

21th Meeting of the Mediterranean and Black Sea Hydrographic Commission

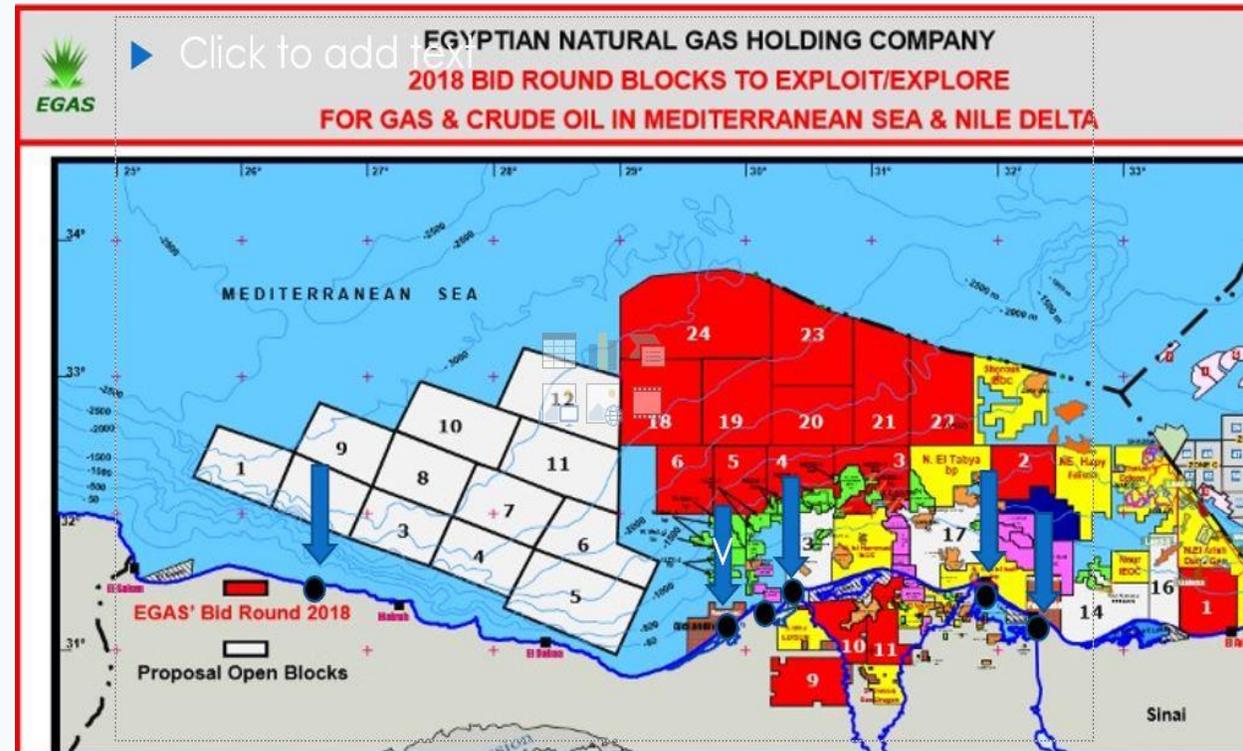
National Report by

EGYPT

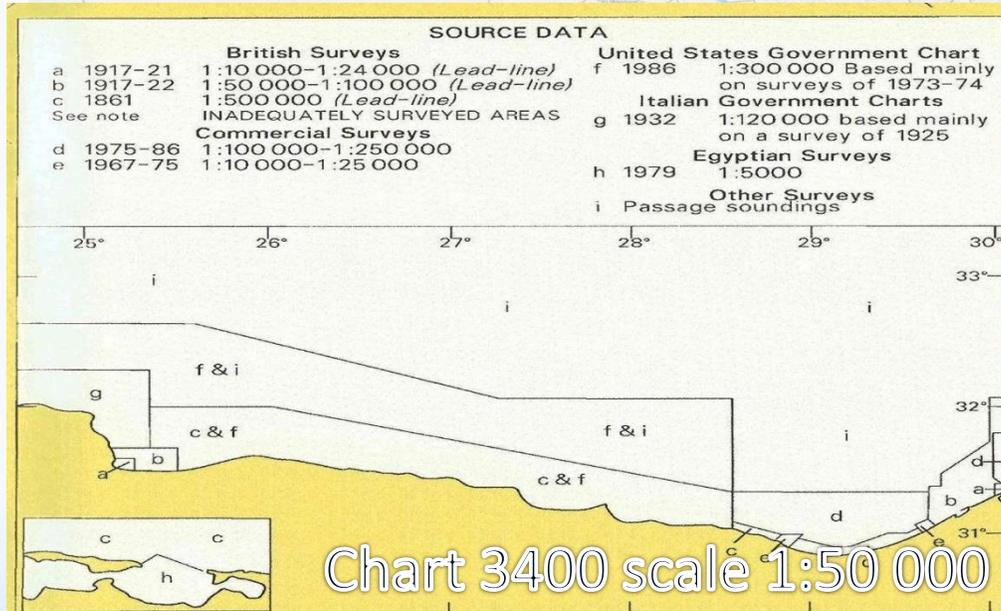
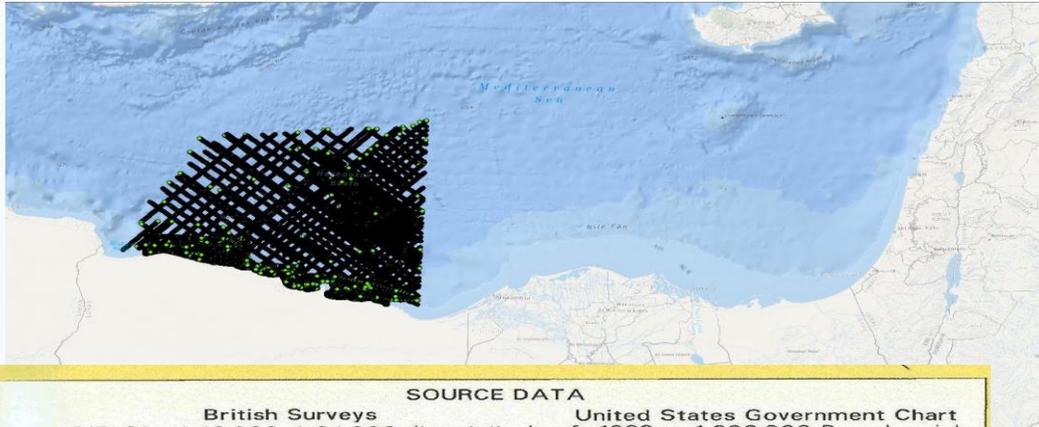


Main achievements during the year

- Early Efforts that have been made to plan, implement and prioritize the survey of the Egyptian waters led to a 100% coverage of Med sea
- As Egypt launches 2018 Bid Round for Oil & Gas Exploration, it was anticipated to have a fresh full coverage of the Egyptian water specially the west region.

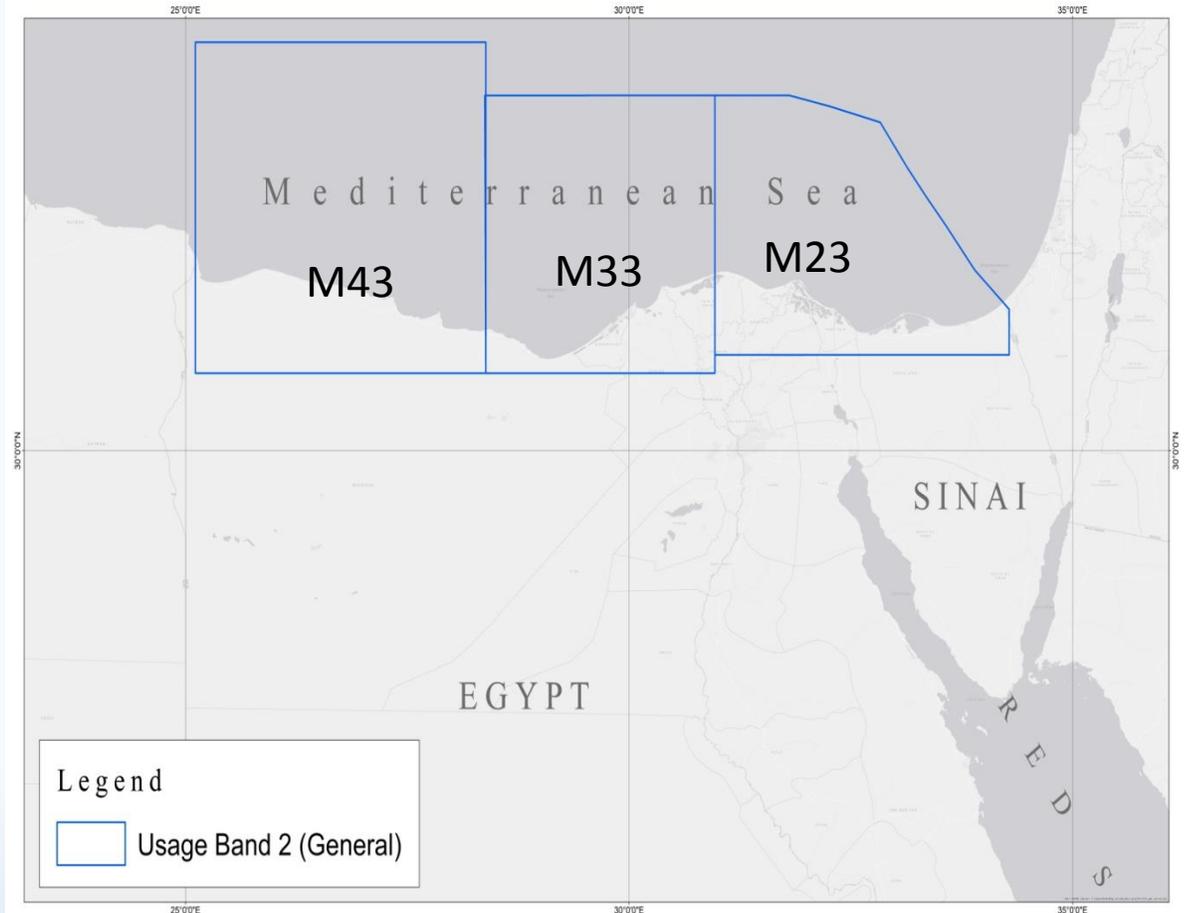


Main achievements during the year



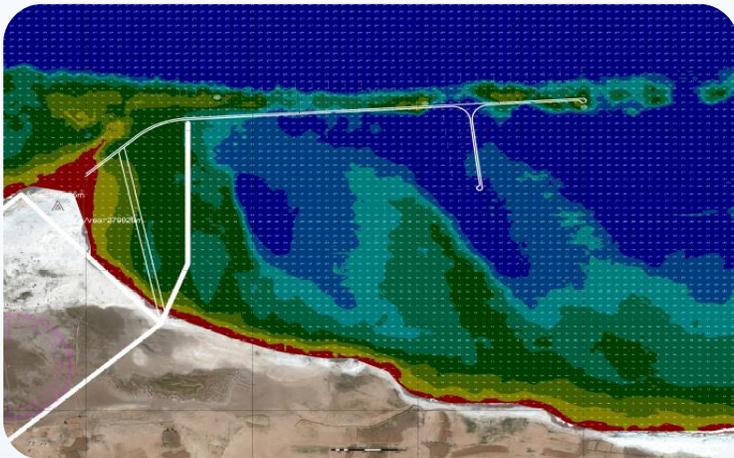
ENHD
EGYPTIAN NAVY HYDROGRAPHIC DEPARTMENT
شعبة المساحة البحرية

Usage Band 2 Coverage General Band

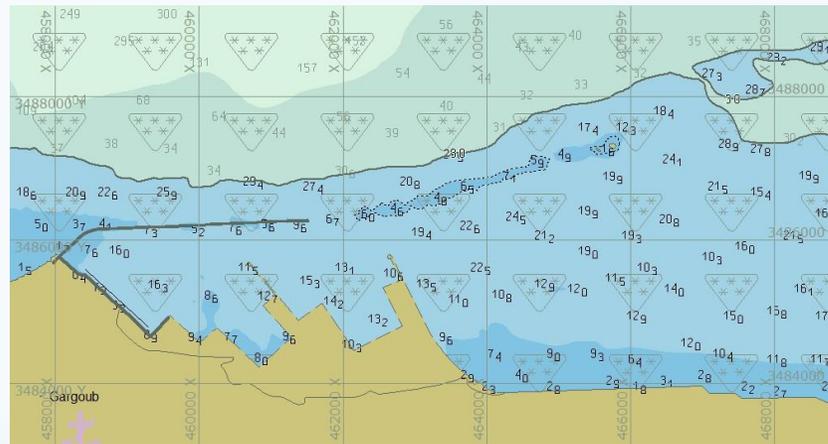


Main achievements during the year

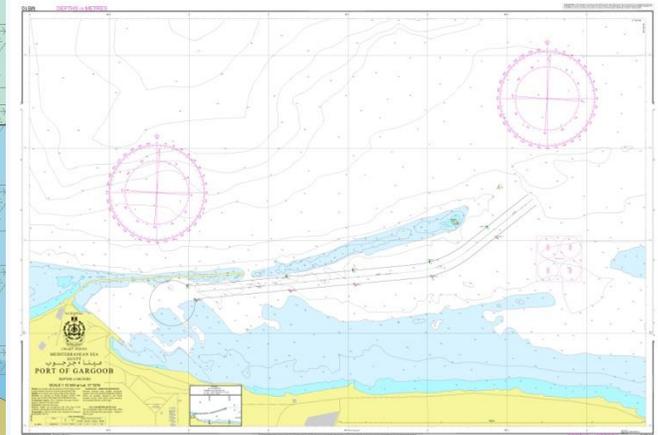
- The establishment of 2 new Naval Base and commercial port in Gargob and East Portsaid to serve as development and pivots in order to enhance Comprehensive Development integrated with the road network and different modes of transport in order to provide the new urban areas with their needs and enable them to export their products. Extensive surveys have been conducted for a production of ENC and a National Chart. ENHD was ready to contribute in all phases of these projects from design level , oceanographic studies, navigation aids and charting .



100% coverage of seabed



ENC EG4EGM 510

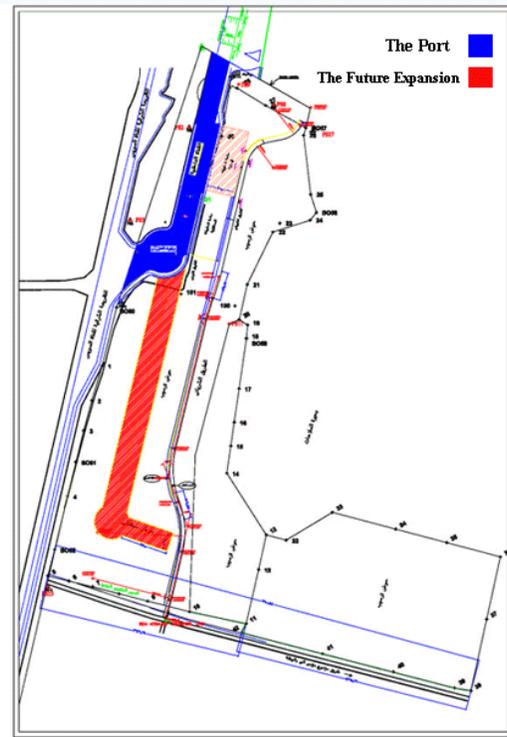


National chart M510



Main achievements during the year

- Participating in a Mega projects “East portsaid container terminal” the participation include Pre and post survey of the harbour area and the approaches, NAVAID recommendations .



Main achievements during the year

- Optimum Coordination with commercial sector, petroleum companies and Maritime Transport authorities to maximize high hydrographic data inputs and raising the hydrographic awareness of these sectors to improve safety of navigation through updated navigational products. Even to extend the beneficial use of these data and ensure that hydrographic data and information are available to support the sustainable use of marine resources and national future planning.



Main challenges and/or obstructions

- Providing the mariners with the most available updated nautical products is the main challenge we face. (source data of available charts in some areas extend to 1950 lead line)
- Manage The continuous flow of High Density of Hydrographic Data inputs is office (pipe lines/cables/surveys.....).
- Continuous flow of change in coastal areas .



Coastal areas management



Alexandria City 2017

International Hydrographic Organization
Organisation Hydrographique Internationale

MBSHC 21st Conference
11 - 13 June 2019, Cádiz, España (Spain)



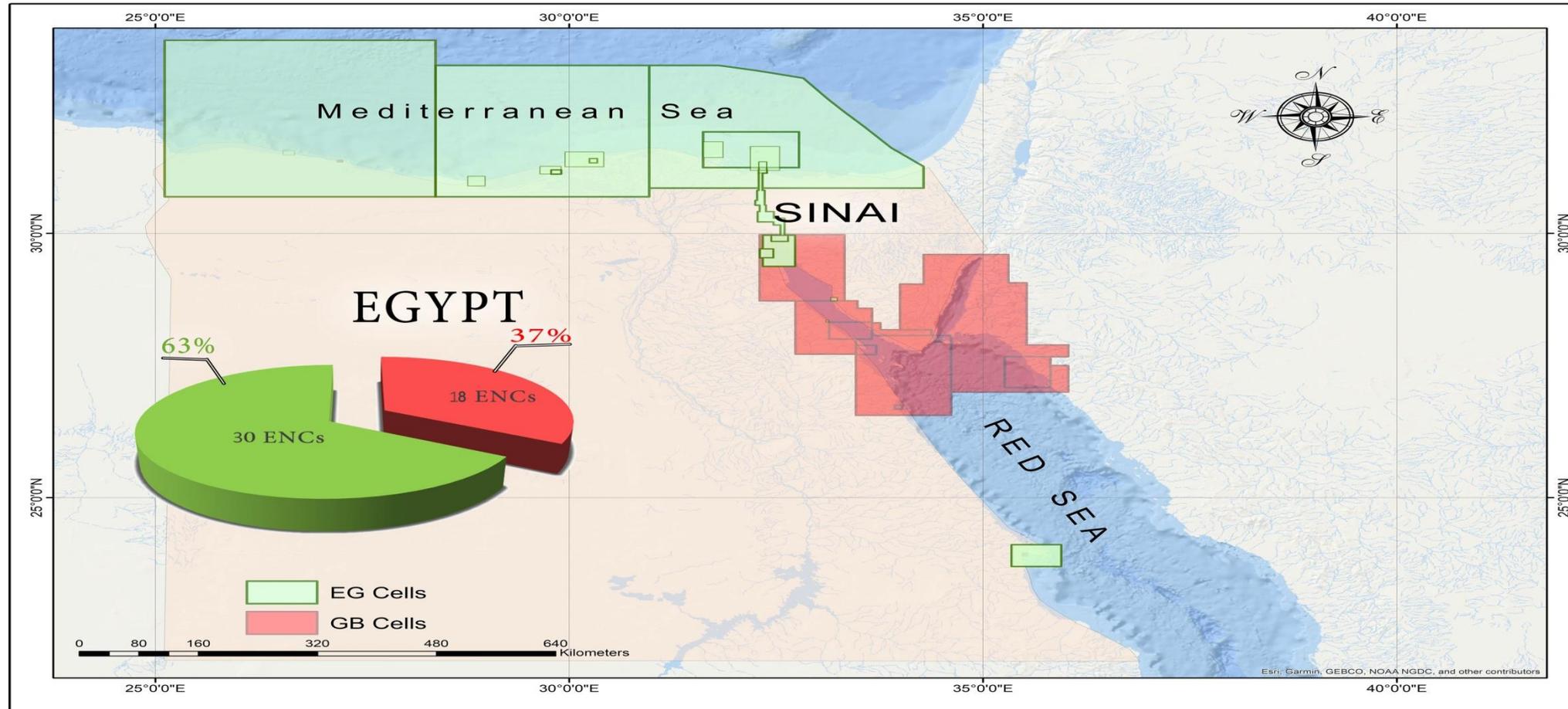
Progress on surveys, charting and MSI

- Surveys: west coast Al-Alamein to Salum
- Charting:
- MSI: Mainly using Navtex stations shared with Area (F) coordinator via EMAS.

No.	Local Number	Description	Scale 1:	Format (mm)
1	M23	<u>Rafah To El-Burullus</u>	300 000	A0
2	M33	<u>El-Burullus To El-Dabaa</u>	300 000	A0
3	M43	<u>El-Dabaa To El-Sallum</u>	300 000	A0
4	M24	Outer Approaches To Port Said	50 000	1000 X 670
6	M12	Approaches To Abu Qir Gulf	40 000	670 X 1000
5	M21	Damietta Port	35 000	670 X 970
7	M18	Port Of Alexandria And <u>Dekheila</u>	20 000	1180 X 770
8	M10	<u>Gargoob Port</u>	12 500	1000 X 670



Progress on surveys, charting and MSI



Capacity Building

- Request for Support:
 - MBES Processing
 - ENC Validation updates
 - Workshop on Law of the Sea
 - Regional MSDI Workshop



Contributions to the IHO DCDB and GEBCO

- Planned to share Bathymetric Contours with GEBCO/ DCDB (subject to approval from the competent authorities).



Progress on MSDI

- Governance: : Egyptian Authority for Maritime Safety (EAMS) manages safety of maritime navigation in accordance to the International Conventions and regulations. Updated publications can be reached on the website <http://www.eams.gov.eg> or the Egyptian Maritime Data Bank <http://www.emdb.gov.eg>
- Standards : ENHD in cooperation with National Institute For Oceanography & Fisheries , Coastal Research Institute and Survey Research Institute (SRI) are in full integration to provide the hydrographic and oceanographic data according to the international technical standards
- Technology : Not yet assigned.
- Data : ENHD will cooperate with relevant parties involved in marine geospatial data to ensure data availability and readiness.



Other Activities

- International Meetings for Cooperation: ENHD held 2 meetings in May 2019 with SHOM (France) and NOAA (USA) for future cooperation in data exchange and update of charts.
- New infrastructure: ENHD completed a new building to support the future plans. Moreover, ENHD started implementing civilian engineers with GIS background in the charting branch. This is done to ensure the continuity of expert teams in charts production and maintenance.

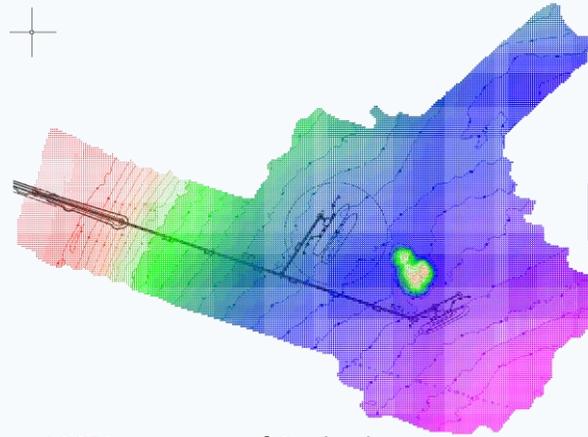


Plans that affect the region

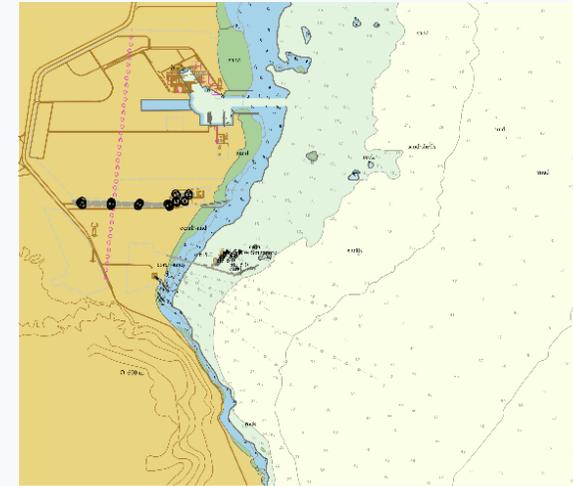
- Covering the area of responsibility in the Med sea with updated ENC/Paper charts.
- Focus on different bands to ensure the safety of navigation in the Egyptian waters.
- Ensure the readiness of ENHD teams to fulfil the needs of Egyptian government towards achieving the Sustainable Development Goals (SDGs). Egypt's Sustainable Development Strategy, Egypt Vision 2030.



Success stories to share



100% coverage of Seabed



ENC EG5EGR12

