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National Report of IR Iran

RSAHC10

Jeddah, Saudi Arabia

26 – 28 November 2024



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Hydrography and Navigational Charts

- **National Hydrography Committee** is responsible to manage hydrographic activities and navigational ENC & INT Charts Production.
- National Hydrography Committee members are:
 - Ports and Maritime Organization (Chair)
 - National Cartographic Center
 - National Geographical Organization
 - Maritime Coordination Department
- ENCs are distributed under a bilateral agreement between PMO and PRIMAR, Norway.



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Charts Produced & Updated:

ENCs:

Until November 2024:

- Released 117 cells for the Persian Gulf, Gulf of Oman, and Caspian Sea

From Nov. 2022 to Nov. 2024:

- 12 new ENC cells were released.
- 246 cells were updated and edited

INT Charts:

Until November 2024:

- 48 sheets released.



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Maritime Safety Information

Ports and Maritime Organization (PMO) of IR Iran is the national authority for collecting and disseminating coastal and local warnings in the sub-region of NAVAREA IX.

- **VTS centers:** 3 stations are working on operational mode.
- **AIS network:** All main ports are equipped with AIS network.
- **Coastal warnings:** Coastal MSI is promulgated by national coordinator by means of WNWWS.
- **Local warnings:** cover inshore and inland waters, within the jurisdiction of harbor or port .



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Maritime Safety Information

NAVTEX

IR Iran operates three NAVTEX stations to broadcast MSI, in South and North area of country.

- **Type of messages transmitted by the NAVTEX stations:**
 - **Navigational Warnings**
 - **Meteorological Warnings**
 - **Meteorological Forecast**
 - **Search & Rescue Information and Pirate Attack Warnings**
 - **Shooting Warnings**



C – 55 IHO Publication



Hydrographic surveying / Levés hydrographiques / Levantamientos hidrográficos

Survey coverage Couverture hydrographique Cobertura hidrográfica	Depth < 200m Profondeur < 200m Profundidad < 200m			Depth > 200m Profondeur > 200m Profundidad > 200m		
	95	0	5	40	0	60
<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>						

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		
	50	0	50	100	0	100	90	0	90
<p> 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</p> <p> Covered by RNC meeting S-61 Couvert par des RNC conformes S-61 Cubiertas por RNC cumpliendo S-61</p> <p> Covered by ENC meeting S-57 Couvert par des ENC conformes S-57 Cubiertas por ENC cumpliendo S-57</p>									
<p>Paper charts showing depth in meters Cartes papier avec les profondeurs en mètres Cartas de papel con profundidades en metros</p> <p>100 %</p>	<p>Paper charts referenced to a satellite datum Cartes papier rapportées à un système géodésique satellitaire Cartas de papel referidas a un datum satelital</p>			0	<p>Data source Source des données Origen de los datos</p>		<p>http://chart.iho.int:8080/iho/mai</p>		

Not updated in the latest IHO C-55 Publication
Released on 15 November 2024



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Capacity Building

- **Demand for Capacity Building:**
 - In order to be in line with IRCC and HSSC requirements, (especially until 2026) we need to learn more about S-100 series and conversion of S-57 to S101.
 - Therefore, two courses of (P-26) Basic S100/S101 Production Course - 10 days (2025) and S-57 to S-100 Conversion (2026) have been planned.
- **Training received:**
 - Category "B" Hydrographic Survey Program, sponsored by Republic of Korea, 25 July 2022 to 09 December 2022, for which our candidate was accepted from RSAHC Region.
 - Maritime Safety Information (MSI), held from 23 to 25 October 2023, Oman
 - Maritime Safety Information (MSI), held from 28 to 30 October, Bahrain. Unfortunately, our candidate was not granted visa to Bahrain, and could not participate in the course due.



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Capacity Building

- Training needed:

IR Iran is requesting the following courses, under the Capacity-Building Program for 2024 -26:

- MSI Course (2024)
- Basic S100/S101 Production Course - 10 days (2025)
- ENC Quality and conversion course (S-57 to S-101 Conversion) (2025)
- MSDI and Database Management (2025)
- Marine Spatial Planning Workshop (2025)
- MSI Course (2025)
- S-57 to S-100 Conversion Course (2025)
- Basic ENC and ENC Production Course (2026)
- S57 to S-100 Conversion Training (2026)
- Port and Shallow Water Survey Course (5 days) (2026)
- Tide and Water Level Workshop (2026)
- MSI Course (2026)



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Participation in IHO Working Groups

- Participation in IHO Assembly, and other committees, sub-committees and working group meetings.
- Member of Marine Spatial Data Infrastructure (MSDI), S23WG, Data Quality (DQ), Crowd Source Bathymetry (CSB), Hydrography Surveying (HS), and Capacity Building Subcommittee (CBSC).



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Geospatial Studies

The IR Iran has been preparing and implementing an Integrated Coastal Zone Management **(ICZM)** plan for its coasts in the north and south of the country since 2002. The national phase of this plan, aimed at sustainable development of the coastal zone on a national scale (on a scale of 1:25000) was completed in 2011, and the phase of scrutinizing the results of the national plan on a provincial scale (on a scale of 1:5000) began in the same year. Currently, the Iranian ICZM Plan has been prepared and is being implemented for 7 coastal provinces of the country.



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MSDI Progress

According to the recommendations and guidelines released by the MSDI Working Group, including the C-17, the IR Iran considered the importance and benefits of **creating MSDI** in Iran and approved the provision of this infrastructure as part of the Iranian National SDI.

SDI has already been developed and established by NCC. Iranian National Hydrographic Committee (IRNHC) approved that NCC develop and establish MSDI, based on the existing SDI in 2023. Establishment of MSDI by NCC and cooperation of other marine organizations are under progress.



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Action Requested

A. Take note the report,

and

B. Take any appropriate actions.