours passed to charting authority.

## France - Manche et Sud Mer du Nord (D)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200n ofondeur < 20 fundidad < 2	00m	Prof	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié	45	54	1			100		
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente								
Notes Notes Notas	In the French waters of the Channel and the	North Sea	, depth is	less than 2	200 meters.				

GMDSS implementation		Status	Notes
Mise en œuvre du SMDSM		Status	Notes
Impleme	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	YES	Radiocommunications maritimes, volume 4 (924-RNA) published by SHOM.
	A1 area Zone A1 Zona A1	YES	
	A2 area Zone A2 Zona A2	YES	
	A3 area Zone A3 Zona A3	YES	
	NAVTEX NAVTEX NAVTEX	YES	NAVTEX Service Area, MSI of which « Cherbourg Coastal Warnings » by NITON station.
	Safety NET Safety NET Safety NET	YES	

# France - Manche et Sud Mer du Nord (D)

Coverage of charts		Cartograi	ia nautica		shore pass			ll and Coasta			aches and		
	uverture des cartes publiées bertura de cartas publicadas			Navigation au large Pasaje offshore				Atterrissage et navigation côtière Recalada y Pasaje costero			Approches et ports Aproches y puertos		
% Co	Covered by INT or other paper charts meeting S-4		100	0	100	100	0	100	100	0	100		
Co Cu Cu	overed by RNC mee ouvert par des RNC ubiertas por RNC co overed by ENC mee ouvert par des ENC	eting S-6 conform umpliend ting S-5 conform	1 nes S-61 do S-61 7 nes S-57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC	
Paper charts showing Cartes papier avec le	Cubiertas por ENC cumpliendo S-57  Paper charts showing depth in meters Cartes papier avec les profondeurs en mètres Cartas de papel con profundidades en metros  Paper charts referenced Cartes papier rapportés satellitaire Cartas de papel referida			to a satellite s à un systè	e datum ne géodésiqu			Data source				<u> Erte</u>	
Notes Notas													

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	via NAVAREA I
Information on ports and harbours Information sur les ports et rades Información sobre puertos		Changes to ports and harbours passed to charting authority.

#### France - Mayotte et Glorieuses (H)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m Depth > 200m Couverture hydrographique Profondeur < 200m Profondeur > 200mCobertura hidrográfica Profundidad < 200m Profundidad > 200m Adequately surveyed 24 73 3 59 40 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes Notes

Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima

Notas

<b>GMDSS</b> implementation	Status	Notes			
Mise en œuvre du SMDSM	Status	Notes			
Implementación SMSSM	Estado	Notas			
Master plan		Radiocommunications maritimes, volume 4 (924-RNA) published			
Plan cadre	YES	` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `			
Plan principal		by SHOM.			
A1 area					
Zone A1	NO				
Zona A1					
A2 area					
Zone A2	NO				
Zona A2					
A3 area					
Zone A3	YES				
Zona A3					
NAVTEX					
NAVTEX	NO				
NAVTEX					
Safety NET					
Safety NET	YES	Coastal Warnings broadcast by SafetyNet (IOR)			
Safety NET					

# France - Mayotte et Glorieuses (H)

Nautical charting / Cartographie marine / Cartografia náutica  Coverage of charts published  Couverture des cartes publiées  Cobertura de cartas publicadas			Offshore passage Navigation au large Pasaje offshore			Landfall and Coastal passage Atterrissage et navigation côtière Recalada y Pasaje costero			Approaches and Ports Approches et ports Aproches y puertos			
%	Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4  Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57			100	0	100	100	0	100	75	0	75
				INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Cartes papier av	owing depth in meters wec les profondeurs en mètres con profundidades en metros	100 %	Paper charts referenced Cartes papier rapportées satellitaire Cartas de papel referida	s à un systèr	datum ne géodésiqu		.00 %	Data sour Source de		1		
Notas												

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	broadcast by SafetyNet (IOR).
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	via NAVAREA VII
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Changes to ports and harbours passed to charting authority.

### France - Méditerranée (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Couvertu	Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200n ofondeur < 20 ofundidad < 2	00m	Depth > 200m Profondeur > 200m Profundidad > 200m			
-	Adequately surveyed Correctement hydrographié Adecuadamente levantado	60	37	3	93	0	7	
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes		ı			I			
Notas								

GMDSS i	implementation	Status	Notes
Mise en a	euvre du SMDSM	Status	Notes
Implemen	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	YES	Radiocommunications maritimes, volume 4 (924-RNA) published by SHOM.
	A1 area Zone A1 Zona A1	YES	
	A2 area Zone A2 Zona A2	YES	
	A3 area Zone A3 Zona A3	YES	
	NAVTEX NAVTEX NAVTEX	YES	NAVTEX Service Area, MSI of which « Toulon Coastal Warnings » by La Garde station.
	Safety NET Safety NET Safety NET	YES	

# France - Méditerranée (F)

	harting / Cartographie marine	/ Cartogra	fia náutica									
	of charts published				hore pas			ll and Coasta			aches and	
	e des cartes publiées				gation au	_		age et navigat ada y Pasaje			roches et	-
Cobertura	de cartas publicadas			Pas	aje offsh	ore	Recai	aua y rasaje	costero	Apro	ches y pu	ertos
	Covered by INT or other p Couvert par des cartes pap Cubiertas por cartas de pa	ier INT ou a	utres conformes S-4	100		100	100		100	100		100
	Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57			INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Paper charts	s showing depth in meters		Paper charts referenced					Data sour	rce			
	er avec les profondeurs en mètres	100,0	Cartes papier rapportée satellitaire	s á un syster	ne geodesiqu	ie	100 %	Source de				
	apel con profundidades en metros		Cartas de papel referida	ıs a un datur	n satelital			Origen de	los datos	;		
Notes												
Notes												
Notas												

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	via NAVAREA III
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Changes to ports and harbours passed to charting authority.

### France - New Caledonia (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Couvertu	Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m fondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	15	23	62	19	2	79	
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes		I			I			
Notas								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	The French GMDSS Master Plan is compiled in the Shom publication  "Maritime radiocommunications" reference nº924 RNC available on-line:  https://ddiffusion.shom.fr/pro/rsx-92-4-radiocommunications-maritimes-syste me-mondial-de-detresse-et-de-securite-en-mer-smdsm.html  The publication is regulative updated (last version October 30th 2019).
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	YES	Coastal warnings broadcast by SafetyNet (POR)

## France - New Caledonia (L)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 92 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 RNC **ENC** INT **RNC ENC** INT **RNC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % France Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	broadcast on SafetyNet.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	via NAVAREAs X and XIV
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Changes to ports and harbours passed to charting authority.

### France - Réunion et Tromelin (H)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Couvertu	urvey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200n ofondeur < 20 ofundidad < 2	00m	Depth > 200m Profondeur > 200m Profundidad > 200m			
•	Adequately surveyed Correctement hydrographié	56	44	0	30	0	70	
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes		1						
Notas								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	Radiocommunications maritimes, volume 4 (924-RNA) published by SHOM.
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	YES	Coastal warnings broadcast by SafetyNet (IOR).

### France - Réunion et Tromelin (H)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes No small scale ENCs produced by France Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	broadcast by SafetyNet (IOR).
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	via NAVAREAs VII and VIII
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Changes to ports and harbours passed to charting authority.

# France - Saint Pierre & Miquelon (A)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	pmic surveying / Leves nydrographiques / Levantamientos r werage re hydrographique a hidrográfica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	17	24	59	39	0	61	
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas		I						

	implementation	Status	Notes
Mise en o	euvre du SMDSM	Status	Notes
Implemen	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	YES	Radiocommunications maritimes, volume 4 (924-RNA) published by SHOM.
	A1 area Zone A1 Zona A1	NO	
	A2 area Zone A2 Zona A2	NO	
	A3 area Zone A3 Zona A3	YES	
	NAVTEX NAVTEX NAVTEX	YES	Coastal warnings broadcast by VHF and by Canadian NAVTEX stations
	Safety NET Safety NET Safety NET	YES	

### France - Saint Pierre & Miquelon (A)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 RNC **ENC** INT **RNC ENC** INT **RNC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % France Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Small and medium coverage by ENC CA Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	broadcast by VHF and by Canadian NAVTEX stations.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	via NAVAREA IV
Information on ports and harbours Information sur les ports et rades Información sobre puertos		Changes to ports and harbours passed to charting authority.

### France - Terre Adelie (M)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	pmic surveying / Leves nydrographiques / Levantamientos n werage re hydrographique a hidrográfica	Pr	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié	0	15	85	2	0	98	
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas	1. Data now derived from survey GIS polygosignificantly.	onal surfa	ces metho	d. New va	lues migh	t divert		

GMDSS i	mplementation	Status	Notes
Mise en o	euvre du SMDSM	Status	Notes
Impleme	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	YES	Radiocommunications maritimes, volume 4 (924-RNA) published by SHOM.
	A1 area Zone A1 Zona A1	NO	
	A2 area Zone A2 Zona A2	NO	
	A3 area Zone A3 Zona A3	YES	
	NAVTEX NAVTEX NAVTEX	NO	
	Safety NET Safety NET Safety NET	YES	

# France - Terre Adelie (M)

Nautical charti	ing / Cartographie marine /	Cartograf	ia náutica									
Coverage of charts published Couverture des cartes publiées Cobertura de cartas publicadas				Navig	hore pas ation au aje offsh	large	Atterrissa	and Coasta ge et naviga da y Pasaje	tion côtière	Approaches and Ports Approches et ports Aproches y puertos		
%	Covered by INT or other paper charts meeting S-4				0	0	100	0	0	100	0	100
					RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Cartes papier av	owing depth in meters vec les profondeurs en mètres con profundidades en metros		Paper charts referenced Cartes papier rapportées satellitaire Cartas de papel referida	s à un systèn	datum ne géodésiqu		]	Data sour Source de		s	<u> </u>	ERIC
Notes Notas												

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	via NAVAREA X
Information on ports and harbours Information sur les ports et rades Información sobre puertos		Changes to ports and harbours passed to charting authority.

### France - Wallis and Futuna Islands (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Couverture hydrographique Profondeur < 200m Profondeur > 200mCobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 79 18 31 51 21 0 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes Notes Notas

GMDSS in	mplementation	Status	Notes
Mise en œ	uvre du SMDSM	Status	Notes
Implemen	tación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	YES	The French GMDSS Master Plan is compiled in the Shom publication "Maritime radiocommunications" reference n°924-RNC available on-line: https://diffusion.shom.fr/pro/rsx-92-4-radiocommunications-maritimes-systeme-mondial-de-detresse-et-desecurite-en-mer-smdsm.html  The publication is regularly updated (last version October 30th 2019).
	A1 area Zone A1 Zona A1	NO	
	A2 area Zone A2 Zona A2	NO	
	A3 area Zone A3 Zona A3	YES	
	NAVTEX NAVTEX NAVTEX	NO	
	Safety NET Safety NET Safety NET	YES	Coastal Warnings broadcast by SafetyNet (POR)

## France - Wallis and Futuna Islands (L)

	ting / Cartographie marine / harts published	Cartograf	fia náutica	Offs	hore nas	sage	Y 16 1	1.0.4	,	Annro	aches and	d Ports	
Couverture des cartes publiées				Offshore passage Navigation au large							Approaches and Ports Approches et ports		
Cobertura de	ertura de cartas publicadas			Pas	saje offsh	ore	Recalada y Pasaje costero			Aproches y puertos			
%	Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4			100	0		100	0		100	0	100	
%	Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57				RNC	ENC	INT	RNC	ENC	INT	RNC	ENC	
Paper charts she	owing depth in meters		Paper charts referenced		datum			Data soui			Tuve	Eric	
Cartes papier av	vec les profondeurs en mètres l con profundidades en metros	100 %	Cartes papier rapportées satellitaire Cartas de papel referidas			ie ]	100 %	Source de	es donnée e los datos		Franc	e	
Notes Notes Notas													

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	broadcast on SafetyNet.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	via NAVAREA XIV
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Changes to ports and harbours passed to charting authority.

### Gabon (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	2	13	85	53	0	47
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes		I					
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	Data derived from EatHC technical visit.
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

#### Gabon (G)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Aproches y puertos Cobertura de cartas publicadas Pasaje offshore Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes 1. Data provided by France, courtesy of Gabon. Notes 2. Some medium scale coverage needs modernisation. Notas 3. Data derived from EAtHC visit.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	through NAVAREA II
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	Data derived from EatHC technical visit.

## Gambia (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		idrográficos  Depth < 200m  Profondeur < 200m  Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié	0	25	75	0	0	100	
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
1. Survey data used in charts is derived from 2. Modern surveys required for River Gambi		-	_				

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

#### Gambia (G)

Nautical charting / Cartographie marine / Cartografia náutica Offshore passage Coverage of charts published Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 50 100 50 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC **RNC ENC** INT **RNC ENC** INT RNC INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 75 % 50 % Source des données UK, France satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes 1. Larger scale charts and ENCs are produced by the UK, smaller scale produced by France. Notes 2. Chart 609, River Gambia - Albreda to Kuntaur has depths in fathoms and is mainly based on Notas surveys from 1826 to 1922. Modern survey data is required to enable UKHO to replace this chart with modern equivalent and publish an ENC for use by commercial traffic. 3. Coastal charts (FR) need to be transferred to WGS datum

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Partial	
Coastal warnings Avertissements côtiers Avisos costeros	Partial	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

## Georgia (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m	Depth > 200m Profondeur > 200m Profundidad > 200m	
Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente			
Notes Notas			

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan	VEC	
Plan cadre Plan principal	YES	
A1 area	YEG	
Zone A1 Zona A1	YES	
A2 area		
Zone A2 Zona A2	YES	
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX	TITTO	
NAVTEX NAVTEX	YES	
Safety NET		
Safety NET Safety NET	NO	
Safety NET	110	

### Georgia (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes **Informations nautiques** Status Notes Información náutica Estado Notas Local warnings Avertissements locaux Unknown Avisos locales Coastal warnings Avertissements côtiers Unknown

Avisos costeros NAVAREA warnings Avertissements NAVAREA

Avisos NAVAREA

Information on ports and harbours Information sur les ports et rades

Información sobre puertos

Unknown

Unknown

## $Germany \textbf{ - INT Region D} \ (D)$

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamientos hi  Survey coverage  Couverture hydrographique  Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié	100	0	0	0	0	100
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	A regular re-survey scheme is in place, takin topography.	g into acc	ount the ra	apid chang	ges of the	sea floor	
	The county/area has no deep water >200m.						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	None
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	YES	NAVTEX station Germany Pinneberg (national)
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

## Germany - INT Region D (D)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Agreements in place under North Sea MSI coordination
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Agreements in place with all Port Authorities operating commercial traffic.

#### **Germany - INT Region E (E)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur < 200m Profondeur > 200m Couverture hydrographique Cobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 0 0 100 0 0 100 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento

Notes
Notes
Notas

A regular re-survey scheme is in place, taking into account the rapid changes of the sea floor topography.; see https://helcomresurvey.sjofartsverket.se/

The county/area has no deep water >200m.

Jamais hydrographié systématiquement Nunca levantado sistemáticamente

Never systematically surveyed

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX	*****	
NAVTEX	YES	NAVTEX Baltico S (International)
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

## **Germany - INT Region E (E)**

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Agreements in place under Baltic Sea MSI coordination
Information on ports and harbours Information sur les ports et rades Información sobre puertos		Agreements in place with all Port Authorities operating commercial traffic.

## Ghana (G)

Hydrographic surveying / Leyés hydrographiques / Leyantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
9/0		4	9	87	0	0	100
_	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
	Tema is prone to siltation and requires ro nange and require local knowledge for acc		vey. Rive	r entrances	s are subje	ect to con	stant

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

#### Ghana (G)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT RNC Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données UK satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes 1. Charts and ENCs produced and maintained by UKHO as the Primary Charting Authority (PCA). Notes 2. Requirement for modern survey data to update charts. Particulary following the Container Terminal Notas developments at Takoradi.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

### Greece (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	pmic surveying / Leves nydrographiques / Levantamientos r werage ire hydrographique a hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	38	53	9	13	58	29	
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes		I			l			
Notas								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan	VEC	
Plan cadre Plan principal	YES	
A1 area	YEG	
Zone A1 Zona A1	YES	
A2 area		
Zone A2 Zona A2	YES	
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX	TITTO	
NAVTEX NAVTEX	YES	
Safety NET		
Safety NET Safety NET	NO	
Safety NET	110	

#### Greece (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 95 62 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 14 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes **Informations nautiques** Status Notes

Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

### Grenada (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	apnic surveying / Leves nydrographiques / Levantamientos i overage ure hydrographique ra hidrográfica	Pr	Depth < 200n ofondeur < 20 ofundidad < 2	00m	Pro	Depth > 200r ofondeur > 20 fundidad > 2	00m
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	5	58	37	1	0	99
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento						
	Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	No survey 0-200m 37% No survey >200m 99%						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

#### Grenada (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT RNC Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données UK satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Medium scale coverage now provided by INT 4184 and 4186. Chart 797 updated April 2018 to Notes include latest LIDAR survey data 2016-17. New large scale chart 720 produced at scale 1:15,000 to Notas cover cruise terminal and access to St George's.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Unknown	ALRS shows Grenada Coast Guard MRCC broadcasts local Met information on VHF but this is not a 'declared' service for the purposes of the IMO.
Coastal warnings Avertissements côtiers Avisos costeros	Unknown	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	Unknown	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Unknown	

### Guatemala (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey cov Couverture	mic surveying / Leves nydrographiques / Levantamientos r erage e hydrographique hidrográfica	Deptl Profond Profund	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed  Correctement hydrographié	25	75	0	0	100
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente					
Notes Notes		1				
Notas						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		Was devised for found and Bowes Nicolard Has CNITRO MACHINEST, Mark and Electron Nicolard,
Plan cadre	YES	Denoisit 1. Annulus dad 3-7-2 mar (Calin dan sear D) Calad Capit de Giornalo, Garendo.  Talaline - (50) 447981 (CANDINA) CANDINA (CANDINA)
Plan principal		COMMONINA DEL CARIE CONTECTO CON DEL PRODUCTO CON DEL PRODUCTO Discoire CEL John Morte Commission, San
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

### Guatemala (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 60 50 50 100 50 50 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC **RNC ENC** INT RNC **ENC** INT **RNC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 0 Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Hydrographic survey works have been carried out through joint efforts between the different State Notes institutions of the Republic of Guatemala; It is also important to mention that hydrographic surveys Notas have been carried out through a Hydrographic and Oceanographic Cooperation Agreement with the United States Navy; This cartography is distributed by the Geospatial Agency of Intelligence (NGA) of the United States of America.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	throughout Comandancias y Capitanías de Puerto y Lacustres
Coastal warnings Avertissements côtiers Avisos costeros	YES	throughout Comandancias y Capitanías de Puerto y Lacustres
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	Partial	throughout NGA
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

### Guinea (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
-	Adequately surveyed Correctement hydrographié	0	4	96	36	0	64
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes		ı					
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	Data derived from EatHC technical visit.
A1 area Zone A1 Zona A1	NO	Planned.
A2 area Zone A2 Zona A2	NO	Planned.
A3 area Zone A3 Zona A3	NO	Data derived from EatHC technical visit.
NAVTEX NAVTEX NAVTEX	NO	Planned.
Safety NET Safety NET Safety NET	NO	Data derived from EatHC technical visit.

#### Guinea (G)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes 1. Data provided by France, courtesy of Guinea. Notes 2. Large scale: Kamsar-Rio Nunez covered by GB1562. Notas 3. Data derived from EAtHC visit. 4. Medium and Large scale ENC coverage done by GB.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Partial	Conakry VHF only.
Coastal warnings Avertissements côtiers Avisos costeros	NO	Data derived from EatHC technical visit.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	through NAVAREA II
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	Data derived from EatHC technical visit.

## Guinea Bissau (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	aphic surveying / Levés hydrographiques / Levantamientos overage ure hydrographique a hidrográfica	Pre	Depth < 200n ofondeur < 20 ofundidad < 2	00m	Pro	Depth > 200m ofondeur > 20 fundidad > 20	0m
-	Adequately surveyed Correctement hydrographié	1	94	5	4	0	96
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	Values calculated by IHPT						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

### Guinea Bissau (G)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 0 0 75 10 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **ENC** INT **RNC ENC** INT **RNC ENC RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 5 % **IHPT** Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Values relating only to charts produced by IHPT. Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Partial	Bissau VHF only. Range currently 12nm; planned to be extended to 50nm.
Coastal warnings Avertissements côtiers Avisos costeros	Partial	Bissau VHF only. Range currently 12nm; planned to be extended to 50nm.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	

### Guyana (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamientos   Survey coverage Couverture hydrographique Cobertura hidrográfica		Pro	Depth < 200n ofondeur < 20 fundidad < 2	0m	Depth > 200m Profondeur > 200m Profundidad > 200m				
	Adequately surveyed Correctement hydrographié	0	2	98	0	0	100		
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente								
Notes Notes		1		I					
Notas									

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

#### Guyana (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 80 100 80 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT RNC Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 40 % 40 % UK Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Harbour & Approach Notes GB 519 (Apr 2019 WGS) Notas Approach GB 2782 (Aug 1963 UND) GB 2783 (Mar 1972 UND) GB 537 (Apr 2019 WGS) Coastal GB527 (2019 WGS) General GB 572 (Nov 1968 UND)

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Unknown	
Coastal warnings Avertissements côtiers Avisos costeros	Unknown	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	Unknown	
Information on ports and harbou Information sur les ports et rades Información sobre puertos		

#### Haiti (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié	49	47	4	27	66	7
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						

#### Notes Notes Notas

Special national circumstances which influence the statistical break-down above (e.g. geographical factors such as narrow continental shelf or fringing reefs, or constraints such as areas of unstable seabed

which require a routine resurvey programme

- 2. Significant shortfalls in sea areas of high priority for maritime traffic:
- a. Maritime Shipping Routes:
- (I) International (i .e. between hub ports):
- (2) Regional (i.e. between hub ports and feeder ports):

Some of the areas on the north coast have not been surveyed in a century

- (3) Internal (i.e. from feeder ports to other national ports; cruise liner routes):
- b. Ports and Approaches:

While Port au Prince is well surveyed, the minor ports on the Golfe de la Gonaives and both North and south coasts are surveyed at too large a scale or from too far in the past (100 years or more).

GMDSS implementation Star		Status	Notes
Mise en œuvre du SMDSM		Status	Notes
Impleme	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	NO	Data provided by UK.
	A1 area Zone A1 Zona A1	NO	Data provided by UK.
	A2 area Zone A2 Zona A2	NO	Data provided by UK.
	A3 area Zone A3 Zona A3	NO	Data provided by UK.
	NAVTEX NAVTEX NAVTEX	NO	Data provided by UK.
	Safety NET Safety NET Safety NET	NO	Data provided by UK.

#### Haiti (B)

Nautical charting / Cartographie marine / Cartografia náutica

Coverage of charts published Couverture des cartes publiées Cobertura de cartas publicadas			Offshore passage Navigation au large Pasaje offshore			Atterrissa	Landfall and Coastal passage Atterrissage et navigation côtière Recalada y Pasaje costero			Approaches and Ports Approches et ports Aproches y puertos		
%	Covered by INT or other pap Couvert par des cartes papier Cubiertas por cartas de papel	INT ou autres co	onformes S-4	100	saje onsn	0	100		0	100	ches y pu	80
%	Covered by RNC meet Couvert par des RNC Cubiertas por RNC cu Covered by ENC meet Couvert par des ENC	ting S-61 conformes S- impliendo S-6 ting S-57 conformes S-	-61 61 -57									
	Cubiertas por ENC cu	ımpliendo S-	57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Cartes papier av	wing depth in meters	100 % Paper of Cartes satellita	charts referenced papier rapportée	to a satellite s à un systèr	datum ne géodésiqu		00 %	Data sour Source de			Tayo	DAVE
Notes												
Notes												
Manitima Car	y Information / D	manta aun 1 /	unitá masiti	no / I.f.	maai-	a <b>oh</b> ===	لمانس	nomítim				
Navigational ir	y Information / Renseigner	Status	urite maritin	ne / Infoi	rinacion	sobre seg	uridad n <b>Not</b>					
Informations n		Status Status					Not Not					
Información na		Estado					Not					
Loca Aver	l warnings tissements locaux os locales	Unknown					1,50					
	tal warnings											

Unknown

Unknown

Unknown

Avertissements côtiers Avisos costeros NAVAREA warnings

Avertissements NAVAREA Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades

## Honduras (B)

Survey coverage Couverture hydrographique Cobertura hidrográfica	hydrographique Profondeur < 200m				Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	5	80	15	60	0	40	
2. Top priority is modern survey of the ex nineteenth century lead-line surveys.	tensive area	of coastal	l waters w	hich is onl	y covered	l by early	

GMDSS implementation Status		Notes
Mise en œuvre du SMDSM Sta		Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	Data provided by UK.
A1 area Zone A1 Zona A1	NO	Data provided by UK.
A2 area Zone A2 Zona A2	NO	Data provided by UK.
A3 area Zone A3 Zona A3	NO	Data provided by UK.
NAVTEX NAVTEX NAVTEX	NO	Data provided by UK.
Safety NET Safety NET Safety NET	NO	Data provided by UK.

## Honduras (B)

Nautical charting / Cartographie marine / Cartografia náutica

Avertissements côtiers Avisos costeros NAVAREA warnings

Avertissements NAVAREA Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades YES

YES

Coverage of charts published Couverture des cartes publiées				shore pas: gation au	_	Landfall and Coastal passage Atterrissage et navigation côtière			Approaches and Ports Approches et ports		
Cobertura de cartas publicadas			Pasaje offshore			Recalada y Pasaje costero			Apro	iertos	
	Covered by INT or other paper Couvert par des cartes papier Cubiertas por cartas de papel	INT ou autres conformes S-4	100	0	0	100	0	0	100	0	0
	Covered by RNC meet Couvert par des RNC Cubiertas por RNC cu Covered by ENC meet Couvert par des ENC Cubiertas por ENC cu	conformes S-61 impliendo S-61 ing S-57 conformes S-57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Cartes pap	ts showing depth in meters ier avec les profondeurs en mètres papel con profundidades en metros	Paper charts reference Cartes papier rapporté satellitaire Cartas de papel referid	es à un systè	me géodésiqu	ie	S		rce es donnée e los dato			
Notes Notes Notas	Charts published by the	UK and USA-NIM.	A.								
	Safety Information / Renseignen		me / Info	rmación s	sobre seg						
	nal information	Status				Note					
	ons nautiques	Status				Note					
imormaci	ión náutica Local warnings Avertissements locaux Avisos locales	YES YES				Nota	is				
	Coastal warnings Avertissements côtiers	Partial									

## Hungary (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co Couvertur Cobertura		Pr	Depth < 200n ofondeur < 20 fundidad < 2	00m	Pro	Depth > 200m fondeur > 20 fundidad > 20	0m
	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	0					
Notes Notes Notas	Inland waterways only; no problems reporte	d.					

GMDSS implementation	Status	Notes			
Mise en œuvre du SMDSM	Status	Notes			
Implementación SMSSM	Estado	Notas			
Master plan Plan cadre Plan principal	N/A				
A1 area Zone A1 Zona A1	N/A				
A2 area Zone A2 Zona A2	N/A				
A3 area Zone A3 Zona A3	N/A				
NAVTEX NAVTEX NAVTEX	N/A				
Safety NET Safety NET Safety NET	N/A				

#### **Hungary (F)**

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Aproches y puertos Cobertura de cartas publicadas Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT ENC INT **RNC ENC** INT **RNC ENC RNC** Paper charts referenced to a satellite datum Data source Paper charts showing depth in meters Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	N/A	
Coastal warnings Avertissements côtiers Avisos costeros	N/A	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	N/A	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	N/A	

### Iceland (D)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrog Cobertura hidrogr	Pro	Depth < 200n ofondeur < 20 fundidad < 20	00m	Depth > 200m Profondeur > 200m Profundidad > 200m			
Co	dequately surveyed prrectement hydrographié	52	48	0	6	94	0
Ro % No Ro No % Ja	decuadamente levantado e-survey required écessitant de nouveaux levés equiere nuevo levantamiento ever systematically surveyed umais hydrographié systématiquement unca levantado sistemáticamente						
Notes Notes Notas		•					

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	NO	

## Iceland (D)

Nautical chart	ing / Cartographie marine /	Cartograf	ia náutica									
	narts published				shore pas		Landfa	ll and Coasta	l passage		aches and	
Couverture des cartes publiées		Navigation au large		Atterrissage et navigation côtière			II					
Cobertur <u>a de c</u>	Cobertur <mark>a de cartas publicadas</mark>		Pas	saje offsh	ore	Recalada y Pasaje costero			Aproches y puertos			
%	Covered by INT or other pap Couvert par des cartes papie Cubiertas por cartas de pape	er INT ou at	utres conformes S-4	100	0	100	100	0	74	85	0	71
%	Covered by RNC mee Couvert par des RNC Cubiertas por RNC co Covered by ENC mee Couvert par des ENC	overed by RNC meeting S-61 couvert par des RNC conformes S-61 cubiertas por RNC cumpliendo S-61 covered by ENC meeting S-57 couvert par des ENC conformes S-57 cubiertas por ENC cumpliendo S-57		INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
	owing depth in meters		Paper charts referenced					Data sour				
	vec les profondeurs en mètres	100 %	Cartes papier rapportées satellitaire	s a un systèi	me geodesiqı	ne   Ç		Source de				
	con profundidades en metros		Cartas de papel referida	s a un datur	m satelital			Origen de	e los datos	3		
Notes Notes Notas												

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

### India (J)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié	100	0	0	95	5	0
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas		1			1		
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre	YES	
Plan principal	1123	
A1 area Zone A1	YES	
Zona A1	TLS	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	YES	

#### India (J)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 90 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	via NAVAREA VIII (INHD, INDIA is the Coordinator for NAVAREA VIII).
Information on ports and harbours Information sur les ports et rades Información sobre puertos		Changes to ports and harbours passed to charting authority.

### Indonesia (K)

Hydrographic surveying / Leyés hydrographiques / Leyantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Pro	Depth < 200m ofondeur < 200m fundidad < 200m	Pr	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	100	50	50	100			
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento							
Notes	Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notas	Limitation of Platform Capability - 50% bathymetry data source from historic - Pushidrosal still continue to update bathym national agency for any additional data. Our going survey ship with modern technology.	netry data	in Indonesia wa					

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

#### Indonesia (K)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 19.3 35.5 49.9 1.5 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Procentage counted from Indonesia water 6,400,000 km<sup>2</sup> Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

#### Iran (I)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Pr	Depth < 200r ofondeur < 20 ofundidad < 2	00m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié	95	0	5	40	0	60	
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas								

GMDSS implementation	Status	Notes					
Mise en œuvre du SMDSM Status		Notes					
Implementación SMSSM	Estado	Notas					
Master plan							
Plan cadre	YES						
Plan principal							
A1 area		96% coverage by VHF					
Zone A1	YES	Local and coastal navigation warnings including meteorological warnings and forecasts are promulgated verbally					
Zona A1		for attention of local traffic and non-conventional vessels, which are not equipped with NAVTEX receivers.					
A2 area							
Zone A2	YES	Complete coverage by MF					
Zona A2							
A3 area							
Zone A3	YES	Complete coverage by HF					
Zona A3							
NAVTEX		3 NAVTEX Centers as follows:					
NAVTEX	N/A	Bushehr (A),					
NAVTEX		Bandar-e Shahid Rajaee (F), Fereydun Kenar (G)					
Safety NET							
Safety NET	NO						
Safety NET							

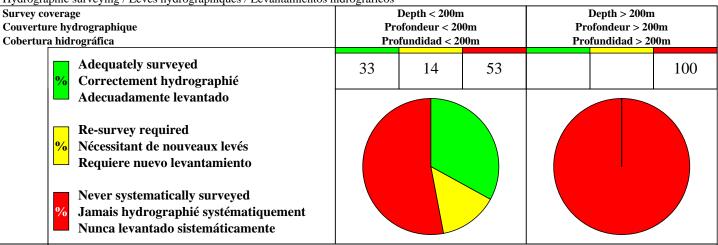
#### Iran (I)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 50 0 20 100 0 100 90 90 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC INT RNC INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source http://chart.iho.i Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 0 Source des données satellitaire nt:8080/iho/mai Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux	YES	Local warnings: These warnings cover inshore and inland waters,
Avisos locales	1123	often within the limits of jurisdiction of harbor or port authorities.
Coastal warnings Avertissements côtiers	YES	Coastal warnings: Coastal MSI is promulgated by national
Avisos costeros	1 E3	coordinator by means of WWNWS.
NAVAREA warnings	VEC	By Issuing Notice to Mariners, which we send it to Nav Area IX
Avertissements NAVAREA Avisos NAVAREA	YES	Coordinator ( Pakistan) for promulgation.
Information on ports and harbours		- VTS centers: 3 stations (2 in Persian Gulf and 1 in Caspian Sea) are working on operational
Information sur les ports et rades	YES	mode.
Información sobre puertos		-AIS network: All main ports are equipped with AIS network.

#### Iraq (I)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos



#### Notes Notes Notas

No survey 0-200m 53%

- 1. Iraq has a small coastline. It is dominated by two major waterways, the Shatt al Arab and Khawr az Zubayr. Sedimentation is prevalent in both, but particularly pronounced in the Shatt al Arab. Maintenance dredging was stopped in the Shatt al Arab in 1980. A major dredging program in the Khawr Abd Allah and Khawr Umm Qasr is all but finished and the post dredge survey is now underway. In the Khawr az Zubayr dredging activity is currently being conducted to restore dredged channels. Other hazards affecting both waterways are wrecks, destroyed bridges, unexploded ordnance and strong tidal streams.
- 2. Ferries from UAE use the Shatt Al Arab to reach the ports of Abu Al Falus and Al Maqil.
- 3. Modern surveys have been completed for the two offshore oil terminals at Khawr al Amaya and Al Basrah. The Khawr Abd Allah has been surveyed from No. 3 buoy to the port of Az Zubayr. On the Shatt al Arab the areas of navigable water are reduced because of wrecks, and the minimum expected depth at HW is 6-7m.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		Given the nature of Iraq's waters, information is mainly promulgated
NAVTEX	NO	by voice, e-mail and word of mouth e.g. through the Pilots.
NAVTEX		
Safety NET		Given the nature of Iraq's waters, information is mainly promulgated
Safety NET	NO	by voice, e-mail and word of mouth e.g. through the Pilots.
Safety NET		

#### Iraq (I)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT RNC Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données UK satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes 1. Full charting coverage of all major ports and approaches provided by the UK Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Partial	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	Partial	Some NAVAREA warnings are issued for new wrecks or unserviceable buoys.
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	There is a port information service for visiting vessels. Given the nature of Iraq's waters, information is mainly promulgated by voice, e-mail and word of mouth e.g. through the Pilots.

### Ireland (D)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	pmic surveying / Leves nydrographiques / Levantamientos r overage re hydrographique a hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
•	Adequately surveyed Correctement hydrographié	75	25	0	100	0	
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes		1			1		
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	N/A	Through UKHO as required
NAVTEX NAVTEX NAVTEX	YES	Full coverage (2 stations).
Safety NET Safety NET Safety NET	NO	Please see the website www.infomar.ie for up to date survey information.

#### Ireland (D)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Two outstanding charts to convert to WGS84 compatible Datum - European Terrestrial Reference Notes System 1989 Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales  YES		By Coastguard and ports.
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	N/A	Through UKHO as required
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Passed to UKHO.

### Israel (F)

Hydrographic surveying / Leyés hydrographiques / Leyantamientos hidrográficos

Survey cove	hydrographique	l Pro	Depth < 200m fondeur < 200 Yundidad < 20	)m	Depth > 200m Profondeur > 200m Profundidad > 200m		
9	Adequately surveyed Correctement hydrographié Adecuadamente levantado	85	15	10	40	0	60
9	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento						
9	Never systematically surveyed  Jamais hydrographié systématiquement  Nunca levantado sistemáticamente						
Notes	rou can see above, the areas that we lack of The process of collecting the data is made by	-			water bety	veen 0-10	) metres.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre	YES	
Plan principal		
A1 area Zone A1	YES	
Zona A1		
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	NO	

#### Israel (F)

Nautical charting / Cartographie marine / Cartografia náutica

Avisos costeros NAVAREA warnings

Avertissements NAVAREA Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades YES

YES

Coverage of charts published Couverture des cartes publiées			Navigation au large			Landfall and Coastal passage Atterrissage et navigation côtière			Approaches and Ports Approches et ports		
	a de cartas publicadas		Pasaje offshore			Recalada y Pasaje costero			Aproches y puertos		
	Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4		0	0	0	100	0	0	100	0	0
	Covered by RNC meet Couvert par des RNC	Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61									
	Covert par des ENC Cubiertas por ENC cu	conformes S-57		DNG					DIE		
Cartes pap	ts showing depth in meters	Paper charts references Cartes papier rapporté satellitaire Cartas de papel referid	es à un systè	me géodésiqu	ENC le 1	.00 %		ENC ce es données e los datos		RNC	ENC
Notes Notes Notas											
Maritime	Safety Information / Renseignen	nents sur la sécurité maritin	me / Info	rmación s	obre se	guridad r	narítima				
Navigatio	nal information	Status				Not	tes				
Informati	ons nautiques	Status				Not	tes				
r	ón náutica	Estado				Not	as				
	Local warnings Avertissements locaux Avisos locales	YES									
	Coastal warnings Avertissements côtiers	YES									

### Italy (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	pmic surveying / Leves nydrograpmiques / Levantaimentos   werage re hydrographique a hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
-	Adequately surveyed Correctement hydrographié	73.74	26.26	0	55.36	44.64	0
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes		1			I		
Notas							

GMDSS implementation	Status	Notes					
Mise en œuvre du SMDSM	Status	Notes					
Implementación SMSSM	Estado	Notas					
Master plan	VEC	National POC: MARICOGECAP (ITALIAN COAST					
Plan cadre Plan principal	YES	GUARD) - http://www.guardiacostiera.gov.it/en/					
A1 area	YES	National POC: MARICOGECAP (ITALIAN COAST					
Zone A1 Zona A1	1ES	GUARD) - http://www.guardiacostiera.gov.it/en/					
A2 area Zone A2	YES	National POC: MARICOGECAP (ITALIAN COAST					
Zona A2	1 E3	GUARD) - http://www.guardiacostiera.gov.it/en/					
A3 area	YES	National POC: MARICOGECAP (ITALIAN COAST					
Zone A3 Zona A3	IES	GUARD) - http://www.guardiacostiera.gov.it/en/					
NAVTEX	VEC	National POC: MARICOGECAP (ITALIAN COAST					
NAVTEX NAVTEX	YES	GUARD) - http://www.guardiacostiera.gov.it/en/					
Safety NET	MEC	National POC: MARICOGECAP (ITALIAN COAST					
Safety NET Safety NET	YES	GUARD) - http://www.guardiacostiera.gov.it/en/					

#### Italy (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 RNC **ENC** INT **RNC ENC** INT **RNC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 78 % Italy Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux	YES	National POC: MARICOGECAP (ITALIAN COAST
Avisos locales	1123	GUARD) - http://www.guardiacostiera.gov.it/en/
Coastal warnings Avertissements côtiers	YES	National POC: MARICOGECAP (ITALIAN COAST
Avisos costeros	1 E3	GUARD) - http://www.guardiacostiera.gov.it/en/
NAVAREA warnings Avertissements NAVAREA	YES	National POC: MARICOGECAP (ITALIAN COAST
Avisos NAVAREA	1ES	GUARD) - http://www.guardiacostiera.gov.it/en/
Information on ports and harbours Information sur les ports et rades	YES	National POC: MARICOGECAP (ITALIAN COAST
Información sobre puertos	1 E3	GUARD) - http://www.guardiacostiera.gov.it/en/

### Jamaica (B)

Survey co Couvertu	aphic surveying / Levés hydrographiques / Levantamientos h overage ure hydrographique ra hidrográfica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0 <b>m</b>	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié	2	34	64	5	0	95	
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas	No survey 0-200m 64% No survey >200m 95%	I						
	Surveys conducted within Kingston Harbour	a anu Poru	anu Dignt	•				

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre	NO	
Plan principal		
A1 area Zone A1	NO	
Zona A1		
A2 area Zone A2 Zona A2	NO	
A3 area		
Zone A3 Zona A3	NO	
NAVTEX		
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET	Unknown	ALRS are unaware of the degree of input into SafetyNET.
Safety NET		

### Jamaica (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 30 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % UK Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes New High Density ENC produced for Kingston Harbour Sep 2023. Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Unknown	ALRS shows that Jamaica MRCC broadcasts local and coastal Met and Nav Warnings on VHF and HF but this is not a 'declared' service for the purposes of the IMO.
Coastal warnings Avertissements côtiers Avisos costeros	Unknown	ALRS shows that Jamaica MRCC broadcasts local and coastal Met and Nav Warnings on VHF and HF but this is not a 'declared' service for the purposes of the IMO.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	Unknown	ALRS shows that Jamaica MRCC broadcasts local and coastal Met and Nav Warnings on VHF and HF but this is not a 'declared' service for the purposes of the IMO.
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Unknown	

## Japan (K)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co Couvertu	Hydrographic surveying / Levés hydrographiques / Levantamientos Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200n ofondeur < 20 fundidad < 2	00m	Depth > 200m Profondeur > 200m Profundidad > 200m			
-	Adequately surveyed Correctement hydrographié	46	47	7	72	21	7	
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes		1						
Notas								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX	TIPO	
NAVTEX	YES	
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

#### Japan (K)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes **Informations nautiques** Status Notes

Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

### Japan - Minami Tori Shima (K)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co Couvertu	aphic surveying / Levés hydrographiques / Levantamientos overage ure hydrographique ra hidrográfica	l Pro	Depth < 200n fondeur < 20 fundidad < 20	00m	Pro	Depth > 200n fondeur > 20 fundidad > 20	00m
	Adequately surveyed Correctement hydrographié	100	0	0	100	0	0
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes							
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	YES	Included in A3 area of Japan
Zona A3		•
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

# Japan - Minami Tori Shima (K)

	harting / Cartographie marine /	Cartograi	ia nautica									
Coverage of	of charts published			Offs	shore pas	sage	Landfa	ll and Coasta	l passage	Appro	aches and	l Ports
Couverture	verture des cartes publiées			Navigation au large			Atterrissage et navigation côtière			Approches et ports		
Cobertura	ıra de cartas publicadas			Pasaje offshore			Recal	ada y Pasaje	costero	Aproches y puertos		
			100	0	100	0	0	0	100	0	100	
	Covered by RNC mee Couvert par des RNC Cubiertas por RNC c  Covered by ENC mee Couvert par des ENC Cubiertas por ENC c	C conforn umpliend eting S-57 conforn	nes S-61 do S-61 7 nes S-57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Paper charts	s showing depth in meters		Paper charts referenced	to a satellite				Data sour				
	er avec les profondeurs en mètres	100 %	Cartes papier rapportées satellitaire			<sup>1e</sup> 1		Source de		;		
	apel con profundidades en metros	100 70	Cartas de papel referidas	s a un datur	n satelital	1		Origen de				
Notes Notes Notas												

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Provided by Japan
Information on ports and harbours Information sur les ports et rades Información sobre puertos		

### Jordan (J)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Pr	Depth < 200n ofondeur < 20 ofundidad < 2	00m	Depth > 200m Profondeur > 200m Profundidad > 200m			
%	Adequately surveyed Correctement hydrographié Adecuadamente levantado	0	90	10	0	0	100	
Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente								
Notas	Priority is modern survey of the areas of	ziquou po	its and the	of I phosp	mates terr			

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre	YES	
Plan principal	1123	
A1 area Zone A1	YES	
Zona A1	I ES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

## Jordan (J)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 0 100 100 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Figures supplied by UK. Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Partial	

### Kazakhstan (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m	Depth > 200m Profondeur > 200m Profundidad > 200m		
		Profundidad < 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado				
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento				
	Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente				
Notes Notes Notas					

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

#### Kazakhstan (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertur<u>a de cartas</u> publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes **Informations nautiques** Status Notes Información náutica Estado Notas Local warnings Avertissements locaux Unknown Avisos locales Coastal warnings

Avertissements côtiers

Avisos costeros NAVAREA warnings Avertissements NAVAREA

Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades Unknown

N/A

Unknown

### Kenya (H)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m		Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado		40	10	80	0	20
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes		L		I	<u> </u>		
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	NAVAREA VIII Coordinator India

#### Kenya (H)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 66 66 66 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 90 % 90 % UK Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes 1. Figures provided by UK. Notes 2. New larger scale chart coverage required for port development at Manda Bay. Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Promulgated by NAVAREA VIII
Information on ports and harbours Information sur les ports et rades Información sobre puertos		Passed to UKHO.

# Kiribati (L)

Hydrographic surveying / Leyés hydrographiques / Leyantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Pr	Depth < 200n ofondeur < 20 ofundidad < 2	00m	Pr	Depth > 200 ofondeur > 2 ofundidad > 2	00m
Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systémati Nunca levantado sistemáticame		20	80	0	0	100
Notes						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	No GMDSS Plan yet
Plan principal		·
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

### Kiribati (L)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes 1. Data provided by UK. Notes 2. All UK coverage now metric and WGS84. Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	Only locally
Coastal warnings Avertissements côtiers Avisos costeros	YES	Only locally
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Only locally
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Only locally

## Kuwait (I)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamient Survey coverage Couverture hydrographique Cobertura hidrográfica		Pr	Depth < 200n ofondeur < 20 ofundidad < 2	00m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	1	11	88	0	0	100	
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas	No survey 0-200m 88% >200m 100%							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	Unknown	
Plan principal		
A1 area		
Zone A1	Unknown	
Zona A1		
A2 area		
Zone A2	Unknown	
Zona A2		
A3 area		
Zone A3	Unknown	
Zona A3		
NAVTEX		
NAVTEX	Unknown	
NAVTEX		
Safety NET		
Safety NET	Unknown	
Safety NET		

### Kuwait (I)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Approaches and Ports Offshore passage Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertur<u>a de cartas</u> publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données UK satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes 1. Full charting coverage of all major ports and approaches provided by the UK 2. Improved ENC is Notes planned where supported by survey data. Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	We sign up agreement with MENAS in Bahrain to broadcast the met and navigation warning.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	We sign up agreement with MENAS in Bahrain to broadcast the met and navigation warning.
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	sent to the notes to mariners.

### Latvia (E)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	pmc surveying / Leves nydrograpmques / Levantamientos r werage re hydrographique a hidrográfica	Pro	Depth < 200n ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié	49	11	40	60	5	35	
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes		I						
Notas								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	YES	Through NAVTEX Co-ordinator for the Baltic Sea area
Safety NET Safety NET Safety NET	NO	

### Latvia (E)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 0 0 0 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Latvia has no offshore passage / small scale charts, because of regional characteristics. Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	Through NAVAREA I Baltic Sea Sub-Area Co-ordinator
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

## Lebanon (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamiento Survey coverage Couverture hydrographique Cobertura hidrográfica		Pro	Depth < 200m ofondeur < 200 fundidad < 20	0 <b>m</b>	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié	31	13	56	98	0	2	
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas		,						
Notas								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	YES	

## Lebanon (F)

Nautical charting / Cartographie marine / Cartografia náutica									
Coverage of charts published	Offshore passage			Landfall and Coastal passage			Approaches and Ports		
Couverture des cartes publiées	Navi	gation au	large	Atterrissage et navigation côtière			Approches et ports		
Cobertura de cartas publicadas	Pa	saje offsl	iore	Recal	ada y Pasaje	costero	Apro	ches y pu	ertos
Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4	100	0		100	0	100	100	0	100
Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Paper charts showing depth in meters  Corton paper charts referenced  Cartes papier rapporté  Cartes papier rapporté			ne		Data sour			-	
Cartes papier avec les prolondeurs en metres 100 % satellitaire			ա   1		Source de			Franc	e
Cartas de papel con profundidades en metros   Cartas de papel referid	as a un datu	m satelital			Origen de	los datos			
Notes Notas									
Maritima Cafaty Information / Dangaignaments gur la acqueité mariti	/ T£		aa <b>b</b> ua aa		- au(tim- a				

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Unknown	
Coastal warnings Avertissements côtiers Avisos costeros	Unknown	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	Unknown	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Unknown	

### Liberia (G)

Hydrographic surveying / Leyés hydrographiques / Leyantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamientos h  Survey coverage  Couverture hydrographique  Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié Adecuadamente levantado	0	0	100	0	0	100	
Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes	orts of Mo	nrovia and	l Buchanar	1.			

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	YES	VHF DSC
Zona A1		
A2 area		
Zone A2	YES	MF/HF DSC
Zona A2		
A3 area		
Zone A3	NO	HF DSC
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

### Liberia (G)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 50 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données UK satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes 1. Charts and ENCs produced and maintained by UKHO as Primary Charting Authority (PCA) Notes 2. No large scale ENC coverage of Greenville or Harper. Notas 3. Ongoing requirements for data to update the charts, ENCs and other navigational products.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Unknown	
Coastal warnings Avertissements côtiers Avisos costeros	Unknown	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	

## Libya (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m	Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente				
Notes Notas				

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan	VEC	
Plan cadre	YES	
Plan principal		
A1 area	170	
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

#### Libya (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Approaches and Ports Offshore passage Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertur<u>a de cartas</u> publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes **Informations nautiques** Status Notes Información náutica Estado Notas Local warnings Avertissements locaux Unknown Avisos locales Coastal warnings

Avertissements côtiers

Avisos costeros NAVAREA warnings Avertissements NAVAREA

Avisos NAVAREA

Information on ports and harbours Information sur les ports et rades

Información sobre puertos

Unknown

Unknown

Unknown

## Lithuania (E)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamientos h  Survey coverage  Couverture hydrographique  Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié	56	44	0	0	0	100
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	No depths over 200 m.						

GMDSS implementation	Status	Notes			
Mise en œuvre du SMDSM	Status	Notes			
Implementación SMSSM	Estado	Notas			
Master plan					
Plan cadre	YES				
Plan principal					
A1 area					
Zone A1	YES	MRCC Klaipeda			
Zona A1		-			
A2 area					
Zone A2	YES	MRCC Klaipeda			
Zona A2					
A3 area					
Zone A3	NO				
Zona A3					
NAVTEX					
NAVTEX	YES	Transmitted by NAVAREA I Baltic Sea Sub-area Coordinator.			
NAVTEX					
Safety NET					
Safety NET	NO				
Safety NET					

### Lithuania (E)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 0 0 0 100 0 92 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	can be found on https://hydro.eltsa.lt/nw/en.html
Coastal warnings Avertissements côtiers Avisos costeros	YES	Transmitted by NAVAREA I Baltic Sea Sub-area Coordinator. Can be found on https://hydro.eltsa.lt/nw/en.html
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	Transmitted by NAVAREA I Baltic Sea Sub-area Coordinator.
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	can be found on https://hydro.eltsa.lt/nw/en.html

# Luxembourg (D)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	0					
Notes Notes Notas	Inland waterways only; no problems reporte	d.					

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	N/A	
A1 area Zone A1 Zona A1	N/A	
A2 area Zone A2 Zona A2	N/A	
A3 area Zone A3 Zona A3	N/A	
NAVTEX NAVTEX NAVTEX	N/A	
Safety NET Safety NET Safety NET	N/A	

#### Luxembourg (D)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 0 0 0 0 0 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT ENC INT **RNC ENC** INT **RNC ENC RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Inland waterways. Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information

1 ta vigational information	Status	110665
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	N/A	
Coastal warnings Avertissements côtiers Avisos costeros	N/A	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	N/A	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	N/A	

### Madagascar (H)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	apmic surveying / Leves nydrographiques / Levantamientos r overage are hydrographique a hidrográfica	Pro	Depth < 200n ofondeur < 20 fundidad < 2	00m	Depth > 200m Profondeur > 200m Profundidad > 200m		
•	Adequately surveyed Correctement hydrographié	1	9	90	19	0	81
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes		1					
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	NO	Planned.
Zona A1		
A2 area		
Zone A2	NO	Planned
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

# Madagascar (H)

Coverage Couvertu	of ch	ing / Cartographie marine / arts published s cartes publiées cartas publicadas			Offshore passage Navigation au large Pasaje offshore			Atterrissa	l and Coasta ge et navigat da y Pasaje	tion côtière	App	oaches and	ports
Cobertur	a de c	Covered by INT or other par Couvert par des cartes papie	er INT ou a	utres conformes S-4	100	O	100	100	0	100	80	Oches y pu	80
	Cubiertas por cartas de papel INT o otras cumpliendo S-4  Covered by RNC meeting S-61  Couvert par des RNC conformes S-61  Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57  Couvert par des ENC conformes S-57												
Cartes pap	oier av	Cubiertas por ENC coming depth in meters rec les profondeurs en mètres con profundidades en metros	umplieno 100 %	do S-57  Paper charts referenced Cartes papier rapportée satellitaire Cartas de papel referida	s à un systèn	ne géodésiqu	ENC 1	00 %		ENC ce es données e los datos		RNC	ENC
Notes Notes Notas	2. I Ma 3. N	Figures provided by Large scale Paper co hajanga, Taolanaro (Medium scale Paper Small, medium and l	verage: Fort-Da	missing (non auphin).  ge by US char	INT so	cheme			ranana	, Tulea	τ,		

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Data provided by port authorities (APMF)

### Malawi (H)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

	verage re hydrographique a hidrográfica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	35	0	65	0	0	100
Notes Notes Notas	<ol> <li>An ongoing survey programme will cover survey coverage is in the shallow SE and SV found.</li> <li>Hydrographic information is also importate.</li> </ol>	V areas of	Lake Mal	awi where	most tou		

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		MSI is the responsibility of the Marine Department of the Ministry
Safety NET	NO	
Safety NET		of Transport.

### Malawi (H)

Nautical charting / Cartographie marine / Cartografia náutica

Coverage of charts published Couverture des cartes publiées Cobertura de cartas publicadas		Offshore passage Navigation au large Pasaje offshore			Landfall and Coastal passage Atterrissage et navigation côtière Recalada y Pasaje costero			Approaches and Ports Approches et ports Aproches y puertos					
	%	Covered by INT or other pap Couvert par des cartes papier Cubiertas por cartas de pape	INT ou autres cor	nformes S-4	0	0	0	40	0	0	11	0	0
	<b>%</b>	Covered by RNC mee Couvert par des RNC Cubiertas por RNC cu Covered by ENC meet Couvert par des ENC	ting S-61 conformes S-6 impliendo S-6 ting S-57 conformes S-5	61 1 57									
Cartes pap	Cubiertas por ENC cumpliendo S-57  charts showing depth in meters s papier avec les profondeurs en mètres s de papel con profundidades en metros		arts referenced apier rapportée	s à un systèr	ne géodésiqu	ENC	5		ENC ce es données e los datos		RNC outh At	frica	
Notes Notes Notas		ority is on coastal, aplawi.	pproach and	narbour	cnarts	with al	пепог	ts focu	ssed in	the so	uthern	part of	Lake
		y Information / Renseigner		rité maritin	ne / Infoi	mación s	sobre seg						
		formation	Status Status					Note					
Informati Informaci		-	Status Estado					Note Nota					
	Loca Aver	l warnings tissements locaux os locales	Partial					11012	io				
•	Coas	tal warnings				-		-				-	

Lake Malawi Pilot to be updated

NO

NO

Partial

Avertissements côtiers Avisos costeros NAVAREA warnings

Avertissements NAVAREA Avisos NAVAREA

Information on ports and harbours

Information sur les ports et rades

Información sobre puertos

## Malaysia (K)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

	verage re hydrographique a hidrográfica	Pro	Depth < 200n ofondeur < 20 fundidad < 2	00m	Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	59	20	21	59	0	41
Notes Notes Notas	Future plan of bathymetric survey is focusing	ng on the a	rea of <20	00m due to	coastal d	evelopme	nt.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	YES	

#### Malaysia (K)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Aproches y puertos Cobertura de cartas publicadas Covered by INT or other paper charts meeting S-4 100 0 85 100 0 100 80 90 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **ENC RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes 1. Two band 1 ENC currently in progress to cover 100% of offshore passage by 31 March 2018. Notes 2. The remaining coverage for approaches and ports (20% for paper charts and 10% for ENC) is Notas covered by ADMIRALTY Standard Nautical Charts and ADMIRALTY Vector Chart Service (AVCS). 3. ADMIRALTY Raster Chart Service (ARCS) covered all Malaysian Waters.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	via NAVAREA XI (JAPAN is NAVAREA XI Coordinator)
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

#### Maldives (J)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m fondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié	0	3	97	0	1	99
Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						

#### Notes Notes Notas

- 1. Data provided by UK.
- 2. Depths fall away dramatically on the edge of each atoll and the risk to shipping from the lack of surveys is very slight.
- 3. The priority is modern survey of the atolls, including sidescan sonar of the routes into Male.
- 4. Areas throughout the Maldives have been surveyed by the Indian Navy. Data has not yet been released for charting purposes.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

### Maldives (J)

Couvertur	re des	arts published s cartes publiées artas publicadas			Navig	shore pas gation au saje offsh	large	Atterrissa	ll and Coasta nge et navigat ada y Pasaje	tion côtière	Appr	aches and oches et ches y pu	ports
	%	Covered by INT or other paper Couvert par des cartes papier Cubiertas por cartas de paper	er INT ou a	utres conformes S-4	100	100	100	100	100	20	20	20	20
	%	Covered by RNC mee Couvert par des RNC Cubiertas por RNC c Covered by ENC mee	C conform umplien	nes S-61 do S-61									
	%	Couvert par des ENC	conforn	nes S-57									
Cubiertas por ENC cumpliendo S-57  Paper charts showing depth in meters Cartes papier avec les profondeurs en mètres Cartas de papel con profundidades en metros  The compliance of the complian			à un systèr	ne géodésiqu	ENC	100 %		ENC   cce es données e los datos		RNC UK	ENC		
Notes Notas	2. ]	Large scale coverag	e is con	fined to Male,	Ihava	ndhipp	oolhu	and Ad	doo At	olls.			

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Only via NAVAREA coordinator
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	

## Mali (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Couvertu	ourvey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200n ofondeur < 20 fundidad < 20	00m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	0						
Notes Notes Notas	Survey requirements on the River Senegal a du fleuve Sénégal (OMVS).	re being a	ssesses by	l'Organisa	ation pour	la mise e	n valeur	

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	N/A	
A1 area Zone A1 Zona A1	N/A	
A2 area Zone A2 Zona A2	N/A	
A3 area Zone A3 Zona A3	N/A	
NAVTEX NAVTEX NAVTEX	N/A	
Safety NET Safety NET Safety NET	N/A	

#### Mali (G)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Approaches and Ports Offshore passage Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 0 0 0 0 0 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Inland waterways Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	N/A	
Coastal warnings Avertissements côtiers Avisos costeros	N/A	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	N/A	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	N/A	

### Malta (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydr Cobertura hidro	Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
<mark>%</mark> (	Adequately surveyed Correctement hydrographié	20	80	0	31	69	0	
% I	Adecuadamente levantado  Re-survey required  Nécessitant de nouveaux levés  Requiere nuevo levantamiento  Never systematically surveyed  Jamais hydrographié systématiquement  Nunca levantado sistemáticamente							
Notes Notes Notas		•			•			
Notas								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	YES	New NAVTEX transmitter to be installed during 2006.
Safety NET Safety NET Safety NET	NO	

### Malta (F)

Nautical charting / Cartographie marine / Cartografia náutica

Avertissements côtiers

Avertissements NAVAREA Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades

Avisos costeros NAVAREA warnings YES

YES

YES

	overage of charts published ouverture des cartes publiées			Navigation au large			Landfall and Coastal passage Atterrissage et navigation côtière			Approaches and Ports Approches et ports		
	de cartas publicadas			gauon au saje offsh			ge et naviga da y Pasaje		Approches et ports Aproches y puertos			
	Covered by INT or other paper Couvert par des cartes papie	per charts meeting S-4 r INT ou autres conformes S-4 el INT o otras cumpliendo S-4	100	100	0	100	100	0	100	100	0	
	Covered by RNC mee Couvert par des RNC Cubiertas por RNC co Covered by ENC mee Covered by ENC mee	eting S-61 conformes S-61 umpliendo S-61 ting S-57										
	Cubiertas por ENC co		INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC	
Cartes papi Cartas de p	per charts showing depth in meters rtes papier avec les profondeurs en mètres rtas de papel con profundidades en metros  Paper charts reference Cartes papier rapporte satellitaire Cartas de papel referie			e datum me géodésiq		Data source Source des données Origen de los datos						
Notes												
Notes Notas												
	Safety Information / Renseigne		me / Info	rmación	sobre seg							
	nal information ons nautiques	Status Status				Note Note						
Informaci	=	Estado				Nota						
	Local warnings Avertissements locaux Avisos locales	YES										
	Coastal warnings										1	

### Marshall Islands (K)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié	5	71	24	0	23	77	
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							

#### Notes Notes Notas

I. Special national circumstances which influence the statistical break-down above (e.g. geographical factors such as narrow continental shelf or fringing reefs, or constraints such as areas of unstable seabed

which require a routine resurvey programme):

7

#### Rev I

- 2. Significant shortfalls in sea areas of high priority for maritime traffic:
- a. Maritime Shipping Routes:
- (!) International (i.e. between hub ports):

Mostly random track and sketch surveys soundings in between the islands

(2) Regional (i.e. between hub ports and feeder ports):

Mostly random track and sketch surveys soundings in between the islands

(3) Internal (i.e. from feeder ports to other national ports; cruise liner routes):

Kwajalein had a LiDAR and sonar survey a decade ago and appears fairly well surveyed. The other islands contain data only from pre World War II surveys and much of it leadline ..

b. Ports and Approaches:

Kwajalein had a LiDAR and sonar survey a decade ago and appears fairly well surveyed. The other islands contain data only from pre World War II surveys and much of it leadline

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	Unknown	
Plan principal		
A1 area		
Zone A1	Unknown	
Zona A1		
A2 area		
Zone A2	Unknown	
Zona A2		
A3 area		
Zone A3	Unknown	
Zona A3		
NAVTEX		
NAVTEX	Unknown	
NAVTEX		
Safety NET		
Safety NET	Unknown	
Safety NET		

# Marshall Islands (K)

Nautical charting / Cartographie marine / Cartografia náutica

Couvertu	Couverture des cartes publiées Cobertura de cartas publicadas			Navigation au large Pasaje offshore			Landfall and Coastal passage Atterrissage et navigation côtière Recalada y Pasaje costero			Approaches and Forts Approches et ports Aproches y puertos		
	Covered by INT or other pap Couvert par des cartes papier Cubiertas por cartas de papel	INT ou autres o	conformes S-4	100		0	60		0	100		0
	Covered by RNC meet Couvert par des RNC Cubiertas por RNC cu Covered by ENC meet Couvert par des ENC	ting S-61 conformes S impliendo S- ting S-57 conformes S	5-61 -61 3-57									
	Cubiertas por ENC cu	Paper	charts referenced s papier rapportée			ENC		RNC Data sour		INT	RNC	ENC
Cartes pap Cartas de <sub>l</sub> Notes	pier avec les profondeurs en mètres papel con profundidades en metros	33 % satelli	taire						es données e los datos			
Notes Notas												
	Safety Information / Renseigner		curité maritin	ne / Infor	mación	sobre se						
	nal information ons nautiques	Status Status					Not Not					
	ión náutica	Estado					Not					
	Local warnings Avertissements locaux Avisos locales	Unknown										
	Coastal warnings	İ	1									I

Unknown

Unknown

Unknown

Avertissements côtiers Avisos costeros NAVAREA warnings Avertissements NAVAREA

Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades

### Mauritania (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	sydrographic surveying / Leves nydrographiques / Levantamientos Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200n ofondeur < 20 fundidad < 2	00m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié	1	32	67	30	0	70	
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes		1						
Notas								

<b>GMDSS</b> implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	Data derived from EatHC technical visit.
A1 area Zone A1 Zona A1	NO	Planned.
A2 area Zone A2 Zona A2	NO	Planned.
A3 area Zone A3 Zona A3	NO	Data derived from EatHC technical visit.
NAVTEX NAVTEX NAVTEX	NO	Planned.
Safety NET Safety NET Safety NET	NO	Data derived from EatHC technical visit.

### Mauritania (G)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes 1. Data provided by France, courtesy of Mauritania. Notes 2. Large scale paper coverage: Nouadhibou covered by GB1699. Notas 3. Large scale ENC coverage: partially covered by GB ENCs.

Navigational information	Status	Notes					
Informations nautiques	Status	Notes					
Información náutica	Estado	Notas					
Local warnings Avertissements locaux	Partial	Data derived from EatHC technical visit.					
Avisos locales	1 artiai	2. Local Warnings: Only by hand of the pilots.					
Coastal warnings Avertissements côtiers Avisos costeros	NO						
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	through NAVAREA II					
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO						

### Mauritius (H)

Hydrographic surveying / Levés hydrographiques / Levantamientos h Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	35	35	30	8	45	47	
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
otes	Adequate: Surveys between 2005-2023  Resurvey: 1980-2005 (as per requirement)	1						
	Never Systematically Surveyed: Surveys pri							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	YES	
NAVTEX		
Safety NET	1	
Safety NET	NO	
Safety NET		

### Mauritius (H)

Nautical charting / Cartographie marine / Cartografia náutica

Coastal warnings Avertissements côtiers

Avisos costeros NAVAREA warnings Avertissements NAVAREA

Avisos NAVAREA

Information on ports and harbours

Information sur les ports et rades Información sobre puertos YES

YES

YES

Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertur<u>a de cartas</u> publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 75 75 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT ENC **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes **Informations nautiques** Status Notes Información náutica Estado Notas Local warnings YES **Avertissements locaux** Avisos locales

### Mexico (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Pr	Depth < 200m ofondeur < 200m ofundidad < 200m	Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié	23	77 0	11	89 0		
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématique Nunca levantado sistemáticamente	ment					
Notes Notes Notas	1					

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

### Mexico (B)

Nautical charting / Cartographie marine / Cartografia náutica

Coverage of charts published			Offshore passage Landfall and Coastal passage Approaches and Ports								
Couverture des cartes publiées								oches et	-		
Cobertura de cartas publicadas		Pa	saje offsh I	ore	Recaia	iua y 1 asaje	Costero	Apro	ches y pu	ertos	
		r INT ou autres conformes S-4	100	85	0	22	9	9	49	49	18
	Cubiertas por cartas de papel	I INT o otras cumpliendo 8-4				1	1			u u	
	Covered by RNC mee	ting S-61									
	% Couvert par des RNC	_									
	Cubiertas por RNC cu										
	Covered by ENC mee	ting S-57					ı				
	<b>%</b> Couvert par des ENC										
	Cubiertas por ENC cu	ımpliendo S-57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
	rts showing depth in meters	Paper charts reference			.		Data sour				
		100 % Cartes papier rapporté	es a un syste	ne geodesiqu	<sup>16</sup>   1			s données			
	papel con profundidades en metros	Cartas de papel referid	as a un datu	n satelital			Origen de	los datos			
Notes											
Notes											
Notas											
Maritima	Safety Information / Renseigner	mente cur la cécuritá mariti	me / Info	mación s	ohre sec	mridad m	narítima				
	onal information	Status Status	inc / 11110.	macion 8	SOULC SEE	Not					
	ions nautiques	Status				Note					
	ión náutica	Estado				Nota					
	Local warnings	250000				1100					
	Avertissements locaux	NO									
	Avisos locales										
	Coastal warnings										

NO

YES

NO

Avertissements côtiers Avisos costeros NAVAREA warnings

Avertissements NAVAREA Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades

### Monaco (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamientos  Survey coverage  Couverture hydrographique  Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié	80	19	1	95	0	5
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas		1					
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan	MEG	E II : A A L : A MOL A CMEGO
Plan cadre	YES	Fully integrated with MSI and GMDSS arrangements in France.
Plan principal		
A1 area	*****	
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	YES	NAVAREA Warnings transmitted by La Garde.
NAVTEX		,
Safety NET		
Safety NET	YES	
Safety NET		

#### Monaco (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Approaches and Ports Offshore passage Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Data provided by France according to FR-MC Technical Agreement signed on September 19th 2005. Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	Fully integrated with MSI and GMDSS arrangements with France.
Coastal warnings Avertissements côtiers Avisos costeros	YES	Fully integrated with MSI and GMDSS arrangements in France.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Through NAVAREA III
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

# Montenegro (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	0	100	0	0	100	0
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento						
	Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
	b. Ports and Approaches: modern survey of	an ports a	ша арргоа	ches.			

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre	YES	
Plan principal	1123	
A1 area Zone A1	YES	
Zona A1	I ES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

# Montenegro (F)

Nautical charting / Cartographie marine / Cartografia náutica

Avertissements côtiers

Avisos costeros NAVAREA warnings Avertissements NAVAREA

Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades YES

YES

YES

	of charts published										
Couverture des cartes publiées Cobertura de cartas publicadas				saje offsh							
	Covered by INT or other paper Couvert par des cartes papie	per charts meeting S-4 r INT ou autres conformes S-4 el INT o otras cumpliendo S-4	100	0	0	100	0	0	100	0	0
	Covered by RNC mee Couvert par des RNC Cubiertas por RNC co Covered by ENC mee Couvert par des ENC	eting S-61 conformes S-61 umpliendo S-61 ting S-57									
	Cubiertas por ENC co		INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Cartes pap	ts showing depth in meters ier avec les profondeurs en mètres papel con profundidades en metros	Paper charts referenced Cartes papier rapportée satellitaire Cartas de papel referida	l to a satellite es à un systèr	datum ne géodésiqu		]	Data sour Source de		s	KNC	ENC
Notes Notes Notas											
	Safety Information / Renseigne	ments sur la sécurité maritir	ne / Info	rmación s	sobre seg						
	nal information ons nautiques	Status Status				Note Note					
	ons nautiques ón náutica	Estado Estado				Nota					
	Local warnings Avertissements locaux Avisos locales	YES									
	Coastal warnings										I

### Morocco - Atlantic (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Pr	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié Adecuadamente levantado	38	10	52	13	3	84	
Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas	-			1			
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	Unknown	
Plan principal		
A1 area		
Zone A1	Unknown	
Zona A1		
A2 area		
Zone A2	Unknown	
Zona A2		
A3 area		
Zone A3	Unknown	
Zona A3		
NAVTEX		
NAVTEX	Unknown	
NAVTEX		
Safety NET		
Safety NET	Unknown	
Safety NET		

#### **Morocco - Atlantic (G)**

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Approaches and Ports Offshore passage Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 0 100 0 50 100 66 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes 1. Small scale ENC coverage by ENC produced by PT Notes 2. Large scale ENC coverage, partially covered by ENC produced by ES and GB Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings		
Avertissements locaux	Unknown	
Avisos locales		
Coastal warnings		
Avertissements côtiers	Unknown	
Avisos costeros		
NAVAREA warnings		
Avertissements NAVAREA	YES	Through NAVAREA II
Avisos NAVAREA		
Information on ports and harbours		
Information sur les ports et rades Información sobre puertos	Unknown	
información sobre puertos		

### Morocco - Mediterranée (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento	20	10	70	15	5	80
Notes Notes Notas	Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	Radiocommunications maritimes, volume 4 (924-RNA) published by SHOM.
A1 area	T T1	
Zone A1 Zona A1	Unknown	
A2 area Zone A2 Zona A2	Unknown	
A3 area Zone A3 Zona A3	Unknown	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

## **Morocco - Mediterranée (F)**

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Approaches and Ports Offshore passage Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 80 83.6 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Notes Notas

Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima

Navigational information Status Notes

<u> </u>		
Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Unknown	
Coastal warnings Avertissements côtiers Avisos costeros	Unknown	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Throught NAVAREA II
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Unknown	

# Mozambique (H)

rographic surveying / Levés hydrographiques / Levantamientos hidrográficos  rey coverage verture hydrographique ertura hidrográfica  Profundidad < 200m Profundidad < 200m				Pr	Depth > 200n ofondeur > 20 ofundidad > 2	00m
Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	20	10	70	2	2	96
a. Regional routes: coastal waters between b. Ports and Approaches: maintenance Quelimane.	-		s of Maput	to, Beira,	Nacala, P	emba an

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	Coastal warnings broadcast by SafetyNet
NAVTEX		
Safety NET		
Safety NET	YES	NAVAREA VII messages
Safety NET		

# Mozambique (H)

Nautical charting / Cartographie marine /	Cartograf	fia náutica									
Coverage of charts published Couverture des cartes publiées			Navig	shore pas gation au	large	Atterrissa	l and Coasta ge et naviga ida y Pasaje	tion côtière	Appr	oches et	ports
% Couvert par des cartes papie	Covered by INT or other paper charts meeting S-4		O Pas	saje offsh ()	0	10	0	0	Apro-	ches y pu	0
Covered by RNC med Couvert par des RNC Cubiertas por RNC c  Covered by ENC med Couvert par des ENC	Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57			RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Paper charts showing depth in meters Cartes papier avec les profondeurs en mètres Cartas de papel con profundidades en metros	30 %	Paper charts referenced Cartes papier rapportées satellitaire Cartas de papel referida	s à un systèn	ne géodésiqu	ie	0		rce es données e los datos			
Notes Notas											

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	Promulgated by NAVAREA VII
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Promulgated by NAVAREA VIII
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Passed to UK (UKHO)

## Myanmar (J)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Coberture hidrografica		vey coverage Depth < 200m verture hydrographique Profondeur < 200m				> 200m eur > 200m dad > 200m
<mark>%</mark> Cori	quately surveyed rectement hydrographié cuadamente levantado	80	15	20		90
<mark>%</mark> Néce	urvey required essitant de nouveaux levés uiere nuevo levantamiento					
y  Jam  Nun  Nun  Nun  Magenta   Nun  Nun  Nun  Nun  Nun  Nun  Nun  Nu	er systematically surveyed ais hydrographié systématiquement ca levantado sistemáticamente					
Notes Notes Notas						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan	VEC	
Plan cadre Plan principal	YES	
A1 area	T/DG	
Zone A1 Zona A1	YES	
A2 area		
Zone A2 Zona A2	YES	
A3 area		
Zone A3	YES	
Zona A3	125	
NAVTEX	MEG	TI' C'
NAVTEX NAVTEX	YES	Via Singapore
Safety NET		
Safety NET	YES	
Safety NET		

# Myanmar (J)

Nautical c	harting / Cartographie marine /	Cartografia náutica									
Coverage Couvertur	of charts published re des cartes publiées		Navi	shore pas gation au	large	Atterrissa		tion côtière	Appr	aches an	ports
Cobertura de cartas publicadas			Pa	Pasaje offshore Recalada y Pasaje costero					Aproches y puertos		
	Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4		10	0	0	0	0	0	10	0	60
	Covered by RNC mee Couvert par des RNC Cubiertas por RNC c	C conformes S-61									
	Covered by ENC mee	C	•								
	Couvert par des ENC Cubiertas por ENC co		13.15			.   L					FNIG
Donon about		Paper charts referenced	INT to a satellit	RNC e datum	ENC	INT	RNC Data sour	ENC	INT	RNC	ENC
Cartes papi	ts showing depth in meters ier avec les profondeurs en mètres apel con profundidades en metros	Cartes papier rapportée satellitaire Cartas de papel referida	es à un systè	me géodésiqu	ie		Source do	es données e los datos			
Notes											
Notes											
Notas											
	a a - z a		, = -			,					
	Safety Information / Renseigne		ne / Info	rmación	sobre se						
	nal information ons nautiques	Status Status				Not Not					
Informaci		Estado				Not					
	Local warnings										
1	Avertissements locaux Avisos locales	YES									

via NAVAREA VIII

By Myanmar Port Authority

Coastal warnings Avertissements côtiers

Avisos costeros NAVAREA warnings Avertissements NAVAREA

Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades YES

YES

YES

### Namibia (H)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co Couvertu	pmic surveying / Leves nydrographiques / Levantamientos r overage re hydrographique a hidrográfica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Pro	Depth > 200n ofondeur > 20 fundidad > 2	0m
	Adequately surveyed Correctement hydrographié	40	0	60	2	0	98
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	Information provided by South Africa						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	Coastal Warnings transmitted by voice and promulgated via SafetyNet
Safety NET Safety NET Safety NET	Unknown	

#### Namibia (H)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC INT INT RNC **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données South Africa satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Approaches and Ports large-scale charts of Walvis Bay and Luderitz are published on the WGS 84 Notes Spheroid. The WGS 84 shift has no significance on the remainder of the offshore passage and small-Notas scale charts published on the Clarke 1880 Spheroid.

Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad maritima					
Navigational information	Status	Notes			
Informations nautiques	Status	Notes			
Información náutica	Estado	Notas			
Local warnings Avertissements locaux Avisos locales	YES				
Coastal warnings Avertissements côtiers Avisos costeros	YES	Promulgated by NAVAREA VII			
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Promulgated by NAVAREA VII			
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Passed to South Africa (SANHO)			

# Nauru (L)

Survey coverage Couverture hydrographique Cobertura hidrográfica		uverture hydrographique Profondeur < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
C A R N R N Ja	dequately surveyed forrectement hydrographié decuadamente levantado  de-survey required fécessitant de nouveaux levés dequiere nuevo levantamiento fever systematically surveyed famais hydrographié systématiquement funca levantado sistemáticamente	0	0	100	0	0	100
Notas	auru is a steep-to oceanic Island. One F			requires a			

	implementation	Status	Notes
Mise en o	euvre du SMDSM	Status	Notes
Implemen	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	NO	Data provided by UK.
	A1 area Zone A1 Zona A1	NO	Data provided by UK.
	A2 area Zone A2 Zona A2	NO	Data provided by UK.
	A3 area Zone A3 Zona A3	NO	Data provided by UK.
	NAVTEX NAVTEX NAVTEX	NO	Data provided by UK.
	Safety NET Safety NET Safety NET	NO	Data provided by UK.

#### Nauru (L)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Approaches and Ports Offshore passage Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 0 0 0 0 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes 1. Data provided by UK. Notes 2. All UK coverage now metric and WGS84 Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	Data provided by UK.
Coastal warnings Avertissements côtiers Avisos costeros	NO	Data provided by UK.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	Data provided by UK.
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	Data provided by UK.

### **Netherlands (D)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey c Couvertu Cobertui		Pr	Depth < 200n ofondeur < 20 ofundidad < 2	00m	Profond	n > 200m leur > 200m idad > 200m
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	82	18	0		100
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente					
Notes Notes Notas	no deep water (>200m)					

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	All GMDSS elements are the responsibility of the Netherlands CG.
Plan principal		. ,
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	YES	
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

# Netherlands (D)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Via NAVAREA coordinator at UKHO & Netherlands CG.
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

### **Netherlands - Leeward Islands (B)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Couverture hydrographique Profondeur < 200m Profondeur > 200mCobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 89 0 0 11 28 72 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre	YES	
Plan principal	1123	
A1 area Zone A1	YES	
Zona A1	TLS	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	YES	

### **Netherlands - Leeward Islands (B)**

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Small scale ENC-scheme maintained i.a.w. Meso-American and Caribbean Sea Integrated Charting Notes Committee (MICC) agreements. Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	via NAVAREA IV
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	Can be provided on request.

### Netherlands - Windward Islands (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey cover	hydrographique	I Pro	Depth < 200m fondeur < 20 Yundidad < 20	0m	Pro	Depth > 200m ofondeur > 20 fundidad > 20	0m
9,	Adequately surveyed Correctement hydrographié		0	0	97	3	0
9	Requiere nuevo levantamiento  Never systematically surveyed						
Notes Notes Notas		•					
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	YES	

#### Netherlands - Windward Islands (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes small scale ENC-scheme maintained i.a.w. Meso-American and Caribbean Sea Integrated Charting Notes Committee (MICC) agreements. Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	via NAVAREA IV
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	Can be provided on request.

### New Zealand (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	pmic surveying / Leves nydrographiques / Levantamientos n werage re hydrographique a hidrográfica	Pr	Depth < 200n ofondeur < 20 fundidad < 20	00m	Pr	Depth > 200n ofondeur > 20 ofundidad > 2	00m
-	Adequately surveyed Correctement hydrographié	79	21	0	3	9	88
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	Hydrographic surveys carried out in: Fiordla	and, Pelor	us Sound,	Taranaki a	and Coror	nandel	

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	Co-ordinated by MNZ.
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	YES	NAVAREA XIV messages broadcast via SafetNET (POR)
Safety NET		

## New Zealand (L)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 0 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	Promulgated by harbour masters
Coastal warnings Avertissements côtiers Avisos costeros	YES	Promulgated by National Coordinator, NZ Rescue Coordination center, Maritime NZ (MNZ)
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	NAVAREA XIV co-ordinator
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

#### **New Zealand - Ross Sea Region (M)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur < 200m Profondeur > 200mCouverture hydrographique Cobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 99 0 1 1 20 79 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente **Notes** This area is visited by a growing number of tourist vessels. LINZ has focused on surveying the main Notes maritime shipping routes, anchorages and landings. Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	YES	NAVAREA XIV messages broadcast via SafetyNET (POR)
Safety NET		

### New Zealand - Ross Sea Region (M)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 50 50 0 50 50 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **RNC RNC ENC** INT **RNC ENC** INT **ENC** INT Paper charts referenced to a satellite datum Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % New Zealand Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital

Notes Notes Notas This area is visited by a growing number of tourist vessels. LINZ has focused on charting the main maritime shipping routes, anchorages and landings.

LINZ has recently surveyed the anchorages at Cape Adare and Cape Hallett, the shipping route between them and the offshore areas at Balleny Islands and Scott Island. The scientific vessel Nathaniel B Palmer recently surveyed the approaches to McMurdo Station. This data has been incorporated onto charts.

Other countries involved in charting in the Ross Sea Region include the United States, Italy and Korea. Significant gaps in coverage:

There are significant gaps in the survey coverage at Cape Adare, Cape Hallett, Balleny Islands and the approaches to McMurdo Station that require surveying to enable charting.

Large areas remain unsurveyed and are charted from random ships track soundings. The continuing increase in the number of tourist vessels and their area of operation is a growing risk that is internationally recognised. This creates greater requirements for surveying to enable charting. The Antarctic Treaty Meeting of Experts (ATME) on Ship-bourne Tourism met in 2009. The purpose of their meeting was to 'endeavour to accelerate consideration of matters relating to the management of ship-bourne tourism in the Antarctic Treaty area and to provide recommendations'. The meeting identified 'inaccurate charting' as a risk. Further surveying is required to enable accurate charting in many areas.

LINZ has a prioritised ENC production schedule that includes small, medium and large scale ENCs for this area.

Navigational information	Status	Notes
8		Notes
Informations nautiques	Status	
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Provided by NZ, NAVAREA XIV
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	

#### New Zealand - Tokelau (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié	40	60	0	1	20	79	
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							

#### Notes Notes Notas

- 1. Data provided by NZ.
- 2. In general, depths > 200m are attained very close to the islands and fringing reefs. There is no current priority to survey depths > 200m.
- 3. There is deep water > 200m between adjacent islands, therefore there is no current priority to survey between the islands.
- 4. An area surrounding each island has been recently surveyed by the RNZN to modern standards.
- 5. The anchorages and landings require surveying to modern standards to meet the needs of contemporary shipping.

GMDSS	mplementation	Status	Notes
Mise en o	euvre du SMDSM	Status	Notes
Implemen	ntación SMSSM	Estado	Notas
	Master plan	NO	
	Plan cadre	NO	
	Plan principal		
	A1 area		
	Zone A1	NO	
	Zona A1		
	A2 area		
	Zone A2	NO	
	Zona A2		
	A3 area		
	Zone A3	NO	
	Zona A3		
	NAVTEX		
	NAVTEX	NO	
	NAVTEX		
	Safety NET		
	Safety NET	YES	NAVAREA XIV messages broadcast via SafetyNET (POR)
	Safety NET		, ( - /

### New Zealand - Tokelau (L)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 0 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **ENC** INT **RNC ENC** INT **RNC RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données New Zealand satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes An area surrounding each island has been recently surveyed by the RNZN to modern standards. This Notes data has been incorporated on existing charts. The anchorages and landings require surveying to Notas modern standards to enable large scale charting. LINZ has a prioritised ENC production schedule that includes small and medium scale ENCs for this area.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	

# Nicaragua (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Iydrographic surveying / Levés hydrographiques / Levantamiento urvey coverage Couverture hydrographique Cobertura hidrográfica		Pro	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié	5	95		10	90		
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
lotes	1. Percentages provided by USNOO and sub 2. There are numerous reported shoal depths surveys are required.	•			-		modern	

GMDSS i	mplementation	Status	Notes
Mise en o	euvre du SMDSM	Status	Notes
Implemen	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	N/A	
	A1 area Zone A1 Zona A1	NO	Data provided by UK.
	A2 area Zone A2 Zona A2	NO	Data provided by UK.
	A3 area Zone A3 Zona A3	N/A	
	NAVTEX NAVTEX NAVTEX	N/A	
	Safety NET Safety NET Safety NET	N/A	

#### Nicaragua (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Data source Paper charts showing depth in meters Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	N/A	
Coastal warnings Avertissements côtiers Avisos costeros	N/A	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	N/A	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	N/A	

## Niger (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m			Depth > 200m Profondeur > 200m		
Cobertur	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	0	fundidad < 20	00m	Pro	fundidad > 20	00m
Notes Notes Notas	Inland Waterways						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	N/A	
A1 area Zone A1 Zona A1	N/A	
A2 area Zone A2 Zona A2	N/A	
A3 area Zone A3 Zona A3	N/A	
NAVTEX NAVTEX NAVTEX	N/A	
Safety NET Safety NET Safety NET	N/A	

#### Niger (G)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Approaches and Ports Offshore passage Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Aproches y puertos Cobertura de cartas publicadas Covered by INT or other paper charts meeting S-4 0 0 0 0 0 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT ENC INT **RNC ENC** INT **RNC ENC RNC** Paper charts referenced to a satellite datum Data source Paper charts showing depth in meters Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Inland waterways Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings		
Avertissements locaux	N/A	
Avisos locales		
Coastal warnings		
Avertissements côtiers	N/A	
Avisos costeros		
NAVAREA warnings		
Avertissements NAVAREA	N/A	
Avisos NAVAREA		
Information on ports and harbours		
Information sur les ports et rades	N/A	
Información sobre puertos		

### Nigeria (G)

Hydrographic surveying / Leyés hydrographiques / Leyantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m ofondeur < 20 fundidad < 20	00m	Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié	25	65	10	10	10	80	
Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							

#### Notes Notes Notas

#### Priorities are:

- a. Maritime Shipping Routes: areas of expanding oil and gas industry activity. Survey data is required for offshore installations to ensure safe navigation in their vicinity.
- b. Ports and Approaches: routine re-survey of entrances, especially of the rivers Escravos, Forcados and Bonny, together with the Benin River up to Sapele.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

## Nigeria (G)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 0 100 100 60 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	Via NPA
Coastal warnings Avertissements côtiers Avisos costeros	YES	Via NAVAREA II Coordinator
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Via NAVAREA II Coordinator.
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Via NPA

#### Niue (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié	100	0	0	1	20	79
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						

#### Notes Notes Notas

- 1. In 2016 a hydrographic risk assessment was completed under PRNI. This identified priority areas for survey, agreed with the Government of Niue.
- 2. In 2017 and 2018 under PRNI two outlying reefs, Beveridge and Antiope, were covered by SDB. Beveridge Reef was further surveyed with ALB.
- 3. In general, depths >200m are attained very close to Niue's fringing reef and Beveridge Reef. A SPC MBES survey of 2008 around Niue is incorporated in the charts. There is no current priority to survey depths >200m around Beveridge Reef.
- 4. Data from NOAA cruise HS91 292/293 was identified following SWPHC16 workshop on Data Discovery and will be incorporated in the charts as will the recent (2019) MBES survey for the Manatua submarine cable.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	Through NAVAREA XIV

#### Niue (L)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Aproches y puertos Cobertura de cartas publicadas Pasaje offshore Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 0 80 80 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC **RNC ENC** INT **RNC** INT RNC INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données Niue satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos

Notes Notes Notas

- 1. In 2019 under the Pacific Regional Navigation Initiative (PRNI) a chart improvement programme got underway to incorporate existing and new survey data. New charts for Niue and Beveridge Reef are scheduled for publication Q1 2020.
- 2. All Niue charts will be renumbered and incorporate the two-digit country code.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux	Partial	Provided by the National MSI Coordinator, Telecom Niue Ltd
Avisos locales	Faitiai	(TNL) and Broadcasting Corporation of Niue (BCN). Passed to NZ
Coastal warnings Avertissements côtiers Avisos costeros	YES	Provided by Telecom Niue Limited (TNL)
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	Through NAVAREA XIV
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Partial	Changes passed to charting authority (NZ).Provided by the National MSI Coordinator, Telecom Niue Ltd (TNL) and Broadcasting Corporation of Niue (BCN)

#### Norway - Antarctica, included I's Island (M)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur > 200mCouverture hydrographique Profondeur < 200m Cobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 0 0 0 100 0 100 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	YES	
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

#### Norway - Antarctica, included I's Island (M)

	marine /	/ Cartograf	na náutica									
					_	_						
Couverture des cartes publiées									Approches et ports			
ra de cartas publicadas			Pa	saje offsh I	ore	Reca	lada y Fasaje	costero	Apro	oches y pu	iertos	
% Couvert par des car	rtes papie	er INT ou at	utres conformes S-4	100		100	0			0		0
Couvert par des car Cubiertas por carta  Covered by RN Couvert par de Cubiertas por Cubiertas por Covered by EN Couvert par de Cubiertas por arts showing depth in meters pier avec les profondeurs en papel con profundidades en NHS has product Siple - Cape Coll	rtes papie as de pape NC mee es RNC RNC c NC mee es ENC ENC c s n mètres n metros tion re	er INT ou at el INT o otre eting S-62 conforme cumplience conforme cumplience at 100 % esponsib	attres conformes S-4 as cumpliendo S-4 l nes S-61 do S-61 7 nes S-57 do S-57 Paper charts referenced Cartes papier rapportées atellitaire Cartas de papel referida ility for the cheas are also co	INT to a satellit s à un systè s a un datu aarts II vered	me géodésiques satelital NT 904 with C	ENC 1	INT 00 % ning N	Source d Origen d Iaud La	es données e los datos	INT	RNC	ENC
	c of charts published are des cartes publiées a de cartas publicadas  Covered by INT or Couvert par des ca Cubiertas por cart  Covered by R. Couvert par d Cubiertas por Couvert par d Cubiertas por Covered by E. Couvert par d Cubiertas por cart cubiertas por cart cubiertas por cart cubiertas por covered by E. Couvert par d Cubiertas por	Covered by RNC me Couvert par des RNC Cubiertas por RNC of Couvert par des ENC Cubiertas por ENC of RNS showing depth in meters pier avec les profondeurs en mètres papel con profundidades en metros NHS has production re Siple - Cape Colbeck.	Covered by INT or other paper charts no Couvert par des cartes papier INT ou an Cubiertas por cartas de papel INT o otre  Covered by RNC meeting S-6. Couvert par des RNC conform Cubiertas por RNC cumplient Covered by ENC meeting S-5. Couvert par des ENC conform Cubiertas por ENC cumplient Cubiertas por ENC cu	Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4  Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57  rts showing depth in meters pier avec les profondeurs en mètres papel con profundidades en metros  NHS has production responsibility for the charts sipple - Cape Colbeck. Both areas are also co	Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4  Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57  Trs showing depth in meters pier avec les profondeurs en mètres papel con profundidades en metros  NHS has production responsibility for the charts IN Siple - Cape Colbeck. Both areas are also covered	Covered by INT or other paper charts meeting S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Cubiertas por RNC compliendo S-61 Cubiertas por RNC cumpliendo S-61 Cubiertas por ENC cumpliendo S-57  Trs showing depth in meters pier avec les profondeurs en mètres papel con profundidades en metros  NHS has production responsibility for the charts INT 904	Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4  Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57  Try showing depth in meters paper avec les profondeurs en mètres papel con profundidades en metros  NHS has production responsibility for the charts INT 904 Drome Siple - Cape Colbeck. Both areas are also covered with Overvie	Covered by INT or other paper charts meeting S-4 Cuvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4  Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57 Cubiertas por ENC cumpliendo S-57 Cubiertas por ENC cumpliendo S-57  Trts showing depth in meters pier avec les profondeurs en mètres papel con profundidades en metros  Navigation au large Pasaje offshore  100  100  0  100  0  100  0  100  0  100  0	cof charts published are des cartes publiées are des cartes publiées are des cartes publiées are de cartas publicadas  Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4  Covered by RNC meeting S-61  Covered by ENC meeting S-61  Covered by ENC meeting S-57  Couvert par des ENC conformes S-57  Cubiertas por ENC cumpliendo S-57  INT RNC ENC INT RNC  Tris showing depth in meters pier avec les profondeurs en mètres papel con profundidades en metros  NHS has production responsibility for the charts INT 904 Dronning Maud La Siple - Cape Colbeck. Both areas are also covered with Overview ENCs.	Covered by INT or other paper charts meeting S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4  Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57 Cubiertas por ENC cumpliendo S-57  INT RNC ENC  Tts showing depth in meters paper acceles profondeurs en mètres papel con profundidades en metros  NHS has production responsibility for the charts INT 904 Dronning Maud Land and Siple - Cape Colbeck. Both areas are also covered with Overview ENCs.	Covered by INT or other paper charts meeting S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-61 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57  Trts showing depth in meters pier avec les profondeurs en mètres papel con profundidades en metros  NHS has production responsibility for the charts INT 904 Dronning Maud Land and INT Siple - Cape Colbeck. Both areas are also covered with Overview ENCs.	Covered by INT or other paper charts meeting S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-61 Covered by ENC meeting S-57 Cubiertas por ENC cumpliendo S-57 Cubiertas por ENC cumpliendo S-57 Cubiertas por ENC cumpliendo S-57 INT RNC ENC INT RNC ENC INT RNC Cartes papel con profundidades en metros  NHS has production responsibility for the charts INT 904 Dronning Maud Land and INT 909 Mc Siple - Cape Colbeck. Both areas are also covered with Overview ENCs.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

#### Norway - Bouvet Island (H)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co Couvertu	pnic surveying / Leves nydrographiques / Levantamientos i werage re hydrographique a hidrográfica	Pro	Depth < 200n ofondeur < 20 fundidad < 20	0m	Pro	Depth > 200m ofondeur > 20 fundidad > 20	0m
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	0	0	100	0	0	100
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas		1					

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre	YES	
Plan principal	1123	
A1 area Zone A1	YES	
Zona A1	TLS	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	YES	

#### Norway - Bouvet Island (H)

Nautical	charting	g / Cartographie marine /	Cartograf	ia náutica									
Couvertu	re des c	ts published artes publiées tas publicadas			Navi	shore pas gation au saje offsh	large	Atterriss	all and Coasta age et naviga lada y Pasaje	tion côtière	Appr	aches and oches et j ches y pu	ports
Concitui	Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4			0	July Olish		0			100	enes y pu	100	
	% () % ()	Covered by RNC mee Couvert par des RNC Cubiertas por RNC c Covered by ENC mee Couvert par des ENC Cubiertas por ENC c	eting S-62 conform umpliend ting S-52 conform	1 nes S-61 do S-61 7 nes S-57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Cartes pap	oier avec	ing depth in meters les profondeurs en mètres n profundidades en metros	100 %	Paper charts referenced Cartes papier rapportée satellitaire Cartas de papel referida	s à un systè	ne géodésiq	ue	100 %	Data sour Source de Origen de	es données			
Notes Notes Notas	* Off Coas	has production refshore passage/Sm stal ENC coverage aster charts: Norwa	all and	Landfall and (	Coasta	l passa	•		UKHO	has O	verviev	v and	

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

#### Norway - INT Region D (D)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Couverture hydrographique Profondeur < 200m Profondeur > 200mCobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 48 43 30 27 24 28 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	YES	

# Norway - INT Region D (D)

Nautical c	charting / Cartographie marine /	/ Cartografi	a náutica									
	of charts published				hore pas		Landfal	l and Coastal	passage		aches and	
Couverture des cartes publiées			Navigation au large			Atterrissage et navigation côtière Recalada y Pasaje costero			Approches et ports			
Cobertura	de cartas publicadas			Pas	aje offsh	ore	Recai	ada y Pasaje d	costero	Apro	ches y pu	ertos
	Covered by INT or other pay Couvert par des cartes papie Cubiertas por cartas de pape	er INT ou au	tres conformes S-4	100		100	100		100	100		100
	Covered by RNC med Couvert par des RNC Cubiertas por RNC c  Covered by ENC med Couvert par des ENC	eting S-61 C conform cumpliend eting S-57	nes S-61 lo S-61									
	Cubiertas por ENC c			INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Cartes papi	ts showing depth in meters ier avec les profondeurs en mètres apel con profundidades en metros	100 %	Paper charts referenced Cartes papier rapportée satellitaire Cartas de papel referida	to a satellite s à un systèn	datum ne géodésiqu		100 %	Data sour Source de Origen de	ce s données	:	KINC	ENC
Notes Notes Notas	Norway does not produ	acc faste	i Citarts									

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

#### Norway - INT Region N (N)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Couverture hydrographique Profondeur < 200m Profondeur > 200mCobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 82 5 13 26 0 74 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	YES	
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

#### Norway - INT Region N (N)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 66 63 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes A. Paper charts: Notes \* Western area of Svalbard with the major ports is covered by both paper charts and ENCs. 18 of 27 Notas paper charts. Norway mainland are covered by paper charts. B. Raster charts: Norway does not produce raster charts

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

## Norway - Jan Mayen (D)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	apnic surveying / Leves nydrograpniques / Levantamientos i overage are hydrographique a hidrográfica	Dep Profo	oth < 200m ndeur < 200m ndidad < 200m	Profond	h > 200m leur > 200m idad > 200m
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	10	90	31	69
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente				
Notes Notes Notas					

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	YES	

# Norway - Jan Mayen (D)

	charting / Cartogr		Cartograf	ia náutica									
	of charts publish					shore pas		Landfa	ll and Coastal	passage		aches and	
	re des cartes publ				Navigation au large			Atterrissage et navigation côtière			Approches et ports		
Cobertur	a de cartas public	adas			Pasaje offshore			Recal	Recalada y Pasaje costero			Aproches y puertos	
	% Couvert par		r INT ou at	itres conformes S-4	100		100	100		100	0		0
Cartes pap	Couvert par Cubiertas po Covered Couvert p Cubiertas Covered Covered Covered Covered	des cartes papie or cartas de papie or cartas de papie oby RNC mecoar des RNC compar des ENC mecoar des ENC cometers leurs en mètres lades en metros	er INT ou at el INT o otre eting S-62 conformumplience eting S-57 conformumplience 100 %	tres conformes S-4 as cumpliendo S-4 l nes S-61 do S-61 7 nes S-57 lo S-57 Paper charts referenced Cartes papier rapportées satellitaire Cartas de papel referida	INT to a satellite s à un systèr	ne géodésiqu	ENC	INT 00 %	RNC Data sour Source de Origen de	ENC ce s données	INT	RNC	ENC

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

# Norway - Peter I Øy (M)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

	verage re hydrographique a hidrográfica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
Cobertur	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	PTO	rundidad < 20	JUM .	Pro	Tundidad > 20	JUM	
Notes Notes Notas	LINZ has recently surveyed the anchorages in coverage due to the extreme weather and limited time available on location.	-		-		_	~ _	

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre		
Plan principal		
A1 area		
Zone A1		
Zona A1		
A2 area		
Zone A2		
Zona A2		
A3 area		
Zone A3		
Zona A3		
NAVTEX		
NAVTEX		
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

#### Norway - Peter I Øy (M)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes **Informations nautiques** Status Notes Información náutica Estado Notas Local warnings **Avertissements locaux** Avisos locales Coastal warnings

Avertissements côtiers
Avisos costeros
NAVAREA warnings
Avertissements NAVAREA
Avisos NAVAREA

Information on ports and harbours Information sur les ports et rades Información sobre puertos

## Norway - Svalbard (D)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co Couvertu	pmc surveying / Leves nydrographiques / Levantamientos n werage re hydrographique a hidrográfica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Pro	Depth > 200n ofondeur > 20 ofundidad > 2	00m
	Adequately surveyed Correctement hydrographié	29	7	64	20	2	78
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	Large areas are covered by ice all year round	d or part o	f the year				

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	YES	
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

#### Norway - Svalbard (D)

Nautical charting / Cartographie marine / Cartografia náutica

NAVAREA warnings

Avertissements NAVAREA Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades YES

YES

Coverage of charts published Couverture des cartes publiées			Offshore passage Navigation au large				l and Coasta ge et naviga		Approaches and Ports Approches et ports				
		artas publicadas				auon au aje offsh			da y Pasaje			ches y pu	
	%	Covered by INT or other paper Couvert par des cartes papier Cubiertas por cartas de papel	INT ou autres cor	nformes S-4				66			2		
	%	Covered by RNC meet Couvert par des RNC Cubiertas por RNC cu	ting S-61 conformes S-6 ampliendo S-6	61									
	%	Covered by ENC meet Couvert par des ENC	conformes S-5	1									
	_	Cubiertas por ENC cu			INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
		wing depth in meters ec les profondeurs en mètres	Cartes pa	arts referenced apier rapportées			ie		Data sour Source de	ce es données			
		con profundidades en metros	satellitaii Cartas de	re e papel referidas	s a un datun	satelital				e los datos			
Notes		<u> </u>	•								•		
Notes													
		y Information / Renseignen	nents sur la sécu	rité maritim	ne / Infor	mación s	sobre seg						
Navigatio			Status	<u> </u>				Note					
Informati Informaci			Status Estado					Note Note					
	Loca Aver Aviso	l warnings tissements locaux os locales	YES					2100					
	Aver	tal warnings tissements côtiers os costeros	YES										

## Oman (I)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co Couvertu	pnic surveying / Leves nydrographiques / Levantamientos r werage re hydrographique a hidrográfica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Pre	Depth > 200n ofondeur > 20 ofundidad > 2	00m
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	43	11	46	62	8	30
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes		ı					
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre	YES	
Plan principal	TES	
A1 area		
Zone A1	NO	
Zona A1		
A2 area	l No	
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

#### Oman (I)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 35 0 0 40 0 0 70 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	Partial	Through Muscat Radio for area as far as Ra's Al Hadd.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Through NAVAREA IX Coordinator.
Information on ports and harbour Information sur les ports et rades Información sobre puertos	Partial	All main ports.

## Pakistan (I)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	aphic surveying / Levés hydrographiques / Levantamientoverage ure hydrographique ra hidrográfica	Pro	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
•	Adequately surveyed Correctement hydrographié	99	1	0	68	32	0	
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas		1						
Notas								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre	YES	
Plan principal	1123	
A1 area Zone A1	YES	
Zona A1	TLS	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	YES	

#### Pakistan (I)

Nautical charting / Cartographie marine / Cartografia náutica

Avertissements côtiers

Avisos costeros NAVAREA warnings Avertissements NAVAREA

Avisos NAVAREA

Information on ports and harbours

Information sur les ports et rades Información sobre puertos YES

YES

YES

Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertur<u>a de cartas</u> publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT ENC **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes **Informations nautiques** Status Notes Información náutica Estado Notas Local warnings YES **Avertissements locaux** Avisos locales Coastal warnings

Coordinator NAVAREA IX

## Palau (K)

Hydrographic surveying / Leyés hydrographiques / Leyantamientos hidrográficos

Survey co Couvertu	verage re hydrographique a hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m	Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente				
Notes Notes Notas	Two independent surveys by private sector In the Government. No new surveys have been data and not 100% reliable.				

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

#### Palau (K)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	New initiative provided only during weekdays between 0800 - 1700 Hrs on 156.8MHz. Small Craft Warning utilising flags at local docks.
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	

## Palestinian Authority (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	verage	Depth < 200m	Depth > 200m
Couvertu	re hydrographique	Profondeur < 200m	Profondeur > 200m
Cobertur	Adequately surveyed Correctement hydrographié Adecuadamente levantado	Profundidad < 200m	Profundidad > 200m
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento		
	Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente		
Notes Notes Notas			

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre		
Plan principal		
A1 area		
Zone A1		
Zona A1		
A2 area		
Zone A2		
Zona A2		
A3 area		
Zone A3		
Zona A3		
NAVTEX		
NAVTEX		
NAVTEX		
Safety NET		
Safety NET		
Safety NET		

#### Palestinian Authority (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes **Informations nautiques** Status Notes Información náutica Estado Notas Local warnings Avertissements locaux Avisos locales Coastal warnings

Avertissements côtiers
Avisos costeros
NAVAREA warnings
Avertissements NAVAREA
Avisos NAVAREA

Information on ports and harbours Information sur les ports et rades Información sobre puertos

#### Panama (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m ofondeur < 20 fundidad < 20	0m	Pro	Depth > 200m fondeur > 20 fundidad > 20	0m
Adequately surveyed Correctement hydrographié	29	20	51	11	0	89
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						

#### Notes Notes Notas

- 1. Special national circumstances which influence the statistical break-down above (e.g. geographical factors such as narrow continental shelf or fringing reefs, or constraints such as areas of unstable seabed which require a routine resurvey programme):
- 2. Significant shortfalls in sea areas of high priority for maritime traffic:
- a. Maritime Shipping Routes:
- (I) International (i .e. between hub ports): None
- (2) Regional (i.e. between hub ports and feeder ports):

Some of the areas on the north coast have not been surveyed in a century

- (3) Internal (i.e. from feeder ports to other national ports; cruise liner routes):
- b. Ports and Approaches:

The Panama Canal is well surveyed and most of the other ports were surveyed in the late 1970's and 80's

in whole or in part. The exceptions are the Golfo de Montijo and Isla de Coiba which were last surveyed in 1934. No survey data exists for the approach to Punta Rincon.

GMDSS implem	nentation	Status	Notes
Mise en œuvre du SMDSM		Status	Notes
Implementación	n SMSSM	Estado	Notas
Maste	er plan		
Plan o	cadre	NO	
Plan p	principal		
A1 ar	rea		
Zone	A1	NO	
Zona	A1		
A2 ar	rea		
Zone	A2	NO	
Zona	A2		
A3 ar	rea		
Zone	A3	NO	
Zona	A3		
NAV'	TEX		
NAV	TEX	NO	
NAV'	TEX		
	y NET		
	y NET	NO	
Safety	y NET		

### Panama (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Aproches y puertos Cobertura de cartas publicadas Covered by INT or other paper charts meeting S-4 100 100 100 85 85 85 85 85 85 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT ENC **RNC ENC** INT **RNC ENC** INT RNC Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 95 % 90 % UK Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Carribean Coast Notes Passage; 4402 & 396 Notas Landfall & Coastal Port & Approach; 55, 56, 1400, 2417, CP1-3 Pacific Coast Passage; 4811 Landfall & Coastal; 1020, 2496, 1929, 2258, 2493 Port & Approach; CP4 - 5 Coastal and port coverage and data required to support Puerto Internacional Punta Rincon.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Unknown	
Coastal warnings Avertissements côtiers Avisos costeros	Unknown	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	Unknown	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Unknown	

## Papua New Guinea (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	20	3	77	5	27	68
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes		1			<u> </u>		
Notas							

GMDSS i	mplementation	Status	Notes
Mise en œuvre du SMDSM		Status	Notes
Implemen	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	NO	In progress
	A1 area Zone A1 Zona A1	YES	VHF DSC coverage for Port Moresby harbour
	A2 area Zone A2 Zona A2	YES	Current upgrades of PNG Coast radio Station, Port Moresby radio / P2M to A3 standard
	A3 area Zone A3 Zona A3	Unknown	Current upgrades of PNG Coast radio Station, Port Moresby radio / P2M to A3 standard
	NAVTEX NAVTEX NAVTEX	NO	
	Safety NET Safety NET Safety NET	YES	MET, SAR though JRCC Australia

# Papua New Guinea (L)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 99 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % SWPHC 14 Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Australia as PCA under bilateral agreement prepares C-55 Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	Port Moresby Radio (call sign P2M)
Coastal warnings Avertissements côtiers Avisos costeros	YES	Port Moresby Radio (call sign P2M)
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Channeled through JRCC Australia and Port Moresby Radio P2M
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Unknown	

# Paraguay (C1)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	0	0	0	0	0	0	
Notes Notes Notas	Inland Waterways							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	N/A	
A1 area Zone A1 Zona A1	N/A	
A2 area Zone A2 Zona A2	N/A	
A3 area Zone A3 Zona A3	N/A	
NAVTEX NAVTEX NAVTEX	N/A	
Safety NET Safety NET Safety NET	N/A	

#### Paraguay (C1)

	charting / Cartographie marine /	Cartografia náutica										
Coverage of charts published				Offshore passage				l and Coasta	al passage	Approaches and Ports		
	re des cartes publiées		1	Navigation au large				ge et naviga		TT		
Cobertura	a de cartas publicadas			Pasaje offshore			Recalada y Pasaje costero			Aproches y puertos		
	Covered by INT or other paper Couvert par des cartes papier Cubiertas por cartas de papel	INT ou autres conformes	S S-4	0	0	0	0	0	0	0	0	0
	Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57			NT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Paper charts showing depth in meters Cartes papier avec les profondeurs en mètres Cartas de papel con profundidades en metros  Paper charts referenc Cartes papier rapport satellitaire Cartas de papel referi			portées à un	ı systèn	ne géodésiqu	ue	:		rce es données e los datos			
Notes	Inland waters	, , , , ,					I.					
Notes Notas												
Maritime	Safety Information / Renseigner	nents sur la sécurité ma	aritime / ]	Infor	mación s	sobre seg	uridad m	narítima				
	nal information	Status					Note					
	ons nautiques	Status					Note					
	ón náutica	Estado					Nota	as				
	Local warnings Avertissements locaux Avisos locales	N/A										
	Coastal warnings	) T/A										
	Avertissements côtiers	N/A										

Avisos costeros NAVAREA warnings

Avertissements NAVAREA Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades N/A

N/A

# Peru (C2)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamien  Survey coverage  Couverture hydrographique  Cobertura hidrográfica	Pro	Depth < 200n ofondeur < 20 fundidad < 2	00m	Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié Adecuadamente levantado	100	0	0	5	75	20	
Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas	nultibeam sur	veys for a	pproaching	g charts.			
110143							

GMDSS i	mplementation	Status	Notes
Mise en o	euvre du SMDSM	Status	Notes
Implemen	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	YES	By Dirección General de Capitanías y Guardacostas
	A1 area Zone A1 Zona A1	YES	By Dirección General de Capitanías y Guardacostas
	A2 area Zone A2 Zona A2	YES	By Dirección General de Capitanías y Guardacostas
	A3 area Zone A3 Zona A3	YES	By Dirección General de Capitanías y Guardacostas
	NAVTEX NAVTEX NAVTEX	YES	By Dirección General de Capitanías y Guardacostas
	Safety NET Safety NET Safety NET	YES	By Dirección de Hidrografía y Navegación

#### Peru (C2)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Approaches and Ports Offshore passage Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertur<u>a de cartas</u> publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 80 100 0 100 97 97 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 RNC ENC INT INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Peruvian Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Surveys Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Cartas de Papel publicadas 115 Notes Portulanos 75 Notas Recaladas 30 Ruta 6 Generales 3 Oceánicas 1 Cartas Electronicas Publicadas 127

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

# Philippines (K)

Hydrographic surveying / Levés hydrographiques / Levantamientos Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
%	Adequately surveyed Correctement hydrographié Adecuadamente levantado	14	0	86	63	0	37
<b>%</b>	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento						
%	Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
otas 2.	Domestic sea lanes Routes commonly used by international v Primary ports and harbors	vessels					

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre		
Plan principal		
A1 area		
Zone A1		
Zona A1		
A2 area		
Zone A2		
Zona A2		
A3 area		
Zone A3		
Zona A3		
NAVTEX		Operated by the Philippine Coast Guard. NAVTEX is under
NAVTEX	YES	
NAVTEX		rehabilitation until the end of 2025.
Safety NET		
Safety NET	NO	
Safety NET		

#### Philippines (K)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Aproches y puertos Cobertura de cartas publicadas Pasaje offshore Covered by INT or other paper charts meeting S-4 100 0 100 89 0 62 68 27 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **RNC ENC** INT **RNC ENC** INT **RNC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 73 % 61 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes 1. Has an on-going co-production agreement with UKHO Notes 2. INT Charts for landfall and coastal passage follow new scheme (1:150,000) Notas 3. Most ENCs for landfall and coastal passage are encoded as GB cells 4. RNCs covering Philippine waters are available through UKHO Admiralty Raster Chart Service

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	Also provided by other gevernment agencies.
Coastal warnings Avertissements côtiers Avisos costeros	YES	Also provided by other gevernment agencies.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Passed to NAVAREA co-ordinator.
Information on ports and harbours Information sur les ports et rades Información sobre puertos		Also available on Port Authority web-site.

## Poland (E)

Hydrographic surveying / Leyés hydrographiques / Leyantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamientos l Survey coverage Couverture hydrographique Cobertura hidrográfica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0 <b>m</b>	Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié	36	64	0	0	0	100
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Percent of adequate surveyed areas refers to There are no areas deeper than 200 meters in			ys with mu	ıltibeam te	echniques	S.
Notas						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	YES	Through Baltic Sea -area Coordinator
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

#### Poland (E)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT ENC **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Poland does not produce small scale charts (1:2 000 000 and smaller). Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes **Informations nautiques** Status Notes Información náutica Estado Notas Local warnings YES **Avertissements locaux** Avisos locales

Coastal warnings Avertissements côtiers

Avisos costeros **NAVAREA** warnings Avertissements NAVAREA

Avisos NAVAREA

Information on ports and harbours

Information sur les ports et rades

Información sobre puertos

YES

NO

YES

_	
	502 Baltic Pilot, Polish Coast, Editon 2022.
	542 The guide to selected ports of the Polish coast. Edition 2024.
	Last undate / Mise à jour / Actualización: 09/07/2024

## Portugal (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica			Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
-	Adequately surveyed Correctement hydrographié	100	0	0	99	0	1	
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes		I			<u> </u>			
Notas								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	NO	Planning underway.
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	NO	Planning underway.

# Portugal (G)

Nautical charting / Cartographie marine / Cartografia náutica												
Coverage of charts published				Offshore passage			Landfall and Coastal passage			Approaches and Ports		
Couverture des cartes publiées				Navigation au large			Atterrissage et navigation côtière			Approches et ports		
Cobertura de cartas publicadas			Pasaje offshore			Recalada y Pasaje costero			Aproches y puertos			
% Couvert pa		r INT ou at	neeting S-4 atres conformes S-4 as cumpliendo S-4	100	0	100	100	0	100	100	0	100
Covered Covered Covered Covered	by RNC mee par des RNC as por RNC c by ENC mee par des ENC as por ENC c	eting S-62 Conform umpliend eting S-57 Conform	1 nes S-61 do S-61 7 nes S-57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Cartes papier avec les profondeurs en mètres 100 % Cartes papier rapporté satellitaire				ées à un système géodésique 90 % Source des données								
Notes Notas  Values rela	ung omy to	charts p	produced by I									

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

## Portugal Azores (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

36

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan	MEG	
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	NO	Planning underway.
Zona A1		,
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	NO	Planning underway.
Zona A3		
NAVTEX		
NAVTEX	YES	
NAVTEX		
Safety NET		
Safety NET	NO	Planning underway.
Safety NET		

### Portugal Azores (G)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertur<u>a de cartas</u> publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT ENC **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 77 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Values relating only to charts produced by IHPT. Notes Notas

Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes **Informations nautiques** Status Notes Información náutica Estado Notas Local warnings YES **Avertissements locaux** Avisos locales Coastal warnings Avertissements côtiers YES Avisos costeros **NAVAREA** warnings YES Avertissements NAVAREA Avisos NAVAREA Information on ports and harbours YES Information sur les ports et rades

Información sobre puertos

## Portugal Madeira (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Pı	Depth < 200m ofondeur < 200m ofundidad < 200m	Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié	81	0 19	19 72 9			
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levé Requiere nuevo levantamient  Never systematically surveye Jamais hydrographié systéma Nunca levantado sistemátical	to d atiquement					
Notes Notes Notas	,		,			
Titulas						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	NO	Planning underway.
Zona A1		,
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	NO	Planning underway.
Zona A3		
NAVTEX		
NAVTEX	YES	
NAVTEX		
Safety NET		
Safety NET	NO	Planning underway.
Safety NET		

## Portugal Madeira (G)

Nautical c	harting / Cartographie marine /	Cartograf	ia náutica									
	of charts published			Offshore passage			Landfall	and Coasta	l passage	Approaches and Ports		
	re des cartes publiées			Navigation au large			Atterrissage et navigation côtière			Approches et ports		
Cobertura	de cartas publicadas			Pas	saje offsh	ore	Recala	da y Pasaje	costero	Apro	ches y pu	ertos
	Covered by INT or other pap Couvert par des cartes papie Cubiertas por cartas de pape	r INT ou at	itres conformes S-4	100	0		100	100	0	100	100	0
	Covered by RNC mee Couvert par des RNC Cubiertas por RNC co Covered by ENC mee Couvert par des ENC	Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57				ENC	INT	RNC	ENC	INT	RNC	ENC
	ts showing depth in meters		Paper charts referenced					Data sour				
	ier avec les profondeurs en mètres apel con profundidades en metros	100 %	Cartes papier rapportée satellitaire			ue /			es données e los datos			
Notes		aharta r	Cartas de papel referida		n satefftal			origen de	. 105 uat08	<u>'  </u>		
Notes	Values relating only to	charts p	noduced by n	ΠΓΙ.								
Notas												
Notas												

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

## Qatar (I)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey cov Couvertur	phic surveying / Levés hydrographiques / Levantamientos hi verage re hydrographique a hidrográfica	Pro	Depth < 200n ofondeur < 20 fundidad < 2	00m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	1	60	39		100		
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement							
Notes	Nunca levantado sistemáticamente							
	No survey 0-200m 39%. Continuous multibeam bathymetric survey o	f the water	ers of Qata	ar.				

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	YES	

#### Qatar (I)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT RNC Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données UK satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Full charting coverage of all major ports and approaches provided by the UK. Notes Notas

j		
Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	MSI data provided by the MWANI - Qatar Ports Management Company.

## Republic of Korea (K)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co Couvertu Cobertur	verage re hydrographique a hidrográfica	Pr	Depth < 200n ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	97	3	0	100	0	0	
Notes Notes Notas	Depths shallower than 200 m are to be adeq	uately sur	veyed by 2	2022 in the	eir entirety	· .		

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	YES	
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

# Republic of Korea (K)

Nautical charting / Cartogra	aphie marine /	Cartograf	ïa náutica									
Coverage of charts publishe Couverture des cartes publi Cobertura de cartas publica	d ées			Offshore passage Navigation au large Pasaje offshore			Landfall and Coastal passage Atterrissage et navigation côtière Recalada y Pasaje costero			Approaches and Ports Approches et ports Aproches y puertos		
% Couvert par		er INT ou at	neeting S-4 atres conformes S-4 as cumpliendo S-4	100	0	100	100	0	100	100	0	100
Covered by Couvert p	oy RNC mee oar des RNC por RNC c oy ENC mee oar des ENC por ENC c	1 nes S-61 do S-61 7 nes S-57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC	
Paper charts showing depth in Cartes papier avec les profond Cartas de papel con profundida	meters eurs en mètres	100 %	Paper charts referenced Cartes papier rapportées satellitaire Cartas de papel referida	to a satellite s à un systèn	datum ne géodésiqu		100 %	Data sour Source de Origen de	ce s donnée	s		
Notes Notes Notas												

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Sent to NAVAREA Coordinator (Japan)
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

## Republic of Moldova (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m	Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente					
Notes Notas					

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	N/A	
A1 area Zone A1 Zona A1	N/A	
A2 area Zone A2 Zona A2	N/A	
A3 area Zone A3 Zona A3	N/A	
NAVTEX NAVTEX NAVTEX	N/A	
Safety NET Safety NET Safety NET	N/A	

#### Republic of Moldova (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Aproches y puertos Cobertura de cartas publicadas Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes **Informations nautiques** Status Notes

Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	N/A	
Coastal warnings Avertissements côtiers Avisos costeros	N/A	
NAVAREA warnings Avertissements NAVAREA	N/A	

Avisos NAVAREA

Information on ports and harbours
Information sur les ports et rades
Información sobre puertos

### Romania (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co Couvertu	Hydrographic surveying / Levés hydrographiques / Levantamientos Survey coverage Couverture hydrographique Cobertura hidrográfica		Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m		
	%	Adequately surveyed Correctement hydrographié	30	70	0	70	25	5
		Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas			•		'			
110143								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre	YES	By Maritime Rescue Coordination Center (MRCC)and
Plan principal		RADIONAV
A1 area	VEC	
Zone A1 Zona A1	YES	
A2 area	TIEG	
Zone A2 Zona A2	YES	
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX	MEG	In Romanian by RADIONAV (490 kHz) and in English (518 kHz)
NAVTEX NAVTEX	YES	through VARNA RADIO
Safety NET		
Safety NET	YES	
Safety NET		

#### Romania (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Aproches y puertos Cobertura de cartas publicadas Covered by INT or other paper charts meeting S-4 0 0 0 100 0 60 100 50 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Romanian Maritime Hydrographic Directorate does not produce raster charts. Notes All INT Charts and National Paper Charts are based on WGS84 datum. Notas All Romanian Nautical Paper Charts (not just INT Charts) are in line with S-4. ENCs are commercially available through IC-ENC.

		<u>.                                      </u>				
Navigational information	Status	Notes				
Informations nautiques	Status	Notes				
Información náutica	Estado	Notas				
Local warnings		Provided by Maritime Hydrographic Directorate, Constantza Regional Meteorologic Center and				
Avertissements locaux	YES	Romania Maritime Rescue Coordination Center (MRCC) through the Coastal Radio Station -				
Avisos locales		RADIONAV in Romanian (490 kHz) and in English (518 kHz) through VARNA RADIO				
Coastal warnings						
Avertissements côtiers	YES	Same as Local Warnings				
Avisos costeros						
NAVAREA warnings						
Avertissements NAVAREA	YES	Passed to NAVAREA III coordinator				
Avisos NAVAREA						
Information on ports and harbours						
Information sur les ports et rades	YES	By port authorities				
Información sobre puertos		V 1				

### **Russian Federation (E)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Pr	Depth < 200m ofondeur < 20 ofundidad < 20	0 <b>m</b>	Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié	99.7	0.3	0	0	0	0	
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiqu Nunca levantado sistemáticament							
Notes Notes	1		1				
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	Implemented by the Russian Federation Ministry of Transport ("Morsvyazsputnik")
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	YES	

### Russian Federation (E)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Aproches y puertos Cobertura de cartas publicadas Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 40 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Offshore Passage /Small RNC: The Department of Navigation and Oceanography of the Russian Notes Federation Ministry of Defense (DNO RF MD) does not publish Raster Navigational Charts. Notas The DNO RF MD maintains a world portfolio of nautical charts. There are 4565 nautical charts issued beyond the limits of EEZ of the Russian Federation.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	Implemented by port authorities (the Russian Federation Ministry of Transport)
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

#### Russian Federation - INT Region K (K)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur < 200m Couverture hydrographique Profondeur > 200mCobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area	TITIC	
Zone A3	YES	
Zona A3		
NAVTEX	T.TEG	NAMADEAT
NAVTEX	YES	NAVAREA I
NAVTEX		
Safety NET	MEG	NAMADEA WIII
Safety NET	YES	NAVAREA XIII
Safety NET		

### **Russian Federation - INT Region K (K)**

	charting / Cartographie marine /	Cartografia náutica									
	of charts published			shore pas		Landfall	and Coasta	l passage		aches an	
	re des cartes publiées			gation au			ge et naviga		Approches et ports Aproches y puertos		
Cobertur	a de cartas publicadas		Pa	saje offsh	ore	Recaia	da y Pasaje	costero	Apro	ches y pu	iertos
	Covered by INT or other pap	per charts meeting S-4									
		r INT ou autres conformes S-4									
	Cubiertas por cartas de pape	el INT o otras cumpliendo S-4	1	•	•	1	•		1	•	•
	Covered by RNC mee	eting S-61									
	% Couvert par des RNC										
	Cubiertas por RNC co										
	_	- I									
	Covered by ENC mee	_									
	Couvert par des ENC										
	Cubiertas por ENC cu		INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
	rts showing depth in meters	Paper charts referenced Cartes papier rapportées			ue		Data soui				
	papel con profundidades en mètres	satellitaire						es données			
Notes	paper con profundidades en metros	Cartas de papel referida	s a un datu	m satelitai			Origen de	e los datos			
Notes											
Notas											
	Safety Information / Renseigne		ne / Info	rmación	sobre seg						
	onal information	Status				Note					
	ions nautiques	Status				Note					
Informac	ión náutica	Estado				Nota	as				
	Local warnings Avertissements locaux	YES									
	Averussements locaux Avisos locales	I L'S									
	Coastal warnings										
	Avertissements côtiers	YES									
	Avisos costeros										
	NAVAREA warnings										
	Avertissements NAVAREA	YES									

Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades

YES

#### Russian Federation - INT Region N (N)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Couverture hydrographique Profondeur < 200m Profondeur > 200mCobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre		
Plan principal		
A1 area		
Zone A1		
Zona A1		
A2 area		
Zone A2		
Zona A2		
A3 area		
Zone A3		
Zona A3		
NAVTEX		
NAVTEX		
NAVTEX		
Safety NET		
Safety NET		
Safety NET		

### Russian Federation - INT Region N (N)

	arting / Cartographie marine / C	Cartografia náutica										
	charts published						Landfall and Coastal passage			Approaches and Ports		
	des cartes publiées			gation au	_		age et naviga		Approches et ports			
Cobertura d	le cartas publicadas		Pa	saje offsh	ore	Kecai	ada y Pasaje	costero	Apro	ches y pu	iertos	
	Covered by INT or other paper	er charts meeting S-4										
9	Couvert par des cartes papier											
	Cubiertas por cartas de papel	INT o otras cumpliendo S-4		1		<del> </del>		1				
_	— Commad has DNC as a se	C (1										
	Covered by RNC meet											
	<b>Couvert par des RNC</b>											
	Cubiertas por RNC cu	mpliendo S-61										
	Covered by ENC meet	ing S-57										
o	Couvert par des ENC	_										
	Cubiertas por ENC cu		L	DNG	ENIC	L	DNG	ENIC	L	- DNG	ENIC	
			INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC	
	showing depth in meters r avec les profondeurs en mètres	Paper charts referenced Cartes papier rapportée			ue		Data sour	rce es données				
	pel con profundidades en metros	satellitaire Cartas de papel referida	c o un dotu	m catalital				e los datos				
Notes	per con profuncional con metros	Cartas de papei referida	s a un datu	iii sateiitai			Origen u	t ios uatos				
Notes												
Notas												
LL												
Maritime Sa	afety Information / Renseignen	nents sur la sécurité maritin	ne / Info	rmación s	sobre seg	guridad r	narítima					
	l information	Status				Not	tes					
Information		Status				Not	tes					
Información		Estado				Not	as					
	ocal warnings											
l I	vertissements locaux											
	visos locales											
l	coastal warnings											
l I	vertissements côtiers											
· —	visos costeros AVAREA warnings											
l I	vertissements NAVAREA											
	visos NAVAREA											
	nformation on ports and harbours											

Information sur les ports et rades Información sobre puertos

## Saint Kitts & Nevis (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey of Couvert	apine surveying / Leves nydrograpinques / Levaniannenios n overage ure hydrographique ra hidrográfica	Pro	Depth < 200m fondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	1	6	93	20	0	80
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	No survey 0-200m 93% >200m 80%  1. The deep water area to the east of the island the west of the islands there are some moder Modern surveys have been conducted in Bas approaches, the Narrows, and portions of the 2. Lidar data to be processed prior to support	n surveys. seterre Ba e shallow s	y, Long P shelf surro	Point, Char ounding St	rlestown F . Kitts and	Harbour ar l Nevis.	

GMDSS i	implementation	Status	Notes
Mise en o	euvre du SMDSM	Status	Notes
Implemen	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	NO	St. Kitts and Nevis Coast Guard is responsible for coordinating search and Recue operations in collaboration with Martine Rescue Co-ordinating Centers (MRCC) Fort-de-France Martinique, the primary Search and Rescue entity in the Eastern Caribbean. Continuous radio watch is maintained on VHF Ch. 16.  The International Radio Medical Centre (ICRMD provides round the clock, five radio medical assistance to patients onboard ships flying the flag of St. Kitts and Nevis. In addition, details of SkN Flag ships Emergency Position Indicating Radio Beacon (EPIRB) are recorded in COSPAS-SARSAT International Beacon Registration database (IBRD) for use by Search & Rescue organizations, in the event of the beacon's activation.
	A1 area Zone A1 Zona A1	NO	
	A2 area Zone A2 Zona A2	NO	
	A3 area Zone A3 Zona A3	NO	
	NAVTEX NAVTEX NAVTEX	NO	
	Safety NET Safety NET Safety NET	NO	

#### Saint Kitts & Nevis (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 0 100 100 100 30 30 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC RNC ENC** INT **RNC** INT **RNC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % UK Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos

Notes Notes Notas

- 1. Saint Kitts and Nevis is charted on GB 1025 which is also INT 4182.
- 2. Additional GB Charts covering Saint Kitts and Nevis are GB487, GB489 and GB583.
- 3. New survey data has been received for 3 main ports/harbours. (Basseterre Bay, Charlestown and Long Point). Not fully included in charts.
- 4. Marine management areas, including restrictions to fishing, conservation and tourism, have been created but not yet charted.
- 5. Full new editions will be required to include the above and newly collected data.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	The Department of Maritime Affairs (DMA)delegates the promulgation of local Notices to Mariners to the St. Christopher Air & Seaports Authority (SCASPA), Nevis Air & Seaports Authority (NASPA) and the Coast Guard. DMA in collaboration with SKN Coast Guard disseminate coastal warning with the assistance of MRCC Fort-de-France Martinique. DMA is the National Coordinator for World Wide Avrigational Warning Service (WWNWS), Nav Warnings are communicated to the Nav Area Coordinator for World Wide Navigational Warning Service. The St. Christopher Air & Scaports Authority (SCASPA) and Nevis Air & Seaports Authority (NASPA) Coordinate the issuance of Fort warnings through VHF channel 16 and 12.
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

### Saint Lucia (B)

Survey co Couvertu	aphic surveying / Levés hydrographiques / Levantamientos l overage are hydrographique ra hidrográfica	Pro	Depth < 200n ofondeur < 20 fundidad < 2	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	31	12	57	7	0	93
Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
otes otes otas	No survey 0-200m 57% >200m 93%  Outside the approaches to ports and harbour modern standards.	rs on the W	oast the	e narrow s	helf has no	ot been su	rveyed to

GMDSS i	mplementation	Status	Notes
Mise en α	euvre du SMDSM	Status	Notes
Implemer	ntación SMSSM	Estado	Notas
	Master plan		
	Plan cadre	NO	
	Plan principal		
	A1 area		
	Zone A1	NO	
	Zona A1		
	A2 area		
	Zone A2	NO	
	Zona A2		
	A3 area		
	Zone A3	NO	
	Zona A3		
	NAVTEX		
	NAVTEX	NO	
	NAVTEX		
	Safety NET		
	Safety NET	Unknown	ALRS are unaware of the degree of input into SafetyNET.
	Safety NET		

### Saint Lucia (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données UK satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Medium scale coverage is now provided by INT 4184 & 4186. Charts 499 & 197 updated and Notes published to include latest full seafloor survey 2018. Chart 1273 still requires updating. Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Unknown	
Coastal warnings Avertissements côtiers Avisos costeros	Unknown	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	Unknown	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Unknown	

#### Saint Vincent & the Grenadines (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur > 200mCouverture hydrographique Profondeur < 200m Cobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 3 1 99 35 0 62 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes No survey Notes 0-200m 35% Notas >200m 99%

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	Unknown	ALRS are unaware of the degree of input into SafetyNET.
Safety NET		- 1

#### Saint Vincent & the Grenadines (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 50 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT ENC **RNC ENC** INT **RNC ENC** INT RNC Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données UK satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes New editions published for - 797, 790, 795, 794, 793, 791, 597, 1043, including 2016 full seafloor Notes coverage in port areas and 2016-17 LIDAR survey data. New chart 720 (large scale of St George's Notas Harbour) was produced after discussions with local stakeholders.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Unknown	
Coastal warnings Avertissements côtiers Avisos costeros	Unknown	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	Unknown	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Unknown	

#### Samoa (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié	5	95	0	0	20	80
Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						

#### Notes Notes Notas

- 1. Data provided by NZ.
- 2. Apolima Strait, Salelologa Harbour and Mulifanua Harbour have been recently surveyed by LINZ. This covers the route of the interisland ferry.
- 3. Apia Harbour was recently surveyed by the RNZN. Numerous harbours are inadequately surveyed. These harbours require surveying to modern standards to meet the needs of contemporary shipping.
- 4. Many harbours are on an undetermined datum and require modern survey to position them on WGS84 datum.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	YES	NAVAREA XIV messages broadcast via SafetyNET (POR)

#### Samoa (L)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 80 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC RNC ENC** INT **RNC ENC** INT **RNC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 0 100 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos

Notes Notes Notas Apolima Strait, Salelologa Harbour and Mulifanua Harbour have been recently surveyed by LINZ. This covers the route of the interisland ferry. Apia Harbour was recently surveyed by the RNZN. This data has been incorporated onto charts.

Significant gaps in coverage:

Numerous coastal routes and harbours are inadequately surveyed. These areas require surveying to modern standards to enable charting.

Many small harbours are charted on an undetermined datum. These harbours require surveying to position them on WGS84 datum for modern charting.

LINZ has a prioritised ENC production schedule that includes small, medium and large scale ENCs for the areas that are adequately charted. ENCs cannot be produced for areas that are charted on an undetermined datum until modern surveying and charting is completed.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Partial	Passed to NZ
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Provided by NZ, NAVAREA XIV
Information on ports and harbours Information sur les ports et rades Información sobre puertos		Passed to NZ

#### Sao Tome & Principe (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Couverture hydrographique Profondeur < 200mProfondeur > 200mCobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 94 0 1 6 30 69 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes Values calculated by IHPT Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

## Sao Tome & Principe (G)

Nautical charting / Cartographie marine /	Cartografia náu	tica									
Coverage of charts published				shore pas		Landfa	ıll and Coasta	l passage		aches and	
Couverture des cartes publiées				gation au	_		age et navigat			oches et p	
Cobertura de cartas publicadas			Pas	saje offsh	ore	Reca	lada y Pasaje	costero	Apro	ches y pu	ertos
Covered by INT or other pap Couvert par des cartes papier Cubiertas por cartas de papel	INT ou autres co	onformes S-4	100	0	100	25	0	0	17	0	100
Covered by RNC meet Couvert par des RNC Cubiertas por RNC cu Covered by ENC meet Couvert par des ENC Cubiertas por ENC cu	conformes S- ampliendo S-c ting S-57 conformes S-	.57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Paper charts showing depth in meters Cartes papier avec les profondeurs en mètres Cartas de papel con profundidades en metros	100 % Cartes satellita	harts referenced papier rapportées tire de papel referida	s à un systèr	ne géodésiqu	1e 1	2 %	Data sour Source de Origen de	es données		IHPT	1
Notes Values relating only to							Jangen de				
Notes   Values relating only to	charts produ	iccu by II	111 1.								
Notas											
Maritime Safety Information / Renseigner	nents sur la séci	urité maritin	ne / Infor	mación s	sobre seº	uridad 1	marítima				
Navigational information	Status					No					
Informations nautiques	Status					No					

NT 1 41 11 0 41	Gt t	NT /
Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings		
Avertissements locaux	NO	
Avisos locales		
Coastal warnings		
Avertissements côtiers	NO	
Avisos costeros		
NAVAREA warnings		
Avertissements NAVAREA	NO	
Avisos NAVAREA		
Information on ports and harbours		
Information sur les ports et rades	NO	
Información sobre puertos		

## Saudi Arabia - INT Region I (I)

Hydrographic surveying / Leyés hydrographiques / Leyantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		I Pro	Depth < 200m fondeur < 20 fundidad < 20	0 <b>m</b>	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento	12	88	2	1	1	1	
	Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	Partial	Saudi Port Authority/ Coast Guard
Plan principal		·
A1 area		
Zone A1	Unknown	
Zona A1		
A2 area		
Zone A2	Unknown	
Zona A2		
A3 area		
Zone A3	Unknown	
Zona A3		
NAVTEX		
NAVTEX	Unknown	
NAVTEX		
Safety NET		
Safety NET	Unknown	
Safety NET		

# Saudi Arabia - INT Region I (I)

Nautical char	rting / Cartographie marine /	Cartograf	fia náutica									
Coverage of o	charts published les cartes publiées e cartas publicadas			Navig	shore pas gation au saje offsh	large	Atterrissa	ll and Coasta age et navigat ada y Pasaje	tion côtière	Approaches and Ports Approches et ports Aproches y puertos		
%	Covered by INT or other pap Couvert par des cartes papie Cubiertas por cartas de pape	r INT ou a	utres conformes S-4	0	0	0	0	0	0	0	0	0
9/6	Cubiertas por RNC cu Covered by ENC mee	confornumpliend	nes S-61 do S-61 7									
%	Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57			INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Cartes papier a	howing depth in meters avec les profondeurs en mètres el con profundidades en metros	0	Paper charts referenced Cartes papier rapportées satellitaire Cartas de papel referida	to a satellite s à un systèn	datum ne géodésiqu		0	Data sour Source de Origen de	ce es données		KNC	ENC
Notes Notas												

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	Saudi Port Authority
Coastal warnings Avertissements côtiers Avisos costeros	YES	Saudi Port Authority
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Saudi Port Authority
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Saudi Port Authority

## Saudi Arabia - INT Region J $(\mathbf{J})$

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamient Survey coverage Couverture hydrographique Cobertura hidrográfica		Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié	99.8	0.2	0	100	0	0	
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes		•						
Notas								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	YES	Via Jeddah Radio.
Safety NET Safety NET Safety NET	NO	Passed to NAVAREA IX co-ordinator.

### Saudi Arabia - INT Region J (J)

Nautical ch	narting / Cartographie marine / G	Cartografia náutic	a									
Couverture	f charts published e des cartes publiées			Navi	shore pas gation au	large	Atterrissa	l and Coasta ige et naviga ada y Pasaje	tion côtière	App	aches and roches et	ports
Cobertura	de cartas publicadas			Pas	saje offsh '	ore	Kecai	aua y 1 asaje	Costero	Apro	ches y pu	iertos
	Covered by INT or other paper	er charts meeting S-	4	0	0	0	0	0	0	0	0	0
	% Couvert par des cartes papier			U	0	0	U	U	U	U	0	0
	Cubiertas por cartas de papel	INT o otras cumpli	endo S-4		1	l	1	1		1		
	— C	C (1										
	Covered by RNC meet	-	.									
	<b>%</b> Couvert par des RNC											
اا	Cubiertas por RNC cu	mpliendo S-61										
	Covered by ENC meet	ing S-57										
	% Couvert par des ENC	-	,									
	-		′									
'	Cubiertas por ENC cu			INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
	s showing depth in meters	la*.	ts referenced t ier rapportées			ne l		Data sour				
	er avec les profondeurs en mètres	U satellitaire					-		es données			
	pel con profundidades en metros	Cartas de j	papel referidas	a un datui	n satelital			Origen de	e los datos	3		
Notes												
Notes												
Notas												
Monistin C	Sofoty Information / D	nomto a1- / '	tá m==='+'	/ T C	a =: /	a a <b>b</b>		a o mí t :				
	Safety Information / Renseignen		te maritim	ie / Info	rmación	sobre seg						
	al information	Status					Not					
	ns nautiques	Status					Not					
Informació		Estado					Not	as				
	Local warnings	VEC										
	Avertissements locaux	YES										
	Avisos locales											
1 (	Coastal warnings											

Avertissements côtiers

Avertissements NAVAREA Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades

Avisos costeros NAVAREA warnings YES

Partial

YES

### Senegal (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	apmic surveying / Leves nydrograpmiques / Levantaimentos i overage ire hydrographique ra hidrográfica	Pro	Depth < 200n ofondeur < 20 ofundidad < 2	00m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	2	76	22	16	0	84	
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes		1						
Notas								

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		Administrative Agreement between France and Senegal signed on
Plan cadre	YES	
Plan principal		February 12th 2009.
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	Dakar NAVTEX Station off air until further notice
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

#### Senegal (G)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 40 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes 1. Data provided by France according to FR-SN bilateral agreement. Notes 2. Medium scale ENC coverage: partially covered by GB ENCs. Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	by VHF.
Coastal warnings Avertissements côtiers Avisos costeros	YES	through NAVAREA II
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	through NAVAREA II
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

#### Seychelles (H)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié	25	40	35	0	0	100
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						

#### Notes Notes Notas

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 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 transitted 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.

GMDSS i	mplementation	Status	Notes
Mise en α	euvre du SMDSM	Status	Notes
Implemer	ntación SMSSM	Estado	Notas
	Master plan Plan cadre	YES	
	Plan principal	TLS	
	A1 area Zone A1 Zona A1	NO	Seychelles Radio (S7Q) reportedly maintains unofficial continuous listening watch on international distress frequencies but this is not a 'declared' service
	A2 area Zone A2 Zona A2	NO	Seychelles Radio (S7Q) reportedly maintains unofficial continuous listening watch on international distress frequencies but this is not a 'declared' service
	A3 area Zone A3 Zona A3	NO	Seychelles Radio (S7Q) reportedly maintains unofficial continuous listening watch on international distress frequencies but this is not a 'declared' service
	NAVTEX NAVTEX NAVTEX	YES	Mahe - 400 n mile range, broadcasts on 518kHz [T] and 490 kHz [M]
	Safety NET Safety NET Safety NET	NO	Via NAVAREA VIII Coordinator, India

#### Seychelles (H)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 75 100 100 50 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes 1. Figures provided by UK. Notes 2. Large scale chart coverage is restricted to the majority of the inhabited islands. Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux	YES	Seychelles Radio (S7Q) promulgates Weather Bulletins within 200
Avisos locales	1125	n miles
Coastal warnings Avertissements côtiers	YES	Seychelles Radio (S7Q) promulgates Weather Bulletins within 200
Avisos costeros		n miles
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Issued by NAVAREA VIII (India)
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Through UKHO

## Sierra Leone (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamientos   Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié	1	23	76	0	0	100
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	<ol> <li>Freetown and Sherbro Island covered by</li> <li>Rest of the coast uses mostly survey data</li> </ol>			-	rived FR	survey co	overage

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	NO	

### Sierra Leone (G)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Aproches y puertos Cobertura de cartas publicadas Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC **RNC ENC** INT **RNC ENC** INT **RNC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 90 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes 1. Charts and ENCs produced and maintained by UKHO as Primary Charting Authority (PCA). Notes 2. Charts are derived from very old sources or miscellaneous lines of passage soundings with the Notas exception of Freetown. 3. Survey data for Sherbro River channel received by UKHO March 2024. 4. IHO / UKHO Technical assessment Visit February 2023.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	Local Notices by SLPA
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	Via NAVAREA II
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	

## Singapore (K)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
-	Adequately surveyed Correctement hydrographié	100	0	0	100	0	0
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes		1			l		
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	YES	
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

# Singapore (K)

Nautical chart	ing / Cartographie marine /	Cartografi	a náutica									
Coverage of charts published			Offshore passage			Landfall and Coastal passage			Approaches and Ports			
Couverture des cartes publiées			Navigation au large			Atterrissage et navigation côtière			Approches et ports			
Cobertura de o	pertura de cartas publicadas			Pasaje offshore			Recalada y Pasaje costero			Aproches y puertos		
%			0	0	0	100	0	100	100	0	100	
%	Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57			INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Cartes papier av	owing depth in meters vec les profondeurs en mètres con profundidades en metros	100 %	Paper charts referenced Cartes papier rapportée satellitaire Cartas de papel referida	s à un systèi	ne géodésiqu	1 1	00 %		ce s données e los datos	l l		
Notes Notes Notas	per and ENC coverage					pore Si						

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Passed to NAVAREA IX co-ordinator (Japan).
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

## Slovakia (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	0	0	0	0	0	0
Notes Notes Notas	Inland waterways only; no problems reporte	ed.					

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	N/A	
A1 area Zone A1 Zona A1	N/A	
A2 area Zone A2 Zona A2	N/A	
A3 area Zone A3 Zona A3	N/A	
NAVTEX NAVTEX NAVTEX	N/A	
Safety NET Safety NET Safety NET	N/A	

#### Slovakia (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertur<u>a de cartas</u> publicadas Aproches y puertos Pasaje offshore Covered by INT or other paper charts meeting S-4 0 0 0 0 0 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Inland waterways Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes **Informations nautiques** Status Notes Información náutica Estado Notas Local warnings N/A **Avertissements locaux** Avisos locales Coastal warnings Avertissements côtiers N/A

Avisos costeros NAVAREA warnings Avertissements NAVAREA

Avisos NAVAREA

Information on ports and harbours

Information sur les ports et rades Información sobre puertos N/A

N/A

## Slovenia (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamientos   Survey coverage Couverture hydrographique Cobertura hidrográfica		Pro	Depth < 200m ofondeur < 20 fundidad < 20	00m	Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately su Correctement	hydrographié	40	60	0		100	
Re-survey req Nécessitant de Requiere nuev Never systema Jamais hydrog	damente levantado  rey required tant de nouveaux levés re nuevo levantamiento  ystematically surveyed hydrographié systématiquement evantado sistemáticamente						
Notes Notes Notas	deep water (>200m) areas.						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	Unknown	
Plan principal		
A1 area		
Zone A1	Unknown	
Zona A1		
A2 area		
Zone A2	Unknown	
Zona A2		
A3 area		
Zone A3	Unknown	
Zona A3		
NAVTEX		NAVTEX IT
NAVTEX	YES	
NAVTEX		NAVTEX HR
Safety NET		
Safety NET	Unknown	
Safety NET		

### Slovenia (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 40 100 40 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	MRCC Koper (SI), Trieste radio (IT), Rijeka radio (HR)
Coastal warnings Avertissements côtiers Avisos costeros	YES	MRCC Koper (SI), Trieste radio (IT), Rijeka radio (HR)
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	NAVAREA III (ES)
Information on ports and harbours Information sur les ports et rades Información sobre puertos		MRCC Koper (SI)

### Solomon Islands (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié	10	30	60	30	10	60	
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							

#### Notes Notes Notas

- 1. Coverage of the most frequented parts of these steep-to-islands is adequate, although the aim is to bring all areas within 200m to modern standards. Priority for modern survey are:
- a. International routes:

examination of shoals, banks and submarine volcanoes e.g Brougham Shoal, Edward Bank.

b. Internal routes: Iron Bottom Sound.

Ports and Approaches to Honiara, and modern survey of Gizo, Yandina and Tulagi.

	implementation	Status	Notes
Mise en œuvre du SMDSM		Status	Notes
Impleme	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	YES	Current GMDSS needs upgrading to meet international standards
	A1 area Zone A1 Zona A1	YES	5 miles VHF radio
	A2 area Zone A2 Zona A2	YES	10 miles VHF radio
	A3 area Zone A3 Zona A3	YES	200 miles HF radio
	NAVTEX NAVTEX NAVTEX	NO	
	Safety NET Safety NET Safety NET	Unknown	

# Solomon Islands (L)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 0 100 100 0 100 100 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	Broad
Coastal warnings Avertissements côtiers Avisos costeros	YES	As above
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	As above
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

### Somalia (J)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200n ofondeur < 20 ofundidad < 2	00m	Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié	5	1	94	3	2	95	
Adecuadamente levantado  Re-survey required  Nécessitant de nouveaux levés Requiere nuevo levantamiento							
Never systematically surveyed  Jamais hydrographié systématiquement  Nunca levantado sistemáticamente							
Notes 1. Data supplied by UK.	I			I			

#### Notes Notes Notas

- 2. Apart from a modern survey in the entrance to the Gulf of Aden around Raas Caseyr, and the approaches to berbera and Muqdisho, soundings are drawn from lead-line surveys and scattered open-line modern surveys.
- 3. A modern survey to support development at Boosaaso is a priority.

	mplementation	Status	Notes
Mise en o	euvre du SMDSM	Status	Notes
Impleme	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	NO	Data provided by UK.
	A1 area Zone A1 Zona A1	NO	Data provided by UK.
	A2 area Zone A2 Zona A2	NO	Data provided by UK.
	A3 area Zone A3 Zona A3	NO	Data provided by UK.
	NAVTEX NAVTEX NAVTEX	NO	Data provided by UK.
	Safety NET Safety NET Safety NET	NO	Data provided by UK.

## Somalia (J)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 75 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 80 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes 1. Figures supplied by UK. Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	Data provided by UK.
Coastal warnings Avertissements côtiers Avisos costeros	NO	Data provided by UK.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	Data provided by UK.
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	Data provided by UK.

## South Africa (H)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey cove	hydrographique	Pr	Depth < 200n ofondeur < 20 ofundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m				
9,	Adequately surveyed Correctement hydrographié	70	30	0	10	2	88		
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente								
Notes Notes		1							
Notas									

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		South Africa will comply with the IHO requirements regarding
Plan cadre	N/A	
Plan principal		Iridium SafetyCast services
A1 area		
Zone A1	N/A	
Zona A1		
A2 area		
Zone A2	N/A	
Zona A2		
A3 area		
Zone A3	N/A	
Zona A3		
NAVTEX		
NAVTEX	N/A	
NAVTEX		
Safety NET		
Safety NET	N/A	
Safety NET		

## South Africa (H)

Nautical o	charting / Cartographie marine /	Cartogra	fia náutica									
Couvertu	of charts published re des cartes publiées			Offshore passage Navigation au large			Atterrissa	l and Coasta ige et navigat ada y Pasaje	ion côtière	Approaches and Ports Approches et ports Approches y puertos		
Cobertura	Cobertura de cartas publicadas			Pasaje offshore				lada y rusuje		Aproches y puertos		
	Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4			100		100	100		100	100		100
	Covered by RNC meeting S-61 Couvert par des RNC conformes S-61											
	Couvert par des RNC Cubiertas por RNC c											
	Covered by ENC mee	_										
	Couvert par des ENC Cubiertas por ENC c			D.IT	- DVG	ENG	D.T.	DNG	FNG		- DVG	FNG
Paper char	ts showing depth in meters	umpnen	Paper charts referenced	INT to a satellite		ENC	INT	RNC Data sour	ENC ce	INT	RNC	ENC
Cartes pap	ier avec les profondeurs en mètres papel con profundidades en metros	100 %	Cartes papier rapportée satellitaire Cartas de papel referida	-	-	8	31 %	Source de Origen de	s données			
Notes	The 1:600 000 paper ch	nart Nat	ional Series h	as been	n cance	lled aı	nd sup	erseded	by the	1: 100	000 000	INT
Notes Notas	paper chart series.											
	81% of paper chart cov	erage is	s referenced to	the sa	itellite d	latum	WGS-	-84, the	remain	ning 19	9% of p	oaper
	charts are based on the	local da	atum Clarke 1	880 an	d will b	e con	verted	at new	edition	n stage	·.	

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Unknown	
Coastal warnings Avertissements côtiers Avisos costeros	Unknown	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	Unknown	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Unknown	

## **South Africa - Prince Edward Islands (H)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Couverture hydrographique Profondeur < 200m Profondeur > 200mCobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 70 70 30 0 30 0 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan	110	
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

## South Africa - Prince Edward Islands (H)

	ting / Cartographie marine /	Cartograi	ia nautica									
	charts published				shore pas		Landfa	ll and Coasta	l passage		aches and	
	es cartes publiées				gation au	_		age et navigat			oches et	
Cobertura de	cartas publicadas			Pas	saje offsh	ore	Keca	ada y Pasaje	costero	Apro	ches y pu	ertos
9/0	Covered by INT or other pap Couvert par des cartes papier Cubiertas por cartas de pape	· INT ou au	itres conformes S-4	100	0	100	100	0	100	100	0	100
Paper charts sh Cartes papier a				s à un systèr	me géodésiqu	ENC 1	INT 00 %	RNC Data sour Source de Origen de	s données		RNC	ENC

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings		
Avertissements locaux		
Avisos locales		
Coastal warnings		
Avertissements côtiers		
Avisos costeros		
NAVAREA warnings		
Avertissements NAVAREA	YES	NAVAREA VII.
Avisos NAVAREA		
Information on ports and harbours	•	
Information sur les ports et rades		
Información sobre puertos		

## Spain - Canary Islands (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	nydrograpmiques / Levantamientos n	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Pr	Depth > 200r ofondeur > 20 ofundidad > 2	00m
Adequately su Correctement	hydrographié	41	59	0	93	0	7
Requiere nue  Never systema  Jamais hydro							
Notes Notes Notas							
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	YES	
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

## Spain - Canary Islands (G)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 95 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

## **Spain - INT Region F (F)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

18

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	YES	Via SASEMAR
A2 area Zone A2 Zona A2	YES	Via SASEMAR
A3 area Zone A3 Zona A3	YES	Via NAVAREA Coordinator
NAVTEX NAVTEX NAVTEX	YES	Via SASEMAR
Safety NET Safety NET Safety NET	YES	For NAVAREA Warnings only  Also SAFETYCAST Implemented for NAVAREA Warnings only.

# **Spain - INT Region F (F)**

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 85 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	Via SASEMAR
Coastal warnings Avertissements côtiers Avisos costeros	YES	Via SASEMAR
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Via NAVAREA Coordinator
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Agreements with all Port Authorities

# Spain - INT Region G (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographiq Cobertura hidrográfica	ue	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Profo	pth > 200m ndeur > 200m ndidad > 200m
% Correcte	ely surveyed ement hydrographié	36	64	0	98	2
Re-surve Nécessita Requiere Never sy Jamais I	ey required ent de nouveaux levés e nuevo levantamiento estematically surveyed eydrographié systématiquement evantado sistemáticamente					
Notes Notes Notas		1			1	
Notas						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	YES	
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

# Spain - INT Region G (G)

Nautical charti	ing / Cartographie marine /	Cartograf	ia náutica										
	harts published						Landfal	Landfall and Coastal passage			Approaches and Ports		
	es cartes publiées				gation au		Atterrissage et navigation côtière			Approches et ports			
Cobertur <u>a de o</u>	cartas publicadas			Pas	aje offsh	ore	Recala	ida y Pasaje o	costero	Apro	ches y pu	ertos	
%	Covered by INT or other pap Couvert par des cartes papie Cubiertas por cartas de pape	r INT ou au	tres conformes S-4	100		100	100		100	100		87	
% Paper charts sho Cartes papier av		r INT ou au I INT o otra ting S-61 conforn umplience ting S-57 conforn	atres conformes S-4 as cumpliendo S-4 hes S-61 lo S-61 nes S-57	INT to a satellite s à un systèn	ne géodésiqu	ENC	INT	RNC Data source de: Origen de	ENC ce s données	INT	RNC	ENC	

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

#### Sri Lanka (J)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié	8	92	0	0	100	0	
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							

#### Notes Notes Notas

If the entire survey area has been completely covered 98% adequately, it is important to point out that surveys of more than 60% of the area were conducted more than 60 years ago using lead lines. Therefore it is very important to conduct new surveys in order to accurately measure the changes in depth and position, seabed conditions, and potential dangers for navigation. To achieve this accuracy, modern technologies such as MBES and Side Scan Sonar surveys should be utilized.

Percentages of the data in the area related to the year of the surveys conducted: (Depths>200m and Depths< 200m)

- Before 1944 17.8%
- 1945 to 1970 81.54%
- 1971 to 1984 0.06%
- 1985 to 2023 0.6%

GMDSS implementation	Status	Notes					
Mise en œuvre du SMDSM	Status	Notes					
Implementación SMSSM	Estado	Notas					
Master plan							
Plan cadre	NO						
Plan principal							
A1 area							
Zone A1	YES	By using VHF/HF					
Zona A1		, ,					
A2 area							
Zone A2	YES	By using VHF/HF					
Zona A2		, ,					
A3 area		Coordinate with "NAVAREA coordinator VIII" through the IFC-					
Zone A3	YES						
Zona A3		Colombo					
NAVTEX							
NAVTEX	NO						
NAVTEX							
Safety NET							
Safety NET	NO						
Safety NET							

### Sri Lanka (J)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 80 90 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC RNC ENC** INT **RNC ENC** INT **RNC** INT Paper charts referenced to a satellite datum Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos

Notes Notes Notas If the entire area has been completely covered by the INT charts and ENCs, more than 60% of the bathymetric data in these charts is more than 60 years old. Further, most of the surveys have been done using lead lines. Therefore, the accuracy of the depth and position may not meet the required standards according to current requirements.

Already published ENCs by Sri Lanka within 5 years

LK400109 - Hambantota Approach

LK500109 - Hambantota Haebour

LK401500 - Weligama Bay

LK5G16C3 - KKS Harbour

LK5G03D4 - Colombo Harbour

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	Information are disseminating through the IFC-Colombo website and local stakeholders
Coastal warnings Avertissements côtiers Avisos costeros	YES	By Sending MSI to the NAVAREA coordinator VIII, through the IFC-Colombo and disseminating information to fishermen through the stakeholders
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	By Sending MSI to the NAVAREA coordinator VIII, through the IFC-Colombo and disseminating information to Fishermen through the stakeholders
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Disseminating information through the local stakeholders

### Sudan (J)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié Adecuadamente levantado	1	0	99	2	0	98		
Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento								
Never systematically surveyed								

#### Notes Notes Notas

- 1. The seabed on the narrow continental shelf is predominantly coral. Most surveys are lead-line and outlying dangers may lie undiscovered. Sidescan sonar and MBES survey is required.
- 2. Priorities are:
- a. Maritime Shipping Routes: modern survey of the coastal area around Port Sudan, Sawakin and the Bashayer Oil Terminal.
- b. Re-survey of the approaches and ports of Port Sudan, Sawakin and Bashayer.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

## Sudan (J)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 70 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 84 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes 1. Figures supplied by UK. Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	

#### Suriname (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié	15	60	25	7	0	93		
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente								

#### Notes Notes Notas

Special national circumstances which influence the statistical breakdown above (e.g. geographical factors such as narrow continental shelf or fringing reefs, or constraints such as areas of unstable seabed which require a routine resurvey programme).

The constant flow of sediments from the Amazon River create migrating mud banks along the coast which move in a westward direction. These banks have great impact on the river systems, therefore have impact on the approaches to ports.

0-200 m consists of coastal survey data and fairway channels of the rivers. The resurvey is done in the Suriname River (monitoring SRDP).

>200 m consists of coastal data from depths >200 m until the EEZ maritime boundary of Suriname. The coastal data were mainly from seismic surveys.

GMDSS in	mplementation	Status	Notes
Mise en œ	uvre du SMDSM	Status	Notes
Implemen	tación SMSSM	Estado	Notas
	Master plan		
1	Plan cadre	NO	
<u> </u>	Plan principal		
	A1 area		
	Zone A1	NO	
	Zona A1		
	A2 area		
	Zone A2	NO	
	Zona A2		
	A3 area		
	Zone A3	NO	
<u> </u>	Zona A3		
	NAVTEX		
	NAVTEX	Unknown	
	NAVTEX		
	Safety NET		
	Safety NET	Unknown	
	Safety NET		

## Suriname (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 50 50 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC RNC ENC** INT **RNC ENC** INT RNC Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % UK Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes 517, overview, pubished 2020 Notes 2764, coastal, published 2019 Notas 2766, approach and harbour, published 2024 2765, approach and harbour, published 2015 All charts are available in raster form

Navigational information	Status	Notes				
Informations nautiques	Status	Notes				
Información náutica	Estado	Notas				
Local warnings Avertissements locaux	YES	Published in local newspapers, MAS website, radio, email,				
Avisos locales	1125	sometimes through stakeholder meeting.				
Coastal warnings Avertissements côtiers	YES	MSI are sent through NAVAREA IV Coordinator. Fishermen are				
Avisos costeros	1123	informed through stakeholders meetings.				
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	MSI are sent through NAVAREA IV Coordinator.				
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Nautical accessibilities issued for each port (shipping notices).				

## Sweden (E)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	pmic surveying / Leves nydrographiques / Levantamientos r werage ire hydrographique a hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié	78	22	0	100	0	0
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes		1			l		
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan	VEC	
Plan cadre Plan principal	YES	
A1 area	YEG	
Zone A1 Zona A1	YES	
A2 area		
Zone A2 Zona A2	YES	
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX	TITTO	
NAVTEX NAVTEX	YES	
Safety NET		
Safety NET Safety NET	NO	
Safety NET	110	

### Sweden (E)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

## Switzerland (D)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamie  Survey coverage  Couverture hydrographique  Cobertura hidrográfica		Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	0	0	0	0	0	0	
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas	Inland Waterways							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	N/A	
A1 area Zone A1 Zona A1	N/A	
A2 area Zone A2 Zona A2	N/A	
A3 area Zone A3 Zona A3	N/A	
NAVTEX NAVTEX NAVTEX	N/A	
Safety NET Safety NET Safety NET	N/A	

### Switzerland (D)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertur<u>a de cartas</u> publicadas Aproches y puertos Pasaje offshore Covered by INT or other paper charts meeting S-4 0 0 0 0 0 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Inland waterways. Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes **Informations nautiques** Status Notes Información náutica Estado Notas Local warnings N/A **Avertissements locaux** Avisos locales Coastal warnings

Avertissements côtiers

Avisos costeros NAVAREA warnings Avertissements NAVAREA

Avisos NAVAREA

Information on ports and harbours

Information sur les ports et rades Información sobre puertos N/A

N/A

N/A

## Syria (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	1	1	98	0	0	100
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento						
	Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
	<ol> <li>Data provided by France and UK.</li> <li>The only large scale surveys are in the apple</li> </ol>	proaches t	o Lattaqu	ié and Ban	iyas Term	inal.	

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	NO	

### Syria (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Approaches and Ports Offshore passage Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 0 100 100 0 100 100 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes 1. Data provided by France and UK. Notes 2. See section 1 on surveys for deficiencies in data. Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Unknown	
Coastal warnings Avertissements côtiers Avisos costeros	Unknown	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	Unknown	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Unknown	

## Thailand (J)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m		Depth > 200m Profondeur > 200m Profundidad > 200m		00m	
-	Adequately surveyed Correctement hydrographié		22	0	50	50	0
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes		I					
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	Under proceeding by Marine Department
A1 area Zone A1 Zona A1	Partial	Under proceeding by Marine Department
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	YES	CAT Telecom Co Ltd
Safety NET Safety NET Safety NET	YES	CAT Telecom Co Ltd

## Thailand (J)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 2 20 10 58 27 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 81 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings		It is an operation under cooperation between agencies within the country.
Avertissements locaux	YES	About MSI PLATFORM which can be utilized follow the given link:
Avisos locales		http://bkkradio.cattelecom.com/Broadcast
Coastal warnings		It is an operation under cooperation between agencies within the country.
Avertissements côtiers	Partial	About MSI PLATFORM which can be utilized follow the given link:
Avisos costeros		http://bkkradio.cattelecom.com/Broadcast
NAVAREA warnings		The implementation of NAVAREA in Thailand is very important for maintaining the safety of navigation in Thai waters. The main responsible agencies are the Department of Marine and the Royal Thai Navy, which disseminate NAVAREA notices through various channels such as:
Avertissements NAVAREA	YES	
Avisos NAVAREA		Website: The websites of the Department of Marine and the Royal Thai Navy will always publish the latest NAVAREA notices.  Marine radio: Ship captains will receive NAVAREA notices via marine radio, which is the fastest and most direct channel
Information on ports and harbours		information for port and harbours implementation is not available
Information sur les ports et rades	Unknown	<u> </u>
Información sobre puertos		at this time.

# Timor Leste (K)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Couvertu	Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	0	0	100	0	20	80	
Notes Notes Notas	Depth anomalies can be expected in most ar	reas.						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre		
Plan principal		
A1 area		
Zone A1		
Zona A1		
A2 area		
Zone A2		
Zona A2		
A3 area		
Zone A3		
Zona A3		
NAVTEX		
NAVTEX		
NAVTEX		
Safety NET		
Safety NET		
Safety NET		

# Timor Leste (K)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertur<u>a de cartas</u> publicadas Aproches y puertos Pasaje offshore Covered by INT or other paper charts meeting S-4 100 100 0 100 100 0 100 30 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC **RNC RNC ENC** INT **RNC ENC** INT INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Australia Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes See Annex A for survey deficiencies. Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes

**Informations nautiques** Status Notes Información náutica Estado Notas Local warnings **Avertissements locaux** Avisos locales Coastal warnings Avertissements côtiers Avisos costeros **NAVAREA** warnings Avertissements NAVAREA Avisos NAVAREA Information on ports and harbours Information sur les ports et rades Información sobre puertos

# Togo (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m ographique Profondeur < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	7	9	84	18	0	82		
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente								
Notes Notes		1			l				
Notas									

	implementation	Status	Notes
Mise en œuvre du SMDSM		Status	Notes
Impleme	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	Partial	1. Administrative Agreement between France and Togo signed on December 3rd 2008 2. Information provided by France.
	A1 area Zone A1 Zona A1	YES	
	A2 area Zone A2 Zona A2	YES	
	A3 area Zone A3 Zona A3	NO	
	NAVTEX NAVTEX NAVTEX	YES	
	Safety NET Safety NET Safety NET	NO	See Volume 4 on the French Radio Signals Publication SHOM 924-RNA.

## Togo (G)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes 1. Data provided by France according to FR-TG bilateral agreement. Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	through NAVAREA II
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	

#### Tonga (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

rrydrographic surveying / Leves rrydrographiques / Levantamientos indrograneos						
Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m ofondeur < 20 fundidad < 20	0m	Pro	Depth > 200m ofondeur > 20 ofundidad > 20	0m
Adequately surveyed Correctement hydrographié	10	90	0	0	30	70
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						

#### Notes Notes Notas

- 1. Data supplied by New Zealand.
- 2. Large areas of water around the Vava'u Group, Ha'apai Group and Tongatapu Group, with numerous shoals and vigias, are inadequately surveyed. The cruise industry has raised concerns for safety of navigation in these areas
- 3. The interisland routes are inadequately surveyed. These routes require surveying to modern standards to meet the needs of contemporary shipping. The cruise industry has raised concerns for safety of navigation in these areas.
- 4. LINZ has recently surveyed Nuku'alofa Harbour in Tongatapu and Neiafu Harbour in the Vava'u Group.
- 5. Numerous harbours are inadequately surveyed. These harbours require surveying to modern standards to meet the needs of contemporary shipping. The cruise industry has raised concerns for safety of navigation in these areas.
- 6. Interisland ferry operators have raised concerns for safety of navigation in Niuatoputapu Harbour, Niuatoputapu Group. This harbour requires surveying to modern standards to meet the needs of the ferry service.
- 7. Many islands are on an undetermined datum and require modern survey to position them on WGS84 datum.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

## Tonga (L)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 60 60 60 70 70 70 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **RNC ENC** INT RNC **ENC** INT **RNC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 60 % 60 % Source des données satellitaire

Notes Notes Notas

LINZ has recently surveyed Nuku'alofa Harbour in Tongatapu and Neiafu Harbour in the Vava'u Group. This data has been incorporated onto charts.

Cartas de papel referidas a un datum satelital

Significant gaps in coverage:

Cartas de papel con profundidades en metros

Large areas of water around the Vava'u Group, Ha'apai Group and Tongatapu Group, with numerous shoals and vigias, are inadequately charted. The interisland routes and numerous islands and harbours are also inadequately charted. These areas require surveying to modern standards to enable charting. The cruise industry has raised concerns for safety of navigation in these areas.

Interisland ferry operators have raised concerns for safety of navigation in Niuatoputapu Harbour, Niuatoputapu Group. This harbour requires surveying to modern standards to enable charting. Many islands are charted on an undetermined datum. These islands require surveying to position them on WGS84 datum for modern charting.

LINZ has a prioritised ENC production schedule that includes small, medium and large scale ENCs for the areas that are adequately charted. ENCs cannot be produced for areas that are charted on an undetermined datum until modern surveying and charting is completed.

A LINZ / MFAT NZ Aid Hydrographic Risk Assessment visit will be made to the Kingdom of Tonga in November 2013.

Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima

Navigational information	Status	Notes
e		- 1,000
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Partial	Passed to NZ
Coastal warnings Avertissements côtiers Avisos costeros	Partial	Passed to NZ.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Provided by NZ, NAVAREA XIV
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Partial	Passed to NZ.

Origen de los datos

## Trinidad and Tobago (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur < 200m Profondeur > 200mCouverture hydrographique Cobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 1 99 43 29 28 0 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes No survey Notes 0-200m 28% Notas >200m 99% Modern survey coverage is needed on the offshore banks on E coast and to the S in the Serpents Mouth and approaches.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	Unknown	ALRS are unaware of the degree of input into SafetyNET.
Safety NET		

# Trinidad and Tobago (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 0 75 100 50 100 100 75 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données UK satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Survey data received for Caricom Wharf, Grier basin, Port of Spain March 2021: chart 474 and ENC Notes GB58004B updated. Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Unknown	

#### Tunisia (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m ofondeur < 20 fundidad < 20	0m	Pro	Depth > 200n ofondeur > 20 fundidad > 2	00m
Adequately surveyed Correctement hydrographié	53	47	0	43	57	0
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						

#### Notes Notes Notas

1. Special national circumstances which influence the statistical break-down (e.g. geographical factors such as narrow continental shelf or fringing reefs, or constraints such as areas of unstable seabed which require a routine resurvey programme).

2. The resurvey of

the northern maritime area is achieved.

- 3. The east maritime area is being resurveyed since 2010.
- 4. Port and approaches: Sfax, Zarzis, Bizerte, Tunis, Lagoulette, Gabes, Rades and Zarzis ports and relative approaches have already been covered whith higher standards

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		The GMDSS Implementation responsibility lies on the merchant marine administration. All
Plan cadre	N/A	Tunisian merchant marine vessels compy with the IMO recommendations regarding the GMDSS
Plan principal		implementation.
A1 area		The GMDSS Implementation responsibility lies on the merchant marine administration. All
Zone A1	N/A	Tunisian merchant marine vessels compy with the IMO recommendations regarding the GMDSS
Zona A1		implementation.
A2 area		The GMDSS Implementation responsibility lies on the merchant marine administration. All
Zone A2	N/A	Tunisian merchant marine vessels compy with the IMO recommendations regarding the GMDSS
Zona A2		implementation.
A3 area		The GMDSS Implementation responsibility lies on the merchant marine administration. All
Zone A3	N/A	Tunisian merchant marine vessels compy with the IMO recommendations regarding the GMDSS
Zona A3		implementation.
NAVTEX		
NAVTEX	YES	
NAVTEX		
Safety NET		The GMDSS Implementation responsibility lies on the merchant marine administration. All
Safety NET	N/A	Tunisian merchant marine vessels compy with the IMO recommendations regarding the GMDSS
Safety NET		implementation.

## Tunisia (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 0 0 0 25 0 25 30 30 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT INT **RNC ENC** INT RNC **ENC RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes According to the IHO (MBSHC), it was agreed that TNHOC will produce international charts as Notes follows: Notas INT Chart 3208 in cooperation with the Algerian HO, TN part surveyed at 80% INT Chart 3210 and 3212 in cooperation with the italian HO surveyed at 55% (in INT 3210) and at 30% (in INT3212) INT Chart 3214 to be produced by the TNHOC (surveyed at 40%) INT Chart 3216 in cooperation with the Libyan HO

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Through NAVAREA III
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

# Turkey (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamientos  Survey coverage  Couverture hydrographique  Cobertura hidrografica		Pro	Depth < 200n ofondeur < 20 fundidad < 2	00m	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié	73	19	8	21	27	52	
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas		•						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	NO	

## Turkey (F)

Nautical of	charting / Cartographie marine /	Cartograf	ia náutica									
Coverage of charts published Couverture des cartes publiées Cobertura de cartas publicadas				Navig	Navigation au large Atterrissage et navigation côtière A			Appr	Approaches and Ports Approches et ports Aproches y puertos			
	Covered by INT or other pa Couvert par des cartes papie Cubiertas por cartas de pap	er INT ou at	itres conformes S-4	100	0	72	100	0	93	100	0	100
Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57		INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC		
Cartes pap	rts showing depth in meters pier avec les profondeurs en mètres papel con profundidades en metros	100 %	Paper charts referenced Cartes papier rapportées satellitaire Cartas de papel referida	s à un systèn	ne géodésiqu	ie	66 %	Data sour Source de Origen de	s données			
Notes Notes Notas	when their new editions are produced.											

Notes
Notes Notes Notas
Notas

- 2. Turkish ENCs have been distributed through IC-ENC since February 2005.
- 3. Since the production responsibility areas have not been established in certain areas, 12 ENCs were produced but have not been distributed yet. Because of that there are some gaps in Aegean Sea which are not covered by Turkish ENCs.

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

# Turkmenistan (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m	Depth > 200m Profondeur > 200m Profundidad > 200m		
Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente				
Notes Notas				

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	Unknown	
Plan principal		
A1 area		
Zone A1	Unknown	
Zona A1		
A2 area		
Zone A2	Unknown	
Zona A2		
A3 area		
Zone A3	Unknown	
Zona A3		
NAVTEX		
NAVTEX	Unknown	
NAVTEX		
Safety NET		
Safety NET	Unknown	
Safety NET		

#### Turkmenistan (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Approaches and Ports Offshore passage Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Aproches y puertos Cobertura de cartas publicadas Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Data source Paper charts showing depth in meters Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Unknown	
Coastal warnings Avertissements côtiers Avisos costeros	Unknown	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	N/A	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Unknown	

# Tuvalu (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	pmc surveying / Leves nydrographiques / Levantamientos n werage re hydrographique a hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	10	7	83	10	0	90
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas					I		
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

#### Tuvalu (L)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Aproches y puertos Cobertura de cartas publicadas Pasaje offshore Covered by INT or other paper charts meeting S-4 100 100 100 50 50 50 20 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT RNC **RNC ENC** INT **RNC ENC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source D.Mundy (SPC) Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire on behalf of teh Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes 1. Data provided by UK Notes 2. Only one chart BA2983 (Funafuti and plans) is in use within Tuvalu waters and this provides Notas coverage of Funafuti Atoll. The remaining 8 islands in Tuvalu are covered by BA4625 which at a scale of 1:1,500,00 is not suitable for coastal navigation.

,		<u> </u>
Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	

# Uganda (H)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	0					
Notes Notes Notas	Interisland ferry operators have raised conce Niuatoputapu Group. This harbour requires ferry service.		-	_	-	-	I

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	N/A	
A1 area Zone A1 Zona A1	N/A	
A2 area Zone A2 Zona A2	N/A	
A3 area Zone A3 Zona A3	N/A	
NAVTEX NAVTEX NAVTEX	N/A	
Safety NET Safety NET Safety NET	N/A	

# Uganda (H)

Nautical charting / Cartographie marine / Cartografia náutica

Avertissements côtiers

Avertissements NAVAREA Avisos NAVAREA

Information on ports and harbours

Information sur les ports et rades Información sobre puertos

Avisos costeros NAVAREA warnings N/A

N/A

N/A

Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 0 0 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données Cartas de papel referidas a un datum satelital Cartas de papel con profundidades en metros Origen de los datos Notes The old fathoms medium and large scale coverage of Lake Victoria is not maintained and is not Notes reproduced as RNCs. Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes Informations nautiques Status Notes Información náutica Estado Notas Local warnings N/A **Avertissements locaux** Avisos locales Coastal warnings

## Ukraine (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié	75	25	0	100	0	0	
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed							
Jamais hydrographié systématiquement Nunca levantado sistemáticamente  Notes  The top priorities for survey performing are,	f-11						

Notes Notas

- (a) Regional Ship Routes sea port areas and approaches to them, coastal waters, especially in the northwestern part of the Black Sea
- (b) Inland (River) Waterways survey for charting of the Dnipro, Danube and Southern Buh Rivers
- (c) The greater part of the territorial sea and exclusive economic zone of Ukraine has been occupied by the Russian Federation.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		NAVTEX Service Area, MSI of which « Ukraine Coastal Warnings » by Odesa-NAVTEX and Berdiansk-NAVTEX stations.
NAVTEX	YES	MSI (Coastal warnings) is transmitted by the Ukrainian Odesa-NAVTEX and Berdiansk-NAVTEX stations for their approved
NAVTEX		NAVTEX Service Areas.
Safety NET		
Safety NET	NO	
Safety NET		

## Ukraine (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 60 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT RNC **ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 30 % Ukraine Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

# **United Arab Emirates (I)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey c	apnic surveying / Leves nydrographiques / Levantamientos   overage ure hydrographique ra hidrográfica	Pro	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	7	47	46	25	0	75	
Notes Notes Notas	No survey 0-200m 46% >200m 75%	1						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

## **United Arab Emirates (I)**

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 75 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT RNC Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données UK satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Full charting coverage of all major ports and approaches provided by the UK. Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Unknown	
Coastal warnings Avertissements côtiers Avisos costeros	Unknown	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	Unknown	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Unknown	

# United Kingdom of Great Britain and Northern Ireland (D)

	phic surveying / Levés hydrographiques / Levantamientos h	idrográficos						
Survey coverage Couverture hydrographique Coborture hidrografice		Pro	Depth < 200m fondeur < 200		Depth > 200m Profondeur > 200m Profundidad > 200m			
Cobertur	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente		fundidad < 20	42	0	0	100	
Notes Notes Notas	1. Routine resurveys take place in the Dover 2. Priorities elsewhere for modern surveys a a. International routes: gaps in W part of En N of Scotland. b. Regional: approaches to the Firth of Forth c. Internal: areas on W coast of Scotland free	re: glish Char 1.	nel; tanke	r route fro	·	Channel ar	ound the	

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	YES	Coordinated with France
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

## United Kingdom of Great Britain and Northern Ireland (D)

Nautical charting / Cartographie marine / Cartografia náutica

Coverage of charts published							Landfall and Coastal passage			Approaches and Ports		
Couverture des cartes publiées			I				oches et	- 1				
Cobertura d	obertura de cartas publicadas		Pa	saje offsh	ore	Recai	ada y Pasaje	costero	Apro	ches y pu	ertos	
9,	Covered by INT or other paper Couvert par des cartes papier Cubiertas por cartas de papel	INT ou autres conformes S		100	100	100	100	100	100	100	100	
	Covered by RNC meet	_										
9,	6 Couvert par des RNC	conformes S-61										
	Cubiertas por RNC cu	ımpliendo S-61										
	Covered by ENC meet	ting S-57										
9/	-											
	Cubiertas por ENC cu	mpliendo S-57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC	
	showing depth in meters	Paper charts referen			.		Data sour					
		100 % satellitaire			10		Source de					
	pel con profundidades en metros	Cartas de papel refe	ridas a un datu	m satelital			Origen de	los datos				
Notes												
Notes												
Notas												
·												
Maritime Sa	afety Information / Renseignen	nents sur la sécurité mari	itime / Info	rmación s	sobre seg	uridad n	narítima					
_	l information	Status				Not						
Information		Status				Not						
Información		Estado				Not	as					
	ocal warnings	VEC										
	vertissements locaux	YES										
	visos locales											
C	oastal warnings	1										

YES

YES

YES

Avertissements côtiers
Avisos costeros
NAVAREA warnings
Avertissements NAVAREA

Avisos NAVAREA

Information on ports and harbours

Information sur les ports et rades Información sobre puertos

### United Kingdom of Great Britain and Northern Ireland - Anguilla (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Depth < 200m **Depth > 200m** Survey coverage Couverture hydrographique Profondeur < 200m Profondeur > 200mCobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 40 3 0 97 53 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente **Notes** 1. Extensive LiDAR survey undertaken 2017 covering 1479km and Full sea floor coverage of Road Notes Bay 2016. Notas 2. High resolution MBES survey carried out September 2018 for selected priority areas to identify changes since Hurricane Irma in 2017.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

## United Kingdom of Great Britain and Northern Ireland - Anguilla (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % UK Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Charts have not been fully updated for the latest MBES survey data (HI1604). A new edition of **Notes** GB2079 planned. Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	Two local warnings in the form of Notice to Mariners were issued in relation to a no anchoring zone established for a specified area.
Coastal warnings Avertissements côtiers Avisos costeros	YES	Via NAVAREA IV
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Via NAVAREA IV
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	

### United Kingdom of Great Britain and Northern Ireland - Ascension Island (H)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Depth < 200m **Depth** > 200m Survey coverage Couverture hydrographique Profondeur < 200m Profondeur > 200mCobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 47 28 0 0 25 100 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente **Notes** "HI1751 September-October 2021. HMS Protector obtained high quality bathymetric data around Notes Ascension Island to support the safety of navigation. Overseas Territories Seabed Mapping Notas Programme (OTSMP). 2-1835m 2022 Full coastline satellite derived bathymetry coverage. 2023 BGS- Nearshore multibeam and ground truth sampling, western coast of Ascension"

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	Via NAVAREA VII Coordinator, South Africa
Safety NET		

### United Kingdom of Great Britain and Northern Ireland - Ascension Island (H)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	Local Authority responsibility - no requirment to promulgate internationally
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Via NAVAREA VII Coordinator, South Africa and SafteyNet
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Through UKHO

### United Kingdom of Great Britain and Northern Ireland - Bermuda (A)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur < 200m Profondeur > 200mCouverture hydrographique Cobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 0 78 21 0 100 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente **Notes** Lidar survey completed in 2020 covering 1022.6 Km2 to depths of approximately 30m, Mulitibeam Notes data collected for Heritage Wharf. Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	NO	Distress alerts on own INMARSAT - C
Zona A3		
NAVTEX		
NAVTEX	YES	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

# United Kingdom of Great Britain and Northern Ireland - Bermuda (A)

	narting / Cartographie marine / Cartografia naufica  of charts published		Offs	shore pas	Sage	T 36-	II 1 Ct-	,	Approx	aches and	l Ports
	ouverture des cartes publiées			gation au		Landfall and Coastal passage Atterrissage et navigation côtière			Approches et ports		
	de cartas publicadas			aje offsh	_	Recal	ada y Pasaje	costero		ches y pu	-
	Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conforme Cubiertas por cartas de papel INT o otras cumpliendo		100	100	100	100	100	100	100	100	100
	Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57		INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Cartes papie	s showing depth in meters er avec les profondeurs en mètres apel con profundidades en metros 100 % Paper charts ref Cartes papier ra satellitaire Cartas de papel	apportées	s à un systèr	ne géodésiqu	<sup>1e</sup> 1	00 %	Data sour Source de Origen de	s données		UK	
Notes Notes Notas	All GB charts have had a new edition in	n 2024	4 whic	eh has i	include	ed the	Lidar sı	urvey.			

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Via NAVAREA IV coordinator.
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

## United Kingdom of Great Britain and Northern Ireland - British Indian Ocean Territory (J)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

urvey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
9/	Adequately surveyed Correctement hydrographié Adecuadamente levantado	2	11	87	26	0	74
9/	Requiere nuevo levantamiento  Never systematically surveyed						
	. Depths fall away sharply at the edge of the Apart from Diego Garcia, modern surveys		red in the	other atol	ls to locate	e all dange	ers.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

#### United Kingdom of Great Britain and Northern Ireland - British Indian Ocean Territory (J)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 70 70 70 100 100 50 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux	Unknown	Local authority responsibility - no requirements to promulgate
Avisos locales	Clikilowii	internationally
Coastal warnings Avertissements côtiers Avisos costeros	YES	Through NAVAREA coordinator via Enhanced Group Call
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Through NAVAREA coordinator via Enhanced Group Call
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Through UKHO

## United Kingdom of Great Britain and Northern Ireland - British Virgin Is (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur < 200m Profondeur > 200mCouverture hydrographique Cobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 81 6 5 0 95 13 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente **Notes** Modern LIDAR survey covers all of the 20m contour and in some areas 38m. Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

### United Kingdom of Great Britain and Northern Ireland - British Virgin Is (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % UK Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes New editions of charts 2020, 2019, 2005 and 2006 are planned. Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	Via NAVAREA IV
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Via NAVAREA IV
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	

## United Kingdom of Great Britain and Northern Ireland - Cayman Islands (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur < 200m Profondeur > 200mCouverture hydrographique Cobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 8 69 23 15 0 85 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente **Notes** Multibeam surveys conducted of Cayman Brac (West end) and Grand Cayman (West Bay and Spotts Notes Bay) in 2017. Notas 2021 Lidar coverage of all 3 islands to 30m depth.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

## United Kingdom of Great Britain and Northern Ireland - Cayman Islands (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données UK satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes 1. New Edition of Chart 462 currently in hand. 2. New ENC for Spotts Bay released. Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	Via NAVAREA IV
Coastal warnings Avertissements côtiers Avisos costeros	YES	Via NAVAREA IV
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Via NAVAREA IV
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	

## United Kingdom of Great Britain and Northern Ireland - Falkland Islands Dependencies (C1)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur < 200m Couverture hydrographique Profondeur > 200mCobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 2 0 3 95 0 100 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente **Notes** Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

## $\ \, \textbf{United Kingdom of Great Britain and Northern Ireland - Falkland Islands Dependencies} \ (C1) \\$

Nautical c	harti	ng / Cartographie marine /	Cartograf	na nautica									
	overage of charts published			Offshore passage			Landfal	and Coasta	l passage	Approaches and Ports			
Couverture des cartes publiées			Navigation au large			Atterrissage et navigation côtière							
Cobertura	obertura de cartas publicadas			Pasaje offshore			Recalada y Pasaje costero			Aproches y puertos			
	%	Covered by INT or other pap Couvert par des cartes papie Cubiertas por cartas de papo	er INT ou a	utres conformes S-4	100	100	100	100	100	100	100	100	75
	%	Covered by RNC mee Couvert par des RNC Cubiertas por RNC c Covered by ENC mee	conform umplien	nes S-61 do S-61									
	0.7		_										
	<b>%</b>	Couvert par des ENC											
		Cubiertas por ENC c	umplien	do S-57	INT	RNC	<b>ENC</b>	INT	RNC	ENC	INT	RNC	ENC
Cartes papi	er av	wing depth in meters ec les profondeurs en mètres on profundidades en metros	100 %	Paper charts referenced Cartes papier rapportée satellitaire Cartas de papel referida	s à un systèi	ne géodésiqu	ie	0	Data sour Source de Origen de	s données			
Notes		-							<b>g</b>				
Notes													
Notas													

Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima

Navigational information Status Notes

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Unknown	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

## United Kingdom of Great Britain and Northern Ireland - Gibraltar (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur < 200m Couverture hydrographique Profondeur > 200mCobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 0 0 67 100 0 33 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente **Notes** Notes Notas

GMDSS i	mplementation	Status	Notes
Mise en o	euvre du SMDSM	Status	Notes
Implemen	ntación SMSSM	Estado	Notas
	Master plan Plan cadre Plan principal	YES	For GMDSS Gibraltar falls with coverage of Spanish areas
	A1 area Zone A1 Zona A1	YES	For GMDSS Gibraltar falls with coverage of Spanish areas
	A2 area Zone A2 Zona A2	YES	For GMDSS Gibraltar falls with coverage of Spanish areas
	A3 area Zone A3 Zona A3	YES	For GMDSS Gibraltar falls with coverage of Spanish areas
	NAVTEX NAVTEX NAVTEX	YES	For GMDSS Gibraltar falls with coverage of Spanish areas
	Safety NET Safety NET Safety NET	YES	For GMDSS Gibraltar falls with coverage of Spanish areas

# $\ \, United \,\, Kingdom \,\, of \,\, Great \,\, Britain \,\, and \,\, Northern \,\, Ireland \,\, - \,\, Gibraltar \,\, (F) \\$

Nautical (	charting / Cartographie marine /	/ Cartograf	ia náutica									
Coverage of charts published Couverture des cartes publiées			Navig	shore pas gation au	large	Atterriss	ll and Coasta	tion côtière	Approaches and Ports Approches et ports			
Cobertur	de cartas publicadas  Covered by INT or other pa Couvert par des cartes papie Cubiertas por cartas de pap	er INT ou a	itres conformes S-4	100	saje offsh 100	100	100	ada y Pasaje	100	Apro 92	thes y pu	100
	Covered by RNC med Couvert par des RNC Cubiertas por RNC c  Covered by ENC med Couvert par des ENC Cubiertas por ENC c	eting S-66 C conform cumplience eting S-57 C conform	1 nes S-61 do S-61 7 nes S-57									
	•	umpnene		INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Cartes pap	rts showing depth in meters pier avec les profondeurs en mètres papel con profundidades en metros	100 %	Paper charts referenced Cartes papier rapportées satellitaire Cartas de papel referidas	s à un systèr	ne géodésiqu	ne 1	00 %		ce es données e los datos		UK	
Notes	UKHO have no intention	on of cr	eating INT ch	art fro	m verv	large	scale 1			ge of	Gibral	tar
Notas	Harbour hence 92% for											

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

### United Kingdom of Great Britain and Northern Ireland - Montserrat (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m Depth > 200m Couverture hydrographique Profondeur < 200m Profondeur > 200mCobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 45 4 51 38 0 62 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente **Notes** 1. Multibeam survey of Western side Montserrat carried out by UKHO in 2017 Notes 2. Multibeam survey of western side of Montserrat carried out by Montserrat surveyors together with Notas **UKHO** in 2020 3. Royal Navy survey of deeper water around Montserrat conducted in 2022

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

# **United Kingdom of Great Britain and Northern Ireland - Montserrat (B)**

		ng / Cartographie marine /	Cartograf	fia náutica											
_	overage of charts published			Offshore passage				Landf	all and Coasta	l passage	Approaches and Ports				
	ouverture des cartes publiées			Navigation au large				Atterrissage et navigation côtière			Approches et ports				
Cobertur	a de c	artas publicadas				Pas	aje offsh	ore	Keca	Recalada y Pasaje costero			Aproches y puertos		
	%	Covered by INT or other paper Couvert par des cartes papier Cubiertas por cartas de paper	er INT ou a	utres conformes S-4	1	00	100	100	100	100	100	100	100	100	
	%	Covered by RNC meeting S-61													
	%	Covered by ENC mee Couvert par des ENC	_												
		_			Ц	INIT	DNC	ENC	INIT	DNC	ENC	INT	DNC	ENC	
Paper chai	rts sho pier av	ts showing depth in meters ier avec les profondeurs en mètres 100 % Paper charts reference cartes papier rapporté sotallitaire.						ENC ne	INT 100 %	RNC Data sour Source de		INT	RNC UK	ENC	
		con profundidades en metros	100 /0	satellitaire Cartas de papel referida	sau	ın datum	satelital	1	100 /0	Origen de			OIX		
Notes	1. N	New edition of chart	254 pu					ıding	latest f				ıta.		
Notes		JKHO assistance ha	_					_				•		area	
Notas		ivered: south-west P			<i>J</i> C(	ai sta	.11 **10	II IIC W	iy aqu	irea sur	vey equ	iipiiicii	t. 1 113t	arca	
	uen	ivered. South-west r	Tymout	11.											
														l	

NT	04-4	NT-A
Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings		
Avertissements locaux	NO	
Avisos locales		
Coastal warnings		
Avertissements côtiers	YES	Via NAVAREA IV
Avisos costeros		
NAVAREA warnings		
Avertissements NAVAREA	YES	Via NAVAREA IV
Avisos NAVAREA		
Information on ports and harbours		
Information sur les ports et rades	NO	
Información sobre puertos		

### United Kingdom of Great Britain and Northern Ireland - Pitcairn Dependencies (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur > 200mCouverture hydrographique Profondeur < 200m Cobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 0 0 0 100 0 100 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente **Notes** Coastal satellite derived bathymetry of all islands up to 30m Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

### United Kingdom of Great Britain and Northern Ireland - Pitcairn Dependencies (L)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 0 0 0 0 100 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **RNC ENC** INT **RNC ENC** INT **RNC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 90 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes No coverage between 1:90 and 1:350,000 **Notes** 4 main islands covered by scales greater than 1:90,000 Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux	Unknown	Local authority responsibility - no requirement to promulgate
Avisos locales	Clikilowii	internationally.
Coastal warnings Avertissements côtiers	YES	Only via NAVAREA coordinator & SafetyNET.
Averussements couers Avisos costeros	163	Available/offered, but not currently used.
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Only via NAVAREA coordinator & SafetyNET.
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Through UKHO.

#### United Kingdom of Great Britain and Northern Ireland - S Georgia and S Sandwich Islands (C1)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur < 200m Couverture hydrographique Profondeur > 200mCobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 0 12 87 0 100 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente **Notes** Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

## United Kingdom of Great Britain and Northern Ireland - S Georgia and S Sandwich Islands (C1)

ng / Cartographie marine /	Cartograf	ia náutica										
rts published												
						Atterrissage et navigation côtière Recalada y Pasaje costero				Approches et ports		
ertura de cartas publicadas		Pas	saje offsh I	offshore Recai		alada y i asaje costero		Aproches y puertos		uertos		
% Couvert par des cartes papier INT ou autres		utres conformes S-4	100	50	60	100	50	60	100	50	50	
Covered by RNC mee Couvert par des RNC Cubiertas por RNC c Covered by ENC mee Couvert par des ENC	eting S-6 conform umpliend ting S-57 conform	nes S-61 do S-61  nes S-57 do S-57 Paper charts referenced Cartes papier rapportées satellitaire	s à un systèr	ne géodésiqu	ENC Lie 2	42 %	Source de	es donnée		RNC	ENC	
	irts published cartes publiées artas publicadas  Covered by INT or other pay Couvert par des cartes papie Cubiertas por cartas de pape Covered by RNC mee Couvert par des RNC Cubiertas por RNC ci Covered by ENC mee Couvert par des ENC Covered by ENC mee Couvert par des ENC Cubiertas por ENC ci ving depth in meters c les profondeurs en mètres	rts published cartes publiées artas publicadas  Covered by INT or other paper charts n Couvert par des cartes papier INT ou an Cubiertas por cartas de papel INT o otr  Covered by RNC meeting S-6. Couvert par des RNC conform Cubiertas por RNC cumplience Covered by ENC meeting S-5. Couvert par des ENC conform Cubiertas por ENC cumplience couvert par des ENC conform Cubiertas por ENC cumplienc	rts published cartes publiées rtas publicadas  Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4  Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57  Ving depth in meters c les profondeurs en mètres c les profondeurs en mètres  57 %  Paper charts referenced Cartes papier rapportée satellitaire	rts published cartes publiées rtas publicadas  Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4  Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57  Ving depth in meters c les profondeurs en mètres  Type charts referenced to a satellito Cartes papier rapportées à un systèm satellitaire	rts published cartes publiées rtas publicadas  Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4  Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57  INT RNC  Paper charts referenced to a satellite datum Cartes papier rapportées à un système géodésique satellitaire  S 7 %	cartes published cartes publiées rtas publicadas  Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4  Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57  INT RNC ENC  Paper charts referenced to a satellite datum Cartes papier rapportées à un système géodésique satellitaire	rts published cartes publiées rtas publicadas  Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4  Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57  INT RNC ENC INT  Paper charts referenced to a satellite datum Cartes papier rapportées à un système géodésique satellitaire  42 %	rts published cartes publiées rtas publicadas  Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4  Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57 Couvert par des ENC conformes S-57  Cubiertas por ENC cumpliendo S-57  Ving depth in meters c les profondeurs en mètres  Table 100  Offshore passage Navigation au large Pasaje offshore  100  50  100  50  100  50  INT RNC INT RNC Data sour cartes papier rapportées à un système géodésique satellitaire  42 %  Source de	rts published cartes publiées rtas publicadas  Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4  Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57 Couvert par des ENC conformes S-57  Cubiertas por ENC cumpliendo S-57  Cubiertas por ENC cumpliendo S-57  Ving depth in meters c les profondeurs en mètres  Table 100  Offshore passage Navigation au large Pasaje offshore  100  50  60  100  50  60  100  50  60  INT RNC ENC  INT RNC ENC  Data source Source des données	ortes published cartes publiées	orts published cartes publiées ratas publicadas  Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por RNC cumpliendo S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57  Couvert par des ENC conformes S-57  Cubiertas por ENC cumpliendo S-57  LINT RNC ENC INT RNC ENC INT RNC ENC Source des données satellitative satellit	

Maritime Safety information / Renseignements sur la securite maritime / informacion sobre segundad maritima			
Navigational i	information	Status	Notes
Informations i	nautiques	Status	Notes
Información n	náutica	Estado	Notas
Ave	cal warnings ertissements locaux sos locales	Unknown	
Coa Ave	astal warnings ertissements côtiers isos costeros	YES	
Ave	VAREA warnings ertissements NAVAREA isos NAVAREA	YES	
Info	ormation on ports and harbours ormation sur les ports et rades ormación sobre puertos	YES	

#### United Kingdom of Great Britain and Northern Ireland - S Orkney and S Shetland Islands (M)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur < 200m Couverture hydrographique Profondeur > 200mCobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 2 15 20 65 30 68 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente **Notes** Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

### United Kingdom of Great Britain and Northern Ireland - S Orkney and S Shetland Islands (M)

Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4  Covered by RNC meeting S-61 Cubiertas por RNC cumpliendo S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Cubiertas por ENC cumpliendo S-57  Cubiertas por ENC cumpliendo S-57  Paper charts showing depth in meters Covered by ENC meeting S-57 Cubiertas por ENC cumpliendo S-57  Paper charts showing depth in meters Covered by ENC meeting S-57 Cubiertas por ENC cumpliendo S-57  Paper charts referenced to a satellite datum Cartes papier rapportées à un système géodésique  Cartes papier rapportées à un système géodésique  Source des données		/ Cartografia náutica	g / Cartographie marine / Cartografia náutica										
Covered by INT or other paper charts meeting S-4 Cubiertas por cartas de papel INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4  Covered by RNC meeting S-61 Cubiertas por RNC cumpliendo S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Cubiertas por ENC cumpliendo S-57  Paper charts showing depth in meters  Cartes papier avec les profondeurs en mattres  Aproches y puertos  Aproches y puerto						Landfall and Coastal passage							
Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4  Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57 Cubiertas por ENC cumpliendo S-57  INT RNC ENC  Paper charts showing depth in meters Cortes papier rapportées à un système géodésique  Aprioches y puertos  Apr				Navi	gation au	large	Atterrissage et navigation côtière A			Appr			
Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4  Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57  Paper charts showing depth in meters Cortes papier away les profondeurs en mètres  A 2 9/6  Paper charts referenced to a satellite datum Cartes papier rapportées à un système géodésique  Source des données	Cobertur <u>a de cartas publicadas</u>		Pas	saje offsh	ore	Recalada y Pasaje costero			Aproches y puertos				
Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57  Paper charts showing depth in meters Cortes papier away les prefondeurs en mètres  A 2 9/6  Paper charts referenced to a satellite datum Cartes papier rapportées à un système géodésique Cartes papier rapportées à un système géodésique  A 5 9/6  Source des données	% Couvert par des cartes papie	er INT ou autres conformes S	100	100	100	100	100	100	100	100	100		
Cartas de papel con profundidades en metros  Notes Notes Notas	Covered by RNC mee Couvert par des RNC Cubiertas por RNC c Cubiertas por RNC c Covered by ENC mee Covered by ENC mee Couvert par des ENC Cubiertas por ENC c Paper charts showing depth in meters Cartes papier avec les profondeurs en mètres Cartas de papel con profundidades en metros Notes Notes	er INT ou autres conformes S el INT o otras cumpliendo S-4 eting S-61 C conformes S-61 eumpliendo S-61 eting S-57 C conformes S-57 eumpliendo S-57 eumpliendo S-57 eumpliendo S-57  42 % Paper charts referen Cartes papier rappo satellitaire	couvert par des cartes papier INT ou autres conforme dubiertas por cartas de papel INT o otras cumpliendo Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 Ing depth in meters les profondeurs en mètres  42 %  Paper charts ref. Cartes papier ra satellitaire	INT to a satellite s à un systèr	RNC e datum ne géodésiqu	ENC	INT 35 %	RNC Data sour Source de	ENC ce s données	INT		ENC	

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Unknown	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

## United Kingdom of Great Britain and Northern Ireland - St Helena (H)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur < 200m Profondeur > 200mCouverture hydrographique Cobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 99 42 57 1 0 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente **Notes** Full coastline satellite derived bathymetry coverage. Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	Via NAVAREA VII Co-ordinator, South Africa
Safety NET		

### United Kingdom of Great Britain and Northern Ireland - St Helena (H)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % UK Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Large scale ENC coverage of whole island released 2023 Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	Local Authority responsibility - no requirement to promulgate internationally
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Via NAVAREA VII Coordinator, South Africa and SafteyNet
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Through UKHO

#### United Kingdom of Great Britain and Northern Ireland - Tristan da Cunha & Gough I (H)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m ofondeur < 20 fundidad < 20	0m	Pro	Depth > 200n ofondeur > 20 fundidad > 20	00m
Adequately surveyed Correctement hydrographié	39	11	50	1	0	99
Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						

Notes Notes Notas HI1410 2017 HMS Protector. Survey coverage includes 38-1834m depth range around TdC including full extent of BA1769 and shoal 550NM NE of TdC. Navigationally significant shoal depths have been promulgated by NMs.

Large areas of kelp preclude inshore survey.

Gough Island - inadequately surveyed 0m and deeper, however there are limited landing places and is uninhabited except for the personnel of a South African weather station.

<b>GMDSS</b> implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	Via NAVAREA VII Coordinator, South Africa
Safety NET		

#### United Kingdom of Great Britain and Northern Ireland - Tristan da Cunha & Gough I (H)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Approaches and Ports Offshore passage Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % UK Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	Local Authority responsibility - no requirement to promulgate internationally. Tristan De Cunha Radio (ZOE) provides local Weather Bulletins on request only
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Via NAVAREA VII Coordinator, South Africa and SafteyNet
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Through UKHO

### United Kingdom of Great Britain and Northern Ireland - Turks & Caicos Is (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur < 200m Profondeur > 200mCouverture hydrographique Cobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 9 82 17 0 91 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente **Notes** 1. 2019 Multibeam surveys conducted on major routes in Cockburn Harbour, Grand Turk and Notes Providenciales. Notas 2. 2019 LIDAR survey carried out and covers all of 20m contour and out to 30m in a large proportion.

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

### United Kingdom of Great Britain and Northern Ireland - Turks & Caicos Is (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Aproches y puertos Cobertura de cartas publicadas Pasaje offshore Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC **RNC ENC** INT **RNC ENC** INT **RNC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données UK satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes 2019 LIDAR Survey data was delayed. Larger scale charts have been updated. Smaller scale charts **Notes** 3907 & 3908 to follow. Notas New large scale chart 1449 of Approach Channel to Providenciales published 12th October 23

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	YES	Via NAVAREA IV
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Via NAVAREA IV
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	

### **United Republic of Tanzania (H)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié	20	65	15	0	0	100	
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							

#### Notes Notes Notas

- 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.

GMDSS implemen	tation	Status	Notes
Mise en œuvre du	SMDSM	Status	Notes
Implementación SI	MSSM	Estado	Notas
Master	olan		
Plan cad	lre	NO	
Plan pri	ncipal		
A1 area			
Zone A1		NO	
Zona A1			
A2 area			
Zone A2		NO	
Zona A2			
A3 area			
Zone A3		NO	
Zona A3			
NAVTE	X		
NAVTE	X	NO	
NAVTE	X		
Safety N	ET		
Safety N	ET	NO	NAVAREA VIII messages
Safety N	ET		Ŭ

# **United Republic of Tanzania (H)**

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 85 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 74 % 74 % Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes 1. Figures provided by UK Notes Notas

Navigational information	Status	Notes					
Informations nautiques	Status	Notes					
Información náutica	Estado	Notas					
Local warnings Avertissements locaux	Unknown	Local authority responsibility Dar es Salaam MRSC - no					
Avisos locales	Clikilowii	requirement to promulgate internationally.					
Coastal warnings Avertissements côtiers Avisos costeros	NO						
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Issued by NAVAREA VIII (India)					
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Through UKHO					

#### **United States of America (A)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m fondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié	11	39	50	16	4	80	
Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							

#### Notes Notes Notas

Amplifying information:

1. Special national circumstances which influence the statistical break-down above (e.g. geographical factors such as narrow continental shelf or fringing reefs, or constraints such as areas of unstable seabed which require a routine re-survey programme.

The definitions provided regarding C-55 are very broad and general as to how the Hydrographic Office defines survey coverage. For this analysis Coast Survey used the following survey date ranges to determine the C-55 category.

Depths less than or equal to 200 meters:

- 1994 Present = A
- 1940 1993 = B
- Pre 1940 or un-surveyed = C

Depths greater than 200 meters to the extent of the EEZ:

- 1940 Present = A
- Pre 1940 (1851-1939) = B

2

Rev 1

- Un-surveyed = C
- 2. Significant shortfalls in sea areas of high priority for maritime traffic:
- a. Maritime Shipping Routes: None
- 1. International (i.e. between hub ports).
- 2. Regional (i.e. between hub ports and feeder ports).
- 3. Internal (i .e. from feeder ports to other national ports; cruise liner routes):
- b. Ports and Approaches: None
- c. Other (Fisheries; offshore industry)

1.2

<b>GMDSS</b> implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	
Plan principal		
A1 area		
Zone A1	Partial	Planned completion Dec 2012
Zona A1		•
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	YES	
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

# **United States of America (A)**

Nautical charting / Cartographie marine / Cartograf	ia náutica									
Coverage of charts published Couverture des cartes publiées Cobertura de cartas publicadas	Offshore passage Navigation au large Pasaje offshore			Atterriss	Landfall and Coastal passage Atterrissage et navigation côtière Recalada y Pasaje costero			Approaches and Ports Approches et ports Aproches y puertos		
% Couvert par des cartes papier INT ou au	Covered by INT or other paper charts meeting S-4					100	100	100	100	80
Couvert par des RNC conform Cubiertas por RNC cumplience Covered by ENC meeting S-5% Couvert par des ENC conform	Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57					RNC	ENC	INT	RNC	ENC
Paper charts showing depth in meters Cartes papier avec les profondeurs en mètres Cartas de papel con profundidades en metros  Notes Details in the table apply only	Paper charts referenced Cartes papier rapportée satellitaire Cartas de papel referida	s à un systèn	ne géodésiqu	ue	100 %	Data sour Source de Origen de	es données		Ask US	SA
Notas are shown in the tables within	section 2.2(									

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

### United States of America - Alaska and Arctic (including Aleutian Islands) (N)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié	18	28	54	0	0	100	
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							

#### Notes Notes Notas

Amplifying information:

1. Special national circumstances which influence the statistical break-down above (e.g. geographical factors such as narrow continental shelf or fringing reefs, or constraints such as areas of unstable seabed which require a routine re-survey programme.

The definitions provided regarding C-55 are very broad and general as to how the Hydrographic Office defines survey coverage. For this analysis Coast Survey used the following survey date ranges to determine the C-55 category.

Depths less than or equal to 200 meters:

- 1994 Present = A
- 1940 1993 = B
- Pre 1940 or un-surveyed = C

Depths greater than 200 meters to the extent of the EEZ:

- 1940 Present = A
- Pre 1940 (1851-1939) = B

2

Rev 1

- Un-surveyed = C
- 2. Significant shortfalls in sea areas of high priority for maritime traffic:
- a. Maritime Shipping Routes: None
- 1. International (i.e. between hub ports).
- 2. Regional (i.e. between hub ports and feeder ports).
- 3. Internal (i .e. from feeder ports to other national ports; cruise liner routes):
- b. Ports and Approaches: None
- c. Other (Fisheries; offshore industry)

1.2

<b>GMDSS</b> implementation	Status	Notes				
Mise en œuvre du SMDSM	Status	Notes				
Implementación SMSSM	Estado	Notas				
Master plan						
Plan cadre	YES					
Plan principal						
A1 area						
Zone A1	NO					
Zona A1						
A2 area						
Zone A2	Partial					
Zona A2						
A3 area						
Zone A3	YES	Not available north of 70N				
Zona A3						
NAVTEX		Available within approximately 200 miles of Kodiak. Information				
NAVTEX	Partial					
NAVTEX		regarding Kodiak Area and Aleutian Chain is broadcast.				
Safety NET						
Safety NET	YES	Not available north of 70N				
Safety NET						

# United States of America - Alaska and Arctic (including Aleutian Islands) (N)

Nautical charting / Cartographie marine / Cartografia náutica

Coverage of charts published		Offshore passage	Landfall and Coastal passage	Approaches and Ports		
Couverture des cartes publiées		Navigation au large		Approches et ports		
Cobertura de cartas publicadas		Pasaje offshore	Recalada y Pasaje costero	Aproches y puertos		
Covered by INT or other pape Couvert par des cartes papier Cubiertas por cartas de papel	INT ou autres conformes		0 100 100 97	100 100 100		
Covered by RNC meet Couvert par des RNC Cubiertas por RNC cu	ting S-61 conformes S-61					
Covered by ENC meet Couvert par des ENC	_					
Cubiertas por ENC cu		DIE DIG EN	DIE DIG FING	DIE DIG ENG		
		INT RNC ENC		INT RNC ENC		
Paper charts showing depth in meters Cartes papier avec les profondeurs en mètres Cartas de papel con profundidades en metros	2 % Cartes papier rapp	portées à un système géodésique eferidas a un datum satelital	Data source Source des données Origen de los datos			
Notes						
Notes						
Notas						
Maritime Safety Information / Renseignen	nents sur la sécurité ma	aritime / Información sobre	seguridad marítima			
Navigational information	Status		Notes			
Informations nautiques	Status		Notes			
Información náutica	Estado		Notas			
Local warnings Avertissements locaux Avisos locales	YES					
Coastal warnings						

YES

YES

YES

Avertissements côtiers
Avisos costeros
NAVAREA warnings
Avertissements NAVAREA

Avisos NAVAREA

Information on ports and harbours

Information sur les ports et rades Información sobre puertos

## United States of America - American Samoa (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur > 200mCouverture hydrographique Profondeur < 200m Cobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 4 0 0 96 0 100 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSN	1 Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre	NO	
Plan principal	NO	
A1 area	110	
Zone A1 Zona A1	NO	
A2 area		
Zone A2 Zona A2	NO	
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX	110	
NAVTEX NAVTEX	NO	
Safety NET		
Safety NET	YES	
Safety NET	~	

# United States of America - American Samoa (L)

Nauticai d	charting / Cartographie marine /	Cartograf	nautica									
	of charts published			Offs	shore pass	sage	Landfa	ll and Coastal	l passage	Approa	aches and	l Ports
	verture des cartes publiées			Navigation au large			Atterrissage et navigation côtière			Approches et ports		
Cobertura	rtura de cartas publicadas				Pasaje offshore			Recalada y Pasaje costero			ches y pu	ertos
					100	100	100	100	100	100	100	80
Cartes pap	% Couvert par des cartes papie	er INT ou and el INT o otretting S-6. Conformumplience eting S-5. Conform	utres conformes S-4 as cumpliendo S-4  1 nes S-61 do S-61 7 nes S-57	s à un systèn	RNC e datum ne géodésiqu	ENC	INT	RNC Data sour Source de Origen de	ENC ce s données	INT	RNC	ENC

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	

#### United States of America - Guam and Wake Island (K)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié	0	19	81	12	0	88	
Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							

#### Notes Notes Notas

Special national circumstances which influence the statistical break-down above (e.g. geographical factors such as narrow continental shelf or fringing reefs, or constraints such as areas of unstable seabed

which require a routine resurvey programme): No special circumstances influenced the statistical breakdown.

3

#### Rev 1

See note under section 1.

- 2. Significant shortfalls in sea areas of high priority for maritime traffic:
- a. Maritime Shipping Routes:
- (1) International (i.e. between hub ports): None
- (2) Regional (i.e. between hub ports and feeder ports): None
- (3) Internal (i.e. from feeder ports to other national ports; cruise liner routes): None
- b. Ports and Approaches: None
- c. Other (fisheries; offshore industry): None

1.3

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	Partial	Guam Only
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	YES	Guam Only
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

# United States of America - Guam and Wake Island (K)

Nautical charting / Cartographie marine / Cartografia náutica

Avisos costeros NAVAREA warnings Avertissements NAVAREA

Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades YES

YES

Coverage of charts published Couverture des cartes publiées Cobertura de cartas publicadas		Offshore passage Navigation au large Pasaje offshore			Atterriss	ill and Coasta age et navigat lada y Pasaje	tion côtière	Approaches and Ports Approches et ports Aproches y puertos					
Cobertur	%	Covered by INT or other pap Couvert par des cartes papier			100	100	100	100	100	100	100	100	78
	/0	Cubiertas por cartas de papel	l INT o otras o										
	%	Covered by RNC meet Couvert par des RNC	_	s S-61									
	70	Cubiertas por RNC cu											
		Covered by ENC meet	ting S-57	•									
	<b>%</b>	Couvert par des ENC											
		Cubiertas por ENC cu			INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
		wing depth in meters ec les profondeurs en mètres	10 % Ca	per charts referenced rtes papier rapportée			ue 1	100 %	Data sour Source de		2		
		con profundidades en metros	Sat	ellitaire rtas de papel referida	s a un datun	n satelital		100 70	Origen de				
Notes													
Notes													
Notas													
		y Information / Renseigner		sécurité maritin	ne / Infor	mación	sobre se						
Navigatio Informati		formation autiques	Status Status					No No					
Informac			Estado					No					
	Loca	l warnings											
		tissements locaux	YES										
		os locales tal warnings											
		tissements côtiers	YES										

#### United States of America - Hawaiian Islands, Midway Island, & Johnston Atoll (A)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié	4	0	96	0	0	100	
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							

#### Notes Notes Notas

Special national circumstances which influence the statistical break-down above (e.g. geographical factors such as narrow continental shelf or fringing reefs, or constraints such as areas of unstable seabed

which require a routine resurvey programme): No special circumstances influenced the statistical breakdown.

3

#### Rev 1

See note under section 1.

- 2. Significant shortfalls in sea areas of high priority for maritime traffic:
- a. Maritime Shipping Routes:
- (1) International (i .e. between hub ports): None
- (2) Regional (i.e. between hub ports and feeder ports): None
- (3) Internal (i.e. from feeder ports to other national ports; cruise liner routes): None
- b. Ports and Approaches: None
- c. Other (fisheries; offshore industry): None

1.3

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	Partial	Hawaii Islands only
Plan principal		
A1 area		
Zone A1	Partial	Hawaii Islands only
Zona A1		•
A2 area		
Zone A2	Partial	Hawaii Islands only
Zona A2		•
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	Partial	Hawaii Islands only
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

# United States of America - Hawaiian Islands , Midway Island, & Johnston Atoll (A)

Coverage of charts published Couverture des cartes publiées Cobertura de cartas publicadas		ia nautica	Navig	shore pas gation au saje offsh	large	Atterrissa	l and Coasta ge et navigat ida y Pasaje	tion côtière	Approaches and Port Approches et ports Aproches y puertos		
Covered by INT or other pa Couvert par des cartes papic Cubiertas por cartas de pap	er INT ou au	utres conformes S-4	100	100	100	100	100	100	100	100	100
Covered by RNC med Couvert par des RNC Cubiertas por RNC of Covered by ENC med Couvert par des ENC Cubiertas por ENC of	C conforn cumplience eting S-57 C conforn	nes S-61 do S-61 7 nes S-57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Paper charts showing depth in meters Cartes papier avec les profondeurs en mètres Cartas de papel con profundidades en metros	0	Paper charts referenced Cartes papier rapportée satellitaire Cartas de papel referida	s à un systèn	ne géodésiqu	1 1	00 %	Data sour Source de Origen de	s donnée			
Notes Notas											

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

## United States of America - Howland & Baker Islands (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Couverture hydrographique Profondeur < 200m Profondeur > 200mCobertura hidrográfica Profundidad < 200m Profundidad > 200m Adequately surveyed 4 0 0 96 0 100 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	YES	

# United States of America - Howland & Baker Islands (L)

Nautical charting / Cartographie marine / Cartografia náutica

Coastal warnings

Avertissements côtiers Avisos costeros NAVAREA warnings

Avertissements NAVAREA Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades NO

NO

NO

Coverage of charts published Couverture des cartes publiées				Offshore passage Navigation au large				l and Coastal		Approaches and Ports Approches et ports		
	de cartes publicadas			_	gation au saje offsh	_		ge et navigat ida y Pasaje (			ocnes et ches y pu	· .
	Covered by INT or other paper Couvert par des cartes papier Cubiertas por cartas de paper	INT ou autres confo	ormes S-4	100	100	100	100	100	100	100	100	80
	Covered by RNC mee Couvert par des RNC Cubiertas por RNC cu Covered by ENC mee Couvert par des ENC Cubiertas por ENC cu	ting S-61 conformes S-61 impliendo S-61 ting S-57 conformes S-57	l	INT	PMC	ENC	INT	DNC	ENG	INT	PMC	ENC
Cartes papie	s showing depth in meters er avec les profondeurs en mètres apel con profundidades en metros	Paper chart Cartes papi satellitaire	ts referenced t ier rapportées	à un systèn	ne géodésiqu	ENC 1	00 %	RNC Data sour Source de	s données		RNC	ENC
Notes Notes	sper con protanuluaues en meu os	Cartas de p	apel referidas	a un datun	n satelital			Origen de	ios datos			
Notes												
Notas												
Maritime S	Safety Information / Renseigner	nents sur la sécurit	té maritim	e / Infor	mación	sobre seg	uridad n	narítima				
Navigation	al information	Status					Not	es				
	ns nautiques	Status					Not					
I	Local warnings Avertissements locaux	NO					Not	as				
	Avisos locales											

#### **United States of America - INT Region A - East Coast (A)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Pro	Depth < 200m fondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié	10	37	53	16	5	79	
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement							
Nunca levantado sistemáticamente							

#### Notes Notes Notas

Amplifying information:

1. Special national circumstances which influence the statistical break-down above (e.g. geographical factors such as narrow continental shelf or fringing reefs, or constraints such as areas of unstable seabed which require a routine re-survey programme.

The definitions provided regarding C-55 are very broad and general as to how the Hydrographic Office defines survey coverage. For this analysis Coast Survey used the following survey date ranges to determine the C-55 category.

Depths less than or equal to 200 meters:

- 1994 Present = A
- 1940 1993 = B
- Pre 1940 or un-surveyed = C

Depths greater than 200 meters to the extent of the EEZ:

- 1940 Present = A
- Pre 1940 (1851-1939) = B

2

Rev 1

- Un-surveyed = C
- 2. Significant shortfalls in sea areas of high priority for maritime traffic:
- a. Maritime Shipping Routes: None
- 1. International (i.e. between hub ports).
- 2. Regional (i.e. between hub ports and feeder ports).
- 3. Internal (i.e. from feeder ports to other national ports; cruise liner routes):
- b. Ports and Approaches: None
- c. Other (Fisheries; offshore industry)

1.2

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	Unknown	
Plan principal		
A1 area		
Zone A1	Unknown	
Zona A1		
A2 area		
Zone A2	Unknown	
Zona A2		
A3 area		
Zone A3	Unknown	
Zona A3		
NAVTEX		
NAVTEX	Unknown	
NAVTEX		
Safety NET		
Safety NET	Unknown	
Safety NET		

# United States of America - INT Region A - East Coast (A)

Nautical charting / Cartographie marine / Cartografia náutica

Avertissements côtiers

Avisos costeros NAVAREA warnings Avertissements NAVAREA

Avisos NAVAREA

Information on ports and harbours Information sur les ports et rades

Información sobre puertos

Unknown

Unknown

Unknown

Coverage of charts published			Offshore passage			Landfall and Coastal passage			Approaches and Ports			
Couverture des cartes publiées Cobertura de cartas publicadas			Navigation au large Pasaje offshore			Atterrissage et navigation côtière Recalada y Pasaje costero			Approches et ports Aproches y puertos			
		Pas	saje onsne	ore				Apro	enes y pu	ertos		
	Covered by INT or other pap			100	100	80	100	100	100	100	100	100
	Couvert par des cartes papier Cubiertas por cartas de pape											
	Cubici tas poi cai tas de pape	in in o otras cum	phendo 5-4									
	Covered by RNC mee	ting S-61										
	% Couvert par des RNC	conformes S-	-61									
	Cubiertas por RNC cu	ımpliendo S-6	51									
Covered by ENC meeting S-57												
	% Couvert par des ENC conformes S-57											
	Cubiertas por ENC cu			DIF	DNG	FNG		DNG	ENIG		DNG	FNG
			harts referenced	INT to a satellite	RNC	ENC	INT	RNC Data sour	ENC	INT	RNC	ENC
	ts showing depth in meters ier avec les profondeurs en mètres	1 0% Cartes I	papier rapportée			e   1					ak IIS	ا ۵
	papel con profundidades en metros	Satellita		las a un datum satelital			00 % Source des données Origen de los datos					
Notes	1						L.	. 8				
Notes												
Notas												
Maritima	Safety Information / Denseigner	mante cur la cáca	uritá maritin	ne / Info	mación o	obre sec	uridad s	narítima				
Maritime Safety Information / Renseignemer  Navigational information		Status	urite mantilli	ne / IIIOI	macion S	obie seg	Not					
Informations nautiques		Status					Not					
	ión náutica	Estado					Not					
	Local warnings											
	Avertissements locaux	Unknown										
	Avisos locales											
	Coastal warnings	1										

## **United States of America - INT Region A - West Coast (A)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur < 200m Couverture hydrographique Profondeur > 200mCobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente **Notes** Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	Unknown	
Plan principal		
A1 area		
Zone A1	Unknown	
Zona A1		
A2 area		
Zone A2	Unknown	
Zona A2		
A3 area		
Zone A3	Unknown	
Zona A3		
NAVTEX		
NAVTEX	Unknown	
NAVTEX		
Safety NET		
Safety NET	Unknown	
Safety NET		

## United States of America - INT Region A - West Coast (A)

Nautical charting / Cartographie marine / Cartografia náutica

Coastal warnings Avertissements côtiers

Avisos costeros NAVAREA warnings Avertissements NAVAREA

Avisos NAVAREA

Information on ports and harbours

Information sur les ports et rades Información sobre puertos Unknown

Unknown

Unknown

Cohertura de cartas publicadas    Covered hy INT or other paper charts metting 8-4   Couvert par des cartes papier INT or autres conformes 8-4   Cohertas por carta de papier INT of tora compliendo 8-4   Couvert par des RNC conformes 8-61   Cubiertas por RNC cumpliendo 8-61   Notario 8-7   Cubiertas por RNC cumpliendo 8-61   Notario 8-7   Cubiertas por RNC cumpliendo 8-61   Notario 8-7   Notario 8-7   Cubiertas por RNC cumpliendo 8-61   Notario 8-7   Nota		Coverage of charts published			Offshore passage			Landfall and Coastal passage			Approaches and Ports		
Covered by RNC meeting S-61 Cubiertas por cards de page INT of one conformes S-61 Cubiertas por cards de page INT of one compliendo S-61 Cubiertas por cards de page INT of one compliendo S-61 Cubiertas por cards de page INT of one compliendo S-61 Cubiertas por cards de page INT of one compliendo S-61 Cubiertas por ENC cumpliendo S-61 Cubiertas por ENC cumpliendo S-57 Cubiertas por ENC cumpliendo S-61 Cubiertas	Couverture des cartes publiées Cobertura de cartas publicadas			Navigation au large			Atterrissage et navigation côtière Recalada y Pasaje costero			Approches et ports			
Covered by RNC meeting S-61 Cubiertas por artis de papel PNT on autres conformes S-4 Cubiertas por artis de papel PNT or oriza cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57  Cubiertas por ENC cumpliendo S-61 Cubiertas por ENC cumpliendo S-61 Notes Cartes de papel ency les profondeurs en mètres Cartes paper avec les profondeurs en mètres Cartes de papel en profundidades en metros Notes Notes Notes Notes Notes National Safety Information / Renseignements aur la sécurité maritime / Información sobre seguridad marítima  Maritime Safety Information / Renseignements aur la sécurité maritime / Información sobre seguridad marítima				Pas	saje offshe	ore	recuiu	lua y 1 usuje	costero	Apro	ches y pu	ertos	
Covered by RNC meeting S-61 Cubiertas por RNC cumpliendo S-61 Cubiertas por RNC cumpliendo S-61 Cubiertas por ENC cumpliendo S-57 Notes paper avec les presondatus en mètres Cartes de papel en profundidades en metros Notes Notes Notes Notes Notes Notas  Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad maritima  Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad maritima  Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad maritima		% Couvert par des cartes papier	INT ou autres conformes S-4	100	100	88	100	100	96	100	100	100	
Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Cuvert par des ENC conformes S-57 Cuvert par des ENC cumpliendo S-57 Cubiertas por ENC cumpliendo S-57 Cubi			-										
Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Cubiertas por ENC cumpliendo S-57 Cubiertas por ENC cumpliendo S-57 Cubiertas por ENC cumpliendo S-57  Paper charts scherenced to a statilic datum Cartes papier avec les profinedium care imperior substitution a statilic datum Cartes papier avec les profinedium carrier papier charts experience and variety in the carrier		•	_										
Covered by ENC meeting S-57 Coulortap and eas ENC conformes S-57 Cubiertap por ENC cumplicated S-57  Int RNC ENC INT RNC ENC INT RNC ENC The paper charts showing depth in meters Cartes papier avec less profondeurs en mètres Cartes papier avec les profondeurs en mètres Cartes de papel con profundidades en metros  Notes Notes Notes Notes Notes Notas  Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima		_											
Couvert par des ENC comformes S-57 Cubiertas por ENC cumpliendo S-57 NT RNC ENC Notes Cartes papier avec les profondeurs en mètres Cartes papier con profundidades en metros Notes Notes Notes Notas  Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima		-											
Cubiertas por ENC cumpliendo S-57  INT RNC ENC INT RNC ENC INT RNC ENC Cartas paper race les profinedares en mètres Cartas de papel con profundidades en metros  Notes Notes Notas  Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima		· ·	_										
Paper charts showing depth in meters Cartes papier avec les profondeurs en mètres Cartes papier avec les profondeurs en mètres Notes Notes Notes Notas  Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima    Paper charts referenced to suddiction profondidades en metros   1 %   Sarchine proportées à un système géodésique stabilitative   100 %   100		_											
Cartes papier avec les profundidades en metros Carta de papel con profundidades en metros Notes Notes Notes Notas  Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima  1 % Cartes papier avec les profundidades en metros Cartas de papel con profundidades en metros Notes Note		Cubiertas por ENC cu	impliendo S-57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC	
Cartas de papel con profundidades en metros  Notes Notes Notas  ASK USA  ASK USA  ASK USA  Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima			la*										
Notes Notas  Notas  Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima	Cartes papier avec les profondeurs en mètres 1 % Cartes papier rapportée		11										
Notes Notas  Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima		apei con profundidades en metros	Cartas de papel referid	as a un datur	n satelital			Origen de	los datos	<b> </b>			
Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima													
Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima													
	Notas												
, o													
, o													
, o												I	
, o													
, o													
, o													
, o													
, o													
, o													
, o													
, o													
, o													
, o													
, o													
, o													
, o													
, o													
, o													
Navigauonai information   Status   Notes	Maritime S	Safety Information / Penseigner	nents sur la sécuritá mariti	me / Info	rmación s	ohra sag	uridad m	arítima					
Informations nautiques Status Notes		•		me / Infor	rmación s	obre seg							
Información náutica Estado Notas	Navigation	al information	Status	me / Infor	rmación s	obre seg	Note	es					
Local warnings	Navigation Informatio	al information ns nautiques	Status Status	me / Infor	rmación s	obre seg	Note Note	es es					
	Navigation Informatio Informació	al information ns nautiques on náutica Local warnings	Status Status Estado	me / Infor	rmación s	obre seg	Note Note	es es					
Avertissements locaux Unknown	Navigation Informatio Informació	al information ns nautiques on náutica Local warnings	Status Status Estado	me / Infor	rmación s	obre seg	Note Note	es es					

#### **United States of America - INT Region B (B)**

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m			
Adequately surveyed Correctement hydrographié	10	57	33	70	5	25	
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							

#### Notes Notes Notas

Amplifying information:

1. Special national circumstances which influence the statistical break-down above (e.g. geographical factors such as narrow continental shelf or fringing reefs, or constraints such as areas of unstable seabed which require a routine re-survey programme.

The definitions provided regarding C-55 are very broad and general as to how the Hydrographic Office defines survey coverage. For this analysis Coast Survey used the following survey date ranges to determine the C-55 category.

Depths less than or equal to 200 meters:

- 1994 Present = A
- 1940 1993 = B
- Pre 1940 or un-surveyed = C

Depths greater than 200 meters to the extent of the EEZ:

- 1940 Present = A
- Pre 1940 (1851-1939) = B

2

Rev 1

- Un-surveyed = C
- 2. Significant shortfalls in sea areas of high priority for maritime traffic:
- a. Maritime Shipping Routes: None
- 1. International (i.e. between hub ports).
- 2. Regional (i.e. between hub ports and feeder ports).
- 3. Internal (i .e. from feeder ports to other national ports; cruise liner routes):
- b. Ports and Approaches: None
- c. Other (Fisheries; offshore industry)

1.2

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	Unknown	
Plan principal		
A1 area		
Zone A1	Unknown	
Zona A1		
A2 area		
Zone A2	Unknown	
Zona A2		
A3 area		
Zone A3	Unknown	
Zona A3		
NAVTEX		
NAVTEX	Unknown	
NAVTEX		
Safety NET		
Safety NET	Unknown	
Safety NET		

## United States of America - INT Region B (B)

Covered by INT or other paper charts meeting S-4 Cubiertas por cartas de papel INT o uautres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4  Covered by RNC meeting S-61 Cubiertas por RNC cumpliendo S-61 Cubiertas por RNC cumpliendo S-61 Cubiertas por ENC cumpliendo S-57 Cubiertas por ENC cumpliendo S-57 Cubiertas por ENC cumpliendo S-57  Paper charts showing depth in meters Cartes papier avec les profondeurs en mètres Cartas de papel con profundidades en metros  Notes  Notes  Notes		irting / Cartographie marine / Cartograi	ia ilautica	0.00	,		1					
Covered by INT or other paper charts meeting S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Cubiertas por ENC cumpliendo S-61 Cartes papier avec les profondeurs en mètres Cartas de papel con profundidades en metros  Notes Notes  Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier iNT ou autres conformes S-4 Cubiertas por ENC cumpliendo S-61  INT RNC ENC INT RNC ENC INT RNC ENC Source des données Origen de los datos  Aproches y puertos  Aproches y puertos  100 100 100 100 100 100 100 100 100  100 100												
Covered by INT or other paper charts meeting S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-61 Covered by ENC meeting S-57 Cubiertas por ENC cumpliendo S-57  Cubiertas por ENC cumpliendo S-57  Cubiertas por ENC cumpliendo S-57  Paper charts showing depth in meters Cartes papier avec les profondeurs en mètres Cartas de papel con profundidades en metros  Notes  Notes  Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100  INT RNC ENC INT RNC ENC INT RNC ENC  Data source Source des données Origen de los datos  Ask USA		=										
Covered by RNC meeting S-61 Cubiertas por RNC conformes S-4 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-61 Covered by ENC meeting S-61 Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57  Paper charts showing depth in meters Cartes papier avec les profondeurs en mètres Cartas de papel con profundidades en metros  1 % Paper charts referenced to a satellite datum Cartes papier avec les profondeurs en mètres Cartas de papel con profundidades en metros  1 % Paper charts referenced to a satellite datum Cartes papier avec les profondeurs en mètres Cartas de papel con profundidades en metros  1 % Paper charts referenced to a satellite datum Cartes papier rapportées à un système géodésique satellitaire Cartas de papel referidas a un datum satelital  100 % Paper charts showing depth in meters Cartas de papel con profundidades en metros  1 % Paper charts referenced to a satellite datum Cartes papier rapportées à un système géodésique satellitaire Cartas de papel referidas a un datum satelital  100 % Paper charts showing depth in meters Cartas de papel con profundidades en metros  1 % Paper charts referenced to a satellite datum Cartes papier rapportées à un système géodésique satellitaire Cartas de papel referidas a un datum satelital  100 % Paper charts set paper set paper set paper referidas a un datum satellital	Cobertura de	e cartas publicadas		Pas	saje offsne	ore	Recar	uda y rasaje	costero	Apro	enes y pu	ertos
Couvert par des RNC cumpliendo S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT RNC ENC INT RNC ENC INT RNC ENC Paper charts showing depth in meters Cartes papier avec les profondeurs en mètres Cartes papier avec les profondeurs en mètres Cartas de papel con profundidades en metros  Notes Notes	9/	6 Couvert par des cartes papier INT ou au	utres conformes S-4	100	100	100	100	100	100	100	100	100
	9/ 9/ Paper charts s Cartes papier	Couvert par des cartes papier INT ou au Cubiertas por cartas de papel INT o otre Couvert par des RNC conform Cubiertas por RNC cumplient Covered by ENC meeting S-57 Couvert par des ENC conform Cubiertas por ENC cumplient Cubiertas por ENC cubiertas por E	atres conformes S-4 as cumpliendo S-4  I nes S-61 do S-61  T nes S-57 do S-57 Paper charts referenced Cartes papier rapportées satellitaire	INT to a satellite s à un systèr	RNC e datum me géodésiqu	ENC	INT	RNC Data sour Source de	ENC ce s données	INT	RNC	ENC

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	Unknown	
Coastal warnings Avertissements côtiers Avisos costeros	Unknown	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	Unknown	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	Unknown	

#### United States of America - Jarvis Island (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Couverture hydrographique Profondeur < 200m Profondeur > 200mCobertura hidrográfica Profundidad < 200m Profundidad > 200m Adequately surveyed 4 0 0 96 0 100 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	YES	

## United States of America - Jarvis Island (L)

	rting / Cartographie marine / charts published	Cartogra	na naunca	Offs	hore nas	sage	T 36-11	l d Ct		Appro	aches and	d Ports
	des cartes publiées			Offshore passage Navigation au large				l and Coasta ge et navigat		Approaches and Ports Approches et ports		
Cobertura de	tura de cartas publicadas			Pas	saje offsh	ore	Recala	ida y Pasaje	costero	Aproches y puertos		
%	Covered by INT or other pap Couvert par des cartes papie Cubiertas por cartas de pape	r INT ou a	utres conformes S-4	100	100	100	100	100	100	100	100	80
	Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57											
_	Cubiertas por ENC cu	ımplien	do S-57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Cartes papier a Cartas de pape	chowing depth in meters avec les profondeurs en mètres el con profundidades en metros	0	Paper charts referenced Cartes papier rapportées satellitaire Cartas de papel referida	to a satellite s à un systèr	datum ne géodésiqu		00 %	Data sour Source de Origen de	ce es données	s		
Notes Notes Notas												

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	

#### United States of America - Kingman Reef & Palmyra Island (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Couverture hydrographique Profondeur < 200m Profondeur > 200mCobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 4 0 0 96 0 100 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	YES	

## United States of America - Kingman Reef & Palmyra Island (L)

Nautical charting / Cartographie marine / Cartografia náutica

Avertissements côtiers

Avisos costeros NAVAREA warnings Avertissements NAVAREA

Avisos NAVAREA

Information on ports and harbours

Information sur les ports et rades Información sobre puertos NO

NO

NO

Coverage of charts published Couverture des cartes publiées Cobertura de cartas publicadas		Navig	hore pass ation au aje offsh	large	Atterrissa	l and Coastal ge et navigat ada y Pasaje	ion côtière	Approaches and Ports Approches et ports Aproches y puertos				
	Covered by INT or other paper Couvert par des cartes papier Cubiertas por cartas de papel	INT ou autres con	nformes S-4	100	100	100	100	100	100	100	100	100
	Cubiertas por cartas de papel INT o otras cumpliendo S-4  Covered by RNC meeting S-61  Couvert par des RNC conformes S-61  Cubiertas por RNC cumpliendo S-61  Covered by ENC meeting S-57  Couvert par des ENC conformes S-57  Cubiertas por ENC cumpliendo S-57		INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC	
Cartes pap Cartas de p	ts showing depth in meters ier avec les profondeurs en mètres papel con profundidades en metros	O Cartes pa	arts referenced apier rapportées re e papel referidas	to a satellite s à un systèn	datum ne géodésiqu		00 %	Data sour Source de Origen de	ce s données			
Notes Notes Notas												
	Safety Information / Renseigner	nents sur la sécu	rité maritim	ne / Infor	mación s	sobre seg	uridad n	narítima				
	nal information	Status					Not					]
	ons nautiques	Status					Not					
informac	ón náutica Local warnings	Estado					Not	as				
	Avertissements locaux Avisos locales Constol warnings	NO										

#### United States of America - Puerto Rico & US Virgin Islands, & Navassa Island (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur < 200m Profondeur > 200mCouverture hydrographique Cobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 0 17 0 0 94 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente **Notes** Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	No for Navass Island
Plan principal		
A1 area		
Zone A1	Partial	No for Navass Island
Zona A1		
A2 area		
Zone A2	Partial	No for Navass Island
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	YES	No for Navass Island
NAVTEX		
Safety NET		
Safety NET	YES	
Safety NET		

### United States of America - Puerto Rico & US Virgin Islands, & Navassa Island (B)

	arting / Cartographie marine / Cartogran	ia nautica				1					
	f charts published			shore pass			ll and Coasta			aches and	
	des cartes publiées		Navigation au large			Atterrissage et navigation côtière Recalada y Pasaje costero			Approches et ports		
Cobertura d	de cartas publicadas		Pas	saje offsh	ore	Kecai	ada y Pasaje	costero	Apro	ches y pu	ertos
0,	Covered by INT or other paper charts n Couvert par des cartes papier INT ou au Cubiertas por cartas de papel INT o otra	tres conformes S-4	100	100	100	100	100	100	100	100	100
	Covered by RNC meeting S-61 Couvert par des RNC conform Cubiertas por RNC cumpliend Covered by ENC meeting S-57 Couvert par des ENC conform	nes S-61 lo S-61 nes S-57									
-	Cubiertas por ENC cumpliend	lo S-57	INT	RNC	<b>ENC</b>	INT	RNC	ENC	INT	RNC	ENC
Cartes papier Cartas de pap	showing depth in meters r avec les profondeurs en mètres pel con profundidades en metros	Paper charts referenced Cartes papier rapportées satellitaire Cartas de papel referida:	to a satellite s à un systèn	e datum ne géodésiqu		00 %	Data sour Source de Origen de	ce s données	;		
Notes Notes Notas											

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

# Uruguay (C1)

urvey coverage ouverture hydrographique obertura hidrográfica		hydrographique Profondeur < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
Correcte Adecuad  Re-surve Nécessita Requiere  Never sy Jamais h	ely surveyed ment hydrographié amente levantado  y required ant de nouveaux levés nuevo levantamiento stematically surveyed ydrographié systématiquement vantado sistemáticamente	58	42	0	30	60	10
Notos	tht and survey techniques, a compared to the previous upon		s been ma	ide that sig	gnificantly	changes	the

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	YES	National Maritime Search and Rescue Plan (MRCC Uruguay)
Plan principal		
A1 area		
Zone A1	YES	
Zona A1		
A2 area		
Zone A2	YES	
Zona A2		
A3 area		
Zone A3	YES	
Zona A3		
NAVTEX		
NAVTEX	NO	La Paloma NAVTEX station is inoperative on 490 and 518KHz.
NAVTEX		
Safety NET		
Safety NET	NO	-
Safety NET		

#### Uruguay (C1)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 ENC INT RNC INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source SOHMA / Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Uruguay Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes 98% of paper charts are six years old or less in their current edition. Notes 100% coverage in ENCs of commercial ports of the country. Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	N/A	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	via NAVAREA VI (SHN / Argentina is NAVAREA VI Coordinator).
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

## Uzbekistan (F)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey cov	ohic surveying / Levés hydrographiques / Levantamientos h v <mark>erage</mark>	Depth < 200m Depth > 200m			
	e hydrographique hidrográfica	Profondeur < 200m Profundidad < 200m	Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente	Protundidad < 200m	Profundidad > 200m		
Notes Notes Notas					

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	N/A	
A1 area Zone A1 Zona A1	N/A	
A2 area Zone A2 Zona A2	N/A	
A3 area Zone A3 Zona A3	N/A	
NAVTEX NAVTEX NAVTEX	N/A	
Safety NET Safety NET Safety NET	N/A	

#### Uzbekistan (F)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres Source des données satellitaire Cartas de papel con profundidades en metros Cartas de papel referidas a un datum satelital Origen de los datos Notes Notes Notas Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima Navigational information Status Notes **Informations nautiques** Status Notes Información náutica Estado Notas Local warnings N/A Avertissements locaux Avisos locales Coastal warnings

Avertissements côtiers

Avisos costeros NAVAREA warnings Avertissements NAVAREA

Avisos NAVAREA

Information on ports and harbours

Information sur les ports et rades Información sobre puertos N/A

N/A

N/A

## Vanuatu (L)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	aphic surveying / Levés hydrographiques / Levantamientos loverage overage ore hydrographique ora hidrografica	Pro	Depth < 200m ofondeur < 20 fundidad < 20	0m	Depth > 200m Profondeur > 200m Profundidad > 200m		
-	Adequately surveyed Correctement hydrographié Adecuadamente levantado	7	40	53	15	0	85
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	New surveys completed at Port Resolution, Wala island	Loanatom	, Anelgho	what Bay,	Waisisi B	ay, Homo	o Bay and

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan	NO	
Plan cadre	NO	
Plan principal		
A1 area	270	
Zone A1	NO	SAR is handled by MRSC New Caledonia.
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

#### Vanuatu (L)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes 1. Data provided by UK. Notes 2. All UK coverage now metric and WGS84 Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	

## Venezuela (B)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co Couvertu	pnic surveying / Leves nydrographiques / Levantamientos r werage re hydrographique a hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	Adequately surveyed Correctement hydrographié Adecuadamente levantado	78	12	10	41	1	58
	Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas		1					
Notas							

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

#### Venezuela (B)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Cobertura de cartas publicadas Pasaje offshore Aproches y puertos Covered by INT or other paper charts meeting S-4 51 100 100 100 100 100 100 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 **ENC** INT **RNC ENC** INT **RNC ENC** INT **RNC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	YES	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	via NAVAREA IV (NOAA is NAVAREA IV coordinator).
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	Changes to ports and harbours passed to charting authority.

### Viet Nam (K)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Hydrographic surveying / Levés hydrographiques / Levantamien  Survey coverage  Couverture hydrographique  Cobertura hidrográfica	Pr	Depth < 200n ofondeur < 20 ofundidad < 2	00m	Pro	Depth > 2001 ofondeur > 2 fundidad > 2	00m
Adequately surveyed Correctement hydrographié Adecuadamente levantado	90	0	10	63	0	37
Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	1					

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	YES	
A1 area Zone A1 Zona A1	YES	
A2 area Zone A2 Zona A2	YES	
A3 area Zone A3 Zona A3	YES	
NAVTEX NAVTEX NAVTEX	YES	
Safety NET Safety NET Safety NET	NO	

#### Viet Nam (K)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertur<u>a de cartas publicadas</u> Aproches y puertos Covered by INT or other paper charts meeting S-4 100 0 100 100 0 84 100 81 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 RNC **ENC** INT **RNC ENC** INT **RNC ENC** INT Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % **VIETNAM** Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	Notices to mariners, Pilot directional notices, local maritime traffice regulation stations
Coastal warnings Avertissements côtiers Avisos costeros	YES	Local lighthoses
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	YES	Vishipel
Information on ports and harbours Information sur les ports et rades Información sobre puertos		Notices to mariners.

## Western Sahara (G)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey co	aphic surveying / Levés hydrographiques / Levantamientos loverage are hydrographique a hidrográfica	Pr	Depth < 200m ofondeur < 20 ofundidad < 20	0m	Pr	Depth > 200n ofondeur > 20 ofundidad > 2	00m
•	Adequately surveyed Correctement hydrographié	0	100	0	0	5	95
	Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente						
Notes Notes Notas	Data provided by Spain.						

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

## Western Sahara (G)

	harting / Cartographie marine / Cartographie / Car	Cartografia náu	ıtica									
	of charts published				shore pas			ll and Coasta		Approaches and Ports Approches et ports		
	re des cartes publiées				gation au	_		age et naviga lada y Pasaje				
Cobertura	de cartas publicadas			Pas	saje offsh 	lore		T		Apro	ches y pu	ertos
	Covered by INT or other paper			100	0	100	100	0	0	100	0	0
	Couvert par des cartes papier			100	"	100	100			100	U	
	Cubiertas por cartas de papel	INT o otras cum	ipliendo S-4				1	1				
	Covered by RNC meeting S-61											
	% Couvert par des RNC conformes S-61		61									
	_											
	Cubiertas por RNC cu	impiiendo 8-	01									
	Covered by ENC meet	ing S-57	•									
	<b>%</b> Couvert par des ENC	conformes S	-57									
	Cubiertas por ENC cu	mpliendo S-	57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC
Paper chart	ts showing depth in meters	Paper	charts referenced				11,1	Data sour			14.0	
		100 % Cartes	papier rapportée	s à un systèi	ne géodésiqu	ie Z	17 %	Source de				
	apel con profundidades en metros	Satcine	de papel referida	s a un datur	n satelital			Origen de				
Notes	Data provided by Spain											
Notes												
Notas												
110143												
Maritime :	Safety Information / Renseignen	nents sur la séc	urité maritin	ne / Info	mación s	sobre seg	uridad 1	narítima				
	nal information	Status		111101			No					
	ons nautiques	Status					No					
Informaci		Estado					No					
	Local warnings											

YES

YES

NO

YES

Avertissements locaux Avisos locales Coastal warnings Avertissements côtiers

Avertissements NAVAREA Avisos NAVAREA

Información sobre puertos

Information on ports and harbours Information sur les ports et rades

Avisos costeros NAVAREA warnings

# Yemen (J)

Hydrographic surveying / Leyés hydrographiques / Leyantamientos hidrográficos

	verage re hydrographique a hidrográfica	Pr	Depth < 200n ofondeur < 20 ofundidad < 2	Depth > 200m Profondeur > 200m Profundidad > 200m			
	Adequately surveyed Correctement hydrographié	1	6	93	5	2	93
Adecuadamente levantado  Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento  Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente							
Notes Notes Notas	Priorities are: a. Maritime Shipping Routes: modern surve 15nm N of Jebel At Tair. A TSS is proposed b. Ports and Approaches: the approaches to	west of J	ebel At Ta	air.	e Hanish	Islands an	d a poin

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan		
Plan cadre	NO	
Plan principal		
A1 area		
Zone A1	NO	
Zona A1		
A2 area		
Zone A2	NO	
Zona A2		
A3 area		
Zone A3	NO	
Zona A3		
NAVTEX		
NAVTEX	NO	
NAVTEX		
Safety NET		
Safety NET	NO	
Safety NET		

## Yemen (J)

Nautical charting / Cartographie marine / Cartografia náutica  Coverage of charts published  Couverture des cartes publiées  Cobertura de cartas publicadas	Navi	Offshore passage Navigation au large Pasaje offshore			l and Coasta ge et naviga da y Pasaje	tion côtière	Appı	Approaches and Port Approches et ports Aproches y puertos		
Covered by INT or other paper charts meeting S-4 Couvert par des cartes papier INT ou autres conformes S Cubiertas por cartas de papel INT o otras cumpliendo S	I	100	100	50	50	50	100	100	100	
Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57	INT	RNC	ENC	INT	RNC	ENC	INT	RNC	ENC	
Paper charts showing depth in meters Cartes papier avec les profondeurs en mètres Cartas de papel con profundidades en metros  Apper charts refere Cartes papier rappe satellitaire Cartas de papel ref	nced to a satellit ortées à un systè	e datum me géodésiqu		00 %	Data sour Source de		s	333,0		
Notes Notas  coverage is not complete along the Gulf of current charting provides the mariner with								eabed t	ne	

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	YES	
Coastal warnings Avertissements côtiers Avisos costeros	Partial	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	YES	

#### Yemen Socotra Island (J)

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos Survey coverage Depth < 200m **Depth > 200m** Profondeur > 200mCouverture hydrographique Profondeur < 200m Cobertura hidrográfica Profundidad < 200mProfundidad > 200m Adequately surveyed 0 2 0 100 0 98 Correctement hydrographié Adecuadamente levantado Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente Notes Numerous vigias exist in the waters around Socotra. Notes Notas

GMDSS implementation	Status	Notes
Mise en œuvre du SMDSM	Status	Notes
Implementación SMSSM	Estado	Notas
Master plan Plan cadre Plan principal	NO	
A1 area Zone A1 Zona A1	NO	
A2 area Zone A2 Zona A2	NO	
A3 area Zone A3 Zona A3	NO	
NAVTEX NAVTEX NAVTEX	NO	
Safety NET Safety NET Safety NET	NO	

#### Yemen Socotra Island (J)

Nautical charting / Cartographie marine / Cartografia náutica Coverage of charts published Offshore passage Approaches and Ports Landfall and Coastal passage Couverture des cartes publiées Navigation au large Atterrissage et navigation côtière Approches et ports Recalada y Pasaje costero Pasaje offshore Cobertura de cartas publicadas Aproches y puertos Covered by INT or other paper charts meeting S-4 100 100 100 100 100 100 0 0 Couvert par des cartes papier INT ou autres conformes S-4 Cubiertas por cartas de papel INT o otras cumpliendo S-4 Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61 Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57 INT **RNC ENC** INT **RNC ENC** INT **RNC ENC** Paper charts referenced to a satellite datum Paper charts showing depth in meters Data source Cartes papier rapportées à un système géodésique Cartes papier avec les profondeurs en mètres | 100 % 100 % Source des données satellitaire Cartas de papel con profundidades en metros Origen de los datos Cartas de papel referidas a un datum satelital Notes The chart coverage of Socotra is coastal and passage. There are currently no ports charted. Notes Notas

Navigational information	Status	Notes
Informations nautiques	Status	Notes
Información náutica	Estado	Notas
Local warnings Avertissements locaux Avisos locales	NO	
Coastal warnings Avertissements côtiers Avisos costeros	NO	
NAVAREA warnings Avertissements NAVAREA Avisos NAVAREA	NO	
Information on ports and harbours Information sur les ports et rades Información sobre puertos	NO	