



Hydrographic Unit



MUSCAT, SULTANATE OF OMAN
20 – 22 FEBRUARY 2017

1. Hydrographic Unit

This report summarizes the activities of Hydrographic Unit of Qatar carried out since the 6th RSAHC meeting in February 2015.

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: E-mail:	+974 4426 2100 vjankovic@mme.gov.qa						
Date of establishment	1975						
Name and rank of the Director or Head	<p>Eng. Fahad Mohammed AL-QAHTANI Assistant Undersecretary for Planning Affairs Ministry of Municipality & Environment</p> <p>Mr. Ahmad Musaed AL-MOHANNADI Director of Land & Survey Department</p> <p><u>Point of contact:</u> Mr. Vladan JANKOVIC Head of Hydrographic Unit +974 4426 2100 vjankovic@mme.gov.qa</p>						
Tonnage	960,840						
Staff employed	Eight						
Type of publication produced	Tide tables						
Surveying vessel / Aircraft AL MASSAH	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Displacement</th> <th style="text-align: left;">Date Launched</th> <th style="text-align: left;">Crew</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">36</td> <td style="text-align: center;">2010</td> <td style="text-align: center;">3</td> </tr> </tbody> </table>	Displacement	Date Launched	Crew	36	2010	3
Displacement	Date Launched	Crew					
36	2010	3					
Other information of the interest	<p><u>MSI responsibility:</u> MWANI - Qatar Ports Management Company P.O. Box 313, Doha, QATAR Tel: +974 4499 3333</p>						

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:

Survey Information / Information sur les levés

[Home] [Nautical Charts] [Nautical Charts Notes] [Surveys] [Maritime Safety Information] [GMDSS]
 [Accueil] [Cartographie marine] [Notes sur la cartographie marine] [Levés hydrographiques] [Renseignements sur la sécurité maritime] [SMDSM]

Survey percentages (%) for the following depth ranges in metres (m):

- 0-200 Adequate = adequately surveyed between 0 to 200 m.
- 0-200 Re-survey = requires re-survey at larger scales or to modern standards in depths of 0 to 200 m.
- 0-200 No-survey and 200+ No-survey = never been systematically surveyed.
- 200+ Adequate = adequately surveyed in depths greater than 200 m.
- 200+ Re-survey = requires re-survey at larger scales or to modern standards in depths greater than 200 m.

Show 10 entries Search: Qatar

Country	INT Region	0-200 Adequate	0-200 Re-survey	0-200 No-survey	200+ Adequate	200+ Re-survey	200+ No-survey	Comments
Qatar	I	20	60	20				Routine multibeam resurvey of Doha port channel started in 2012.

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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 Charts / Cartographie marine

[Home] [Nautical Charts] [Nautical Charts Notes] [Surveys] [Maritime Safety Information] [GMDSS]
 [Accueil] [Cartographie marine] [Notes sur la cartographie marine] [Levés hydrographiques] [Renseignements sur la sécurité maritime] [SMDSM]

Show 10 entries Search: qatar

Country	INT Region	Passage INT	Passage RNC	Passage ENC	Coastal INT	Coastal RNC	Coastal ENC	Port INT	Port RNC	Port ENC	Paper Metric	Paper Satellite
Qatar	I	100	100	0	100	100	100	100	100	50		

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

Nautical Charts Notes / Notes sur la cartographie marine

[Home] [Nautical Charts] [Nautical Charts Notes] [Surveys] [Maritime Safety Information] [GMDSS]
 [Accueil] [Cartographie marine] [Notes sur la cartographie marine] [Levés hydrographiques] [Renseignements sur la sécurité maritime] [SMDSM]

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Country	INT_Reg	C_D	Last Update	Data Source	Comments
Qatar	I	C			Charting provided by the UK. No significant gaps in coverage.

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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:

Marine Safety Information / Renseignements sur la securite maritime

[Home] [Nautical Charts] [Nautical Charts Notes] [Surveys] [Maritime Safety Information] [GMDSS]
[Accueil] [Cartographie marine] [Notes sur la cartographie marine] [Levés hydrographiques] [Renseignements sur la sécurité maritime] [SMDSM]

Show entries Search:

Country	INT Region	Local Warning	Local Warning Note	Coastal Warning	Coastal Warning Note	Nav Warning	Nav Warning Note	Port Warning	Port Warning Note
Qatar	I	YES		YES		YES		YES	MSI data provided by the Qatar Ports Management Company, Doha, Qatar.

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GMDSS Information / Informations relatives au SMDSM

[Home] [Nautical Charts] [Nautical Charts Notes] [Surveys] [Maritime Safety Information] [GMDSS]
[Accueil] [Cartographie marine] [Notes sur la cartographie marine] [Levés hydrographiques] [Renseignements sur la sécurité maritime] [SMDSM]

Show entries Search:

Country	INT Region	Master Plan	Master Plan Note	Area A1	Area A1 Note	Area A2	Area A2 Note	Area A3	Area A3 Note	NAVTEX	NAVTEX Note	SafetyNet	SafetyNet Note
Qatar	I	NO		YES		NO		NO		NO		YES	

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6. C-55

The IHO C-55 data-base will be updated as soon as available for on-line update at the IHB website.

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 6 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 Doha Port
- Maritime boundary delimitation
- Qatar Maritime Zones determination

International Maritime Organization (IMO) mandatory audit for the State of Qatar have been completed in March 2016. In reference to the SOLAS Convention, Chapter V, Regulation 9, Hydrographic Services requirements, the IMO audit team was very satisfied with provision of adequate hydrographic surveying and charts coverage.

10. Conclusions

Nothing further to report.

Additional information on this report can be obtained from:

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Head of Hydrographic Unit

Ministry of Municipality & Environment

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