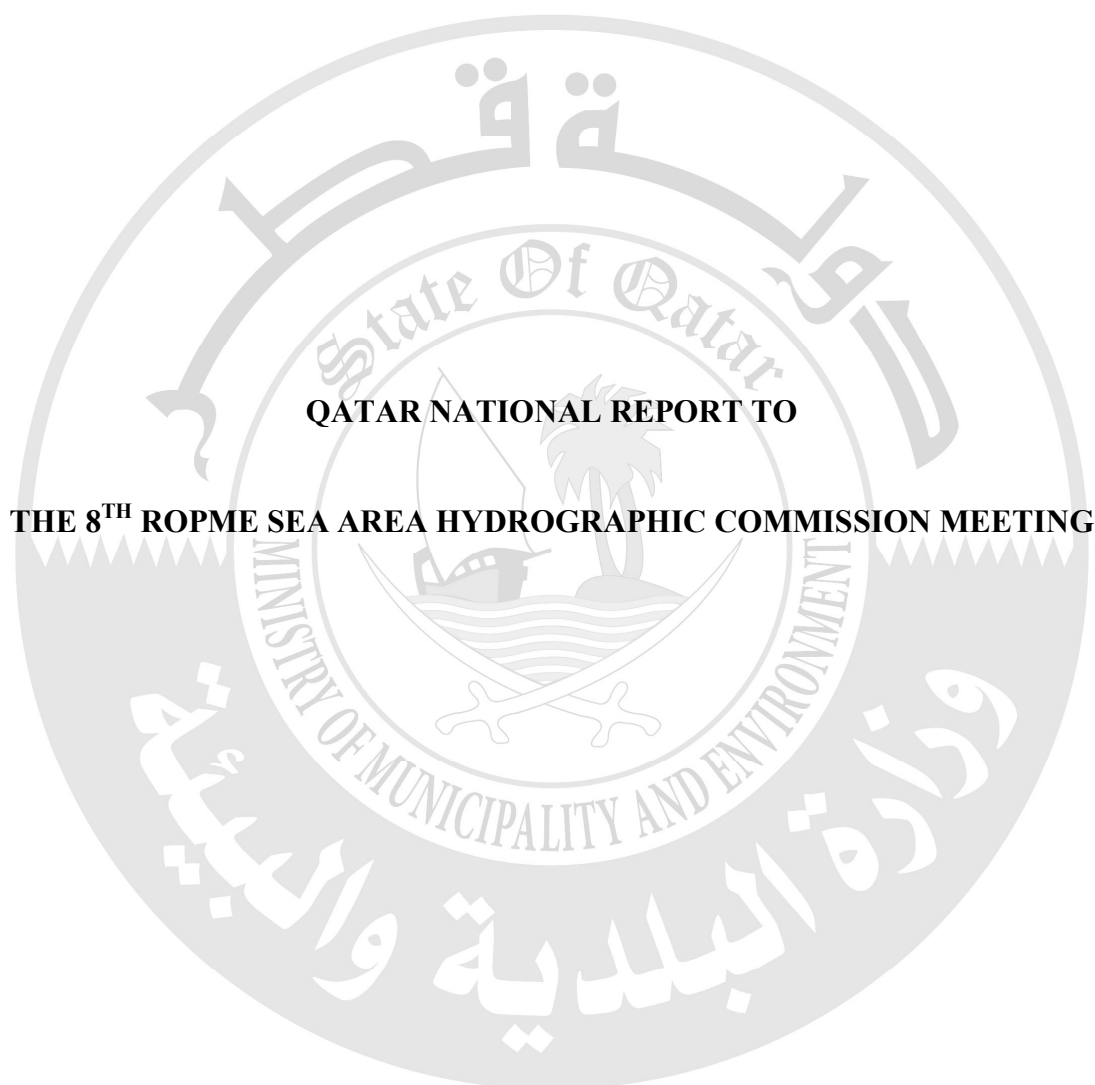




Hydrographic Unit



ISLAMABAD, PAKISTAN
18 – 20 FEBRUARY 2019

1. Hydrographic Unit

This report summarizes the activities of Hydrographic Unit of Qatar carried out since the 7th RSAHC meeting in February 2017.

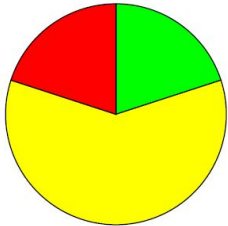
The latest update for the IHO Yearbook is the following:

MINISTRY OF MUNICIPALITY & ENVIRONMENT HYDROGRAPHIC UNIT P.O. BOX 23999 DOHA, QATAR			
Department of which the Hydrographic Office is part	Urban Planning Affairs Land & Survey Department		
Principal functions of the HO	Bathymetric Survey, Tide Tables, Bathymetric Mapping, Maritime Boundary Delimitation, Maritime Zones Definition		
National day	18 December		
Telephone:	+974 4426 2100		
E-mail:	vjankovic@mme.gov.qa		
Date of establishment	1975		
Name and rank of the Director or Head	Eng. Fahad Mohammed AL-QAHTANI Assistant Undersecretary for Planning Affairs Ministry of Municipality & Environment Mr. Mohammed Abdulrahman AL-ABDULLA Director of Land & Survey Department <u>Point of contact:</u> Mr. Vladan JANKOVIC Head of Hydrographic Unit +974 4426 2100 vjankovic@mme.gov.qa		
Tonnage	960,840		
Staff employed	Seven		
Type of publication produced	Tide tables		
Surveying vessel / Aircraft AL MASSAH	Displacement 36	Date Launched 2010	Crew 3
Other information of the interest	<u>MSI responsibility:</u> MWANI - Qatar Ports Management Company P.O. Box 313, Doha, QATAR Tel: +974 4499 3333		

2. Surveys

Continuous bathymetric surveys have been carried out by survey vessel “Al Massah”, fitted with hydrographic multi beam echo sounder.

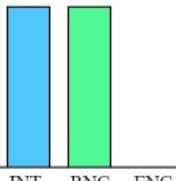
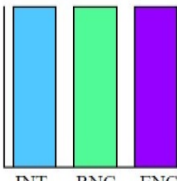
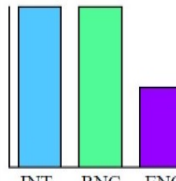
Hydrographic survey extract from the latest update of the C-55:

Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos						
Survey coverage Couverture hydrographique Cobertura hidrográfica		Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m	
<p>% Adequately surveyed Correctement hydrographié Adecuadamente levantado</p> <p>% Re-survey required Nécessitant de nouveaux levés Requiere nuevo levantamiento</p> <p>% Never systematically surveyed Jamais hydrographié systématiquement Nunca levantado sistemáticamente</p>	20	60	20			
						
Notes Notes Notas	Routine multibeam resurvey of Doha port channel started in 2012.					

3. New charts & updates

Hydrographic Unit does not produce any form of nautical charts. The United Kingdom Hydrographic Office (UKHO) is providing nautical charting for the waters of Qatar. Information is available through the UKHO and Regional ENC Coordination Centres (RENCs). There is high percentage covered by charts of major shipping routes, approaches and harbours in the waters of Qatar.

Extract from the latest IHO Summary Reports on charts coverage for Qatar:

Nautical charting / Cartographie marine / Cartografía 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	100	0	100	100	100	100	100	50		
% Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61				INT	RNC	ENC	INT	RNC	ENC		
% 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				Paper charts referenced to a satellite datum Cartes papier rapportées à un système géodésique satellitaire Cartas de papel referidas a un datum satelital			Data source Source des données Origen de los datos				
Notes Notes Notas	Charting provided by the UK. No significant gaps in coverage.										

4. New publications & updates

Apart from Tide Tables and tidal information for 6 tidal stations spread across the coast of Qatar, there are no other publications for mariners published by Hydrographic Unit.

The UKHO produces portfolio of nautical publications for Qatar sea area and all information is available at the UKHO website.

5. MSI

The Qatar Ports Management Company is responsible for the MSI in Qatar sea area and information is available in the latest MSI and GMDSS update of the IHO publication C-55 as following:

Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima		
Navigational information Informations nautiques Información náutica	Status Status Estado	Notes Notes 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 Qatar Ports Management Company, Doha, Qatar.

Maritime Safety Information / Renseignements sur la sécurité maritime / Información sobre seguridad marítima		
GMDSS implementation Mise en œuvre du SMDSM Implementación SMSSM	Status Status Estado	Notes Notes 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	

6. C-55

The IHO C-55 data base was updated in February 2019.

7. Capacity Building

The major activities in Capacity Building are the following:

- Bilateral cooperation in hydrography
- Definition of hydrographic responsibilities in legislation
- Attracting Qatari nationals to work in hydrography

8. Oceanographic activities

Hydrographic Unit is running a tide gauge network which consists of 3 tidal stations at the coast of Qatar. Tidal stations are operational from five years up to more than fifteen years.

9. Other activities

The Hydrographic Unit is actively involved in various national and regional projects in the waters of Qatar as the following:

- New Hamad Port
- Maritime boundary delimitation
- Qatar Maritime Zones determination
- Qatar Petroleum ports bathymetric survey

10. Conclusions

Nothing further to report.

Additional information on this report can be obtained from:

Mr. Vladan JANKOVIC

Head of Hydrographic Unit

Ministry of Municipality & Environment

P.O. Box 2399, Doha, QATAR

Tel: +974 4426 2100, email: vjankovic@mme.gov.qa