



SUEZ CANAL MARINE SALVAGE

Underwater Maintenances

SUEZ CANAL MARINE
SALVAGE PROVIDES IN WATER
SERVICES SUCH AS:

- Underwater survey
- Underwater repairs
- Underwater cutting and welding
- Piers and Jeffies maintenance
- Thickness's gauge measurements
- Cable laying and Siphon maintenance
- In Water Survey in lieu of dry dock
- U/W closed circuit T.V (C.C.T.V)
- blank off sea inlets and overboard discharges
- Propeller & Rudder Clearance measurements
- Propeller, sea chest cleaning

Salvage works

- Wreck Removals and port clearance
- Refloating operation
- free stranding vessel
- Ship damage control

Contacts: -

PHONE:

- Ismailia Office : +20 106471 9321
- Port Said office : +20 100379 4477

EMAIL:

- Abdin_aly@yahoo.com
- Mohamed.gaber@suezcanal.gov.eg

Underwater Maintenance & Salvage works



Who We Are?

Management Structure

Suez Canal Salvage.
Has three branch distributed as follows:

- ❖ Port-said office.
- ❖ Ismailia office.
- ❖ Suez office.

Each of the three offices has its own technical staff, divers, diving gear, service boats and salvage equipment's.

- Suez Canal Authority, Marine Salvage section has early established after October war 1973 to assist the UN forces in clearance the Suez Canal Waterway for safe navigation, some of the persons were recruited from the Egyptian navy.
- Egyptian navy assist Suez Canal in built-up a salvage team, provided support essential training and instruction. After wreck removal operation and clearance Suez Canal water way, Suez Canal salvage team was developed and grown by own all necessary salvage gear such as salvage tugs, salvage floating cranes, salvage barges,



- **WE ARE** ensuring safe navigation throughout Suez Canal and continuous functioning as it is a strategic waterway for international economy.
- **WE ARE** responsible for the whole underwater activities related with development of the Suez Canal waterway, the jetties, siphon and marine cable laying , etc.;
- **WE ARE** also seeking to provide In-water services to other clients applying to the latest technology. Procedures and Job execution are consistent with the national Quality system and International standards to the best possible way.
- **WE ARE** certified from classification societies L.R, A.B.S DNV-GL, B.V and RINA, to provide in water services
- **WE ARE** certified from RINA FOR ISO 9001 and OSHA 18001

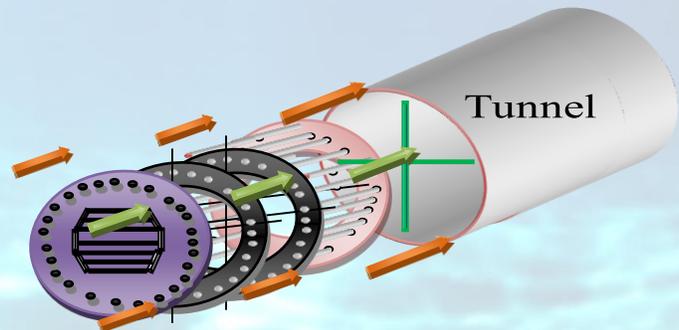
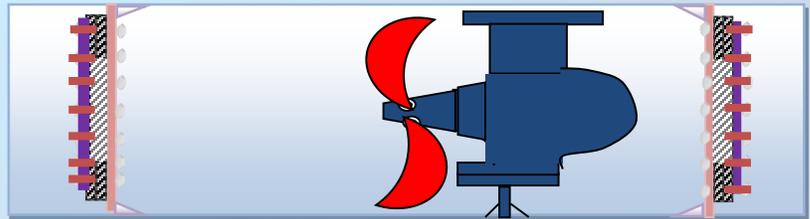


Installation and Diving Equipment

Salvage section is a section of port said shipyard, which is a well-equipped repair company therefore has access to various salvage boats, tug boats, diving boats, service boats, decompression chambers and floating cranes



Fabricate and Welding Large Blanks for M/V Emma Maersk (Bow Thruster) 2/7/2013, Diameter (2500 Mm) one of largest container vessel in the world



Bow thruster blanks from two sides

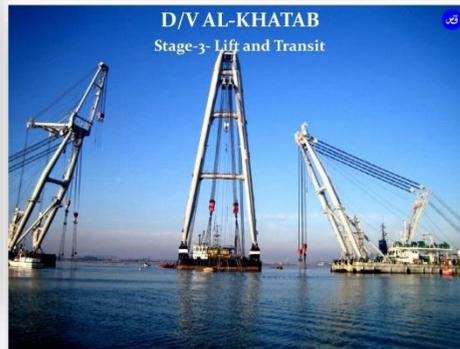
- Workshop facilities for maintenance and manufacture of equipment's in addition to the infrastructure of port said shipyard which have adequate team for shipbuilding, mechanical, electrical and electronic repair , Provides more support and add value to salvage section

Salvage Equipment

Salvage tugs: - Two salvage tug

BARAKA1 & EZAT ADEL

Bollard pull 160 tons for each one



Floating cranes

Two salvage floating crane (sheer leg)

ENKAZ I & ENKAZ II

Lifting capacity 500 ton on main hook

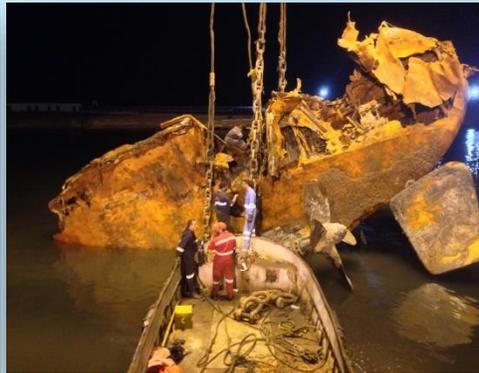
1400 ton on deck tackle

For each one



Salvage Works

- Many salvage cases were performed. The record of these cases would become too long if each and every case was mentioned and therefore only the more complicated and the latest operations are described.
- **Wreck removal and port Clearance**
- Clearance Alexandria port from 17 wrecks, Totally Weight about 14,0000 tons' wrecks were removal after good cooperation between Egyptian navy force and Alexandria port Authority (2015-2016)



– Refloating Operation

- Refloat (ATTAQA) floating dock capacity 17000 ton, after sunken in port said shipyard below sea level 18 m, salvage used the dewatering system procedure for refloating, 16 tanks compressed by air after blanked off all manhole and erect air system over tanks, Necessary calculations were done by salvage engineers, after 6-month salvage succeed to refloat the dock, weight. 7200 tons, period from (6/2018 till 11/2018)



Underwater Maintenances

Achievement Quality and Satisfaction client is our goal

Thickness measurements dive3

Closed circuit t.v seacam



- We use best and latest technologies equipment to Carry out service under water

Comenication dive system OTS

Hudrulic tools (saw- drill) stanlly



- Training and certified divers done by manufacturer

CANON G7X

ROV – Sea Otter2

CUTTING Arc-Aea & Broco

