

UAE, DUBAI DMSD Survey Department

بلدية دبي
Dubai Municipality

Introduction: Dubai Municipality Survey Department (DMSD)



Hydrographic Survey

Types of Data Collected:

- Multi-Beam
- Side Scan
- Single Beam
- Magnetometer

Oceanography Survey

Types of Data Collected:

- Tsunami Monitoring
- Seabed Type
- Tides Level
- Tidal Stream
- Sound Velocity Profiler
- Current
- Water Temperature

Nautical Charting & Publication

Types of Products Created:

- Paper Nautical Chart (PNC)
- Electronic Navigational Chart (ENC)
- Tide Table Prediction

IHO Recognition: DMSD as IHO Member



Eng. Saeed Ahmad Khalifa Al Falasi
Director of Survey Department
DUBAI MUNICIPALITY SURVEY DEPARTMENT
P.O. Box 67, DUBAI,
UNITED ARAB EMIRATES

IHO File No. S1/3062

28 September 2023

Dear Eng. Saeed Ahmad Khalifa Al Falasi,

Following the updates communicated to the IHO Secretariat by the Ministry of Energy & Infrastructure of the UAE's Letter prot. MOEI/OUT/2022/4032 dated 15/11/2022 and related to the operational functions in the field of hydrography in the Maritime Transport Affairs Department within the Ministry of Energy and Infrastructure, the IHO Secretariat is able to attest that the Dubai Municipality Survey Department (DMSD) is an official organisation in Dubai, UAE, which provides hydrographic and cartographic services recognised by the IHO.

Indeed, the DMSD operates under the authority of the Ministry of Energy and Infrastructure, Maritime Transport Affairs Department, the official representative of the UAE to the IHO.

The occasion is particularly welcome to thank the UAE and the DMSD for their continued support of the International Hydrographic Organisation.

Yours sincerely,
On behalf of the Secretary-General

IHO Director Luigi SINAPI

بلدية دبي
Dubai Municipality

بلدية دبي عضواً في المنظمة الدولية للهيدروغرافيا

تهنئة

لإدارة المساحة


لحصولها على شهادة اعتماد من المنظمة الدولية لهيدروغرافيا

لتقديم خدمات المسح
الهيدروغرافي ونتاج الخرائط
البحرية الملاحية
على مستوى إمارة دبي

تمنيتين لهم المزيد من الإنجازات

مؤسسة تنظيم وترخيص المباني

IHO Recognition: DMSD as Official ENC Producer for UAE



Eng. Maryam Obaid Almheiri
 CEO - Buildings Regulation Permits Agency
 DUBAI MUNICIPALITY
 P.O. Box 67, DUBAI
 UNITED ARAB EMIRATES

IHO File No. S1/3062 15 December 2023


Dear Eng. Maryam Obaid Almheiri,

Following the updates communicated to the IHO Secretariat by the Ministry of Energy & Infrastructure of the UAE's Letter prot. MOEI/OUT/2022/4032 dated 15/11/2022 and related to the operational functions in the field of hydrography in the Maritime Transport Affairs Department within the Ministry of Energy and Infrastructure, and the fact that the Dubai Municipality Survey Department (DMSD) is now officially recognized as the Official ENC Producer for Dubai, UAE able to provide protected ENC services, the IHO Secretariat is able to attest that the DMSD is an official organisation in Dubai, UAE, which provides hydrographic and cartographic services recognised by the IHO.

Indeed, the DMSD operates under the authority of the Ministry of Energy and Infrastructure, Maritime Transport Affairs Department, the official representative of the UAE to the IHO.

The occasion is particularly welcome to thank the UAE and the DMSD for their continued support of the International Hydrographic Organization.

Yours sincerely,
 On behalf of the Secretary-General



IHO Director Luigi SINAPI

Hydrography –
underpinning the digital
twin of the ocean

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S-62

List of Data Producer Codes

This document was generated on : 19 December 2023

Date of last change to S-62 : 13 December 2023

A cumulative list of all major changes to the list of Data Producer Codes (new or removed producers; changed numeric or alpha Agency Codes) is maintained [here](#)



International
Hydrographic
Organization

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Data Producer Codes

| Country Name | Country Code | Agency Name | Agency Codes | |
|----------------------|--------------|---|--------------|----|
| United Arab Emirates | AE | Ministry of Communications | 530 | AE |
| United Arab Emirates | AE | Dubai Municipality Survey Department (DMSD) | 1516 | A2 |
| Uruguay | UY | Oceanographic, Hydrographic and Meteorological Service of the Uruguayan Navy | 560 | UY |
| USA | US | Office of Coast Survey, National Ocean Service, National Oceanic and Atmospheric Administration (NOS) | 550 | US |
| USA | US | National Geospatial-Intelligence Agency Department of Defense (NGA) | 551 | U1 |
| USA | US | Commander, Naval Meteorology and Oceanography Command (CNMOC) | 552 | U2 |
| USA | US | U.S. Army Corps of Engineers (USACE) | 553 | U3 |
| USA | US | National Geospatial-Intelligence Agency Department of Defense (NGA) | 554 | U4 |

حكومة دبي
GOVERNMENT OF DUBAI



بلدية دبي
Dubai Municipality



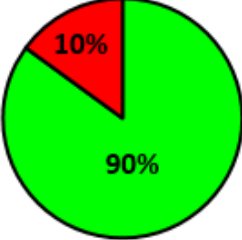



DUBAI, DMSD UNITED ARAB EMIRATES

Hydrographic Surveys: Status

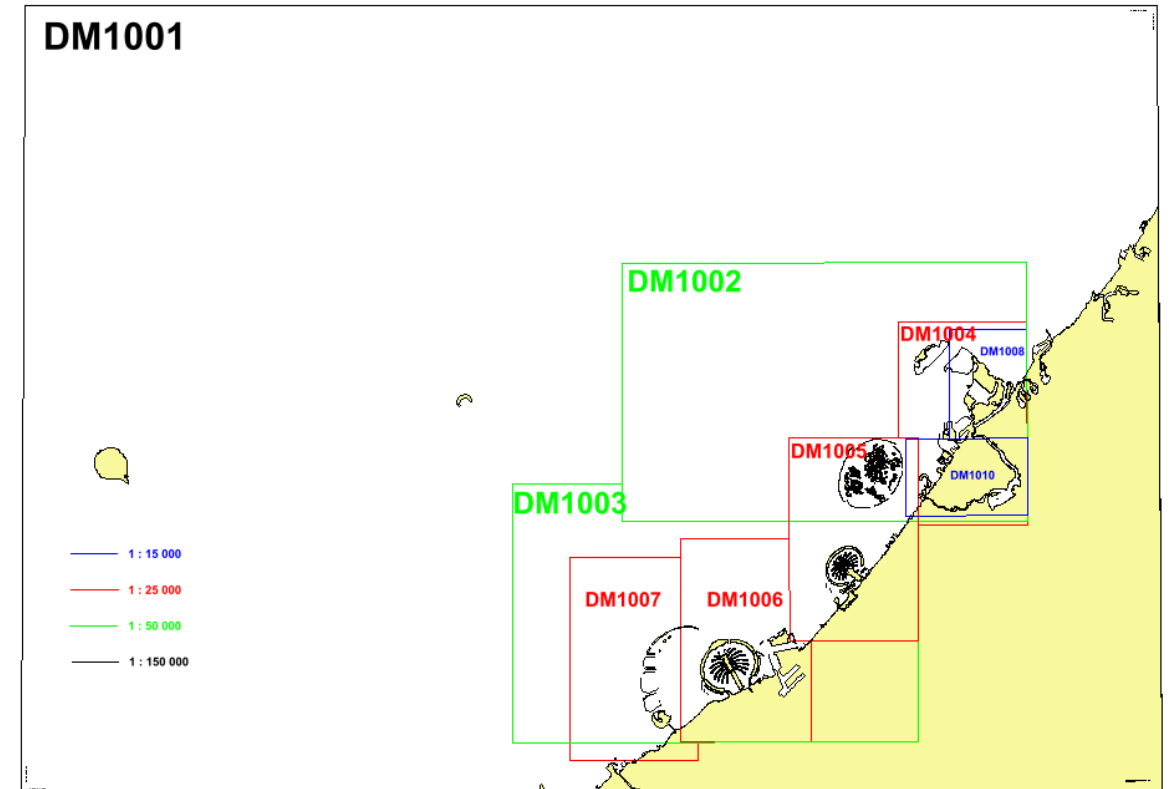
Dubai, United Arab Emirates (I)

Hydrographic surveying

| Survey coverage | | Depth < 200 | | | Depth > 200m | | |
|-----------------|--|---|---|----|---|----|----|
| |  Adequately surveyed | 90 | 0 | 10 | NA | NA | NA |
| |  Re-survey required |  | | | Dubai maritime water depth not more than 200m | | |
| |  Never systematically surveyed | | | | | | |
| Notes | 1. To accomplish the 10% remaining unsurvey area. 2. Priorities elsewhere for modern survey: <ol style="list-style-type: none"> Port and Harbour area. Marinas Area. Private Area. | | | | | | |

Nautical Charting & Updates

| DMSD PNC & ENC | | | | |
|----------------------|---------|-------------------|--------------|--------------|
| Navigational Purpose | Scale | Planned PNC & ENC | Produced PNC | Produced ENC |
| Coastal | 150,000 | 1 | 1 | 1 |
| Approach | 50,000 | 2 | 2 | 2 |
| Harbour | 25,000 | 4 | 4 | 4 |
| Berthing | 15,000 | 8 | 4 | 4 |
| Total | | 15 | 11 | 11 |



Nautical Charting & Updates

Dubai, United Arab Emirates (I)

Nautical charting

| Coverage of charts published | | Offshore passage | | | Landfall & Coastal passage | | | Approaches & Ports | | |
|---|---|--|-----|------|----------------------------|-------------|------|--------------------|-----|-----|
| | | 100 | 0 | 100 | 100 | 0 | 100 | 50 | 0 | 50 |
| <p> % Covered by INT or other paper chart meeting S-4 % Covered by RNC meeting S-61 % Covered by ENC meeting S-57 </p> | | | | | | | | | | |
| | | INT | RNC | ENC | INT | RNC | ENC | INT | RNC | ENC |
| Paper charts showing depth in meters | 100% | Paper charts referenced to a satellite datum | | 100% | | Data Source | 100% | | | |
| Notes | The status of Nautical Charting of Dubai, UAE is 11 PNC and 11 ENC being published. | | | | | | | | | |

Maritime Safety Information

| Navigational information | Status | Notes |
|-----------------------------------|--------|--|
| Local Warnings | Yes | Notice to Mariner refer to DM Nautical Chart |
| Coastal Warnings | Yes | Information provided by developer and DMA |
| NAVAREA Warnings | Yes | Published warning given by DMA |
| Information on ports and harbours | Yes | Information provided by DP World |

Become 51st Members of IC-ENC



IC-ENC Chair, Burak Iman, presented DMSD with a trophy to welcome Dubai UAE as a new IC-ENC Member



DMSD participated in IC-ENC Steering Committee 25 (SC25)

شكراً



مشارك - خاص / SHARED - CONFIDENTIAL

بيانات مفتوحة / OPEN DATA