

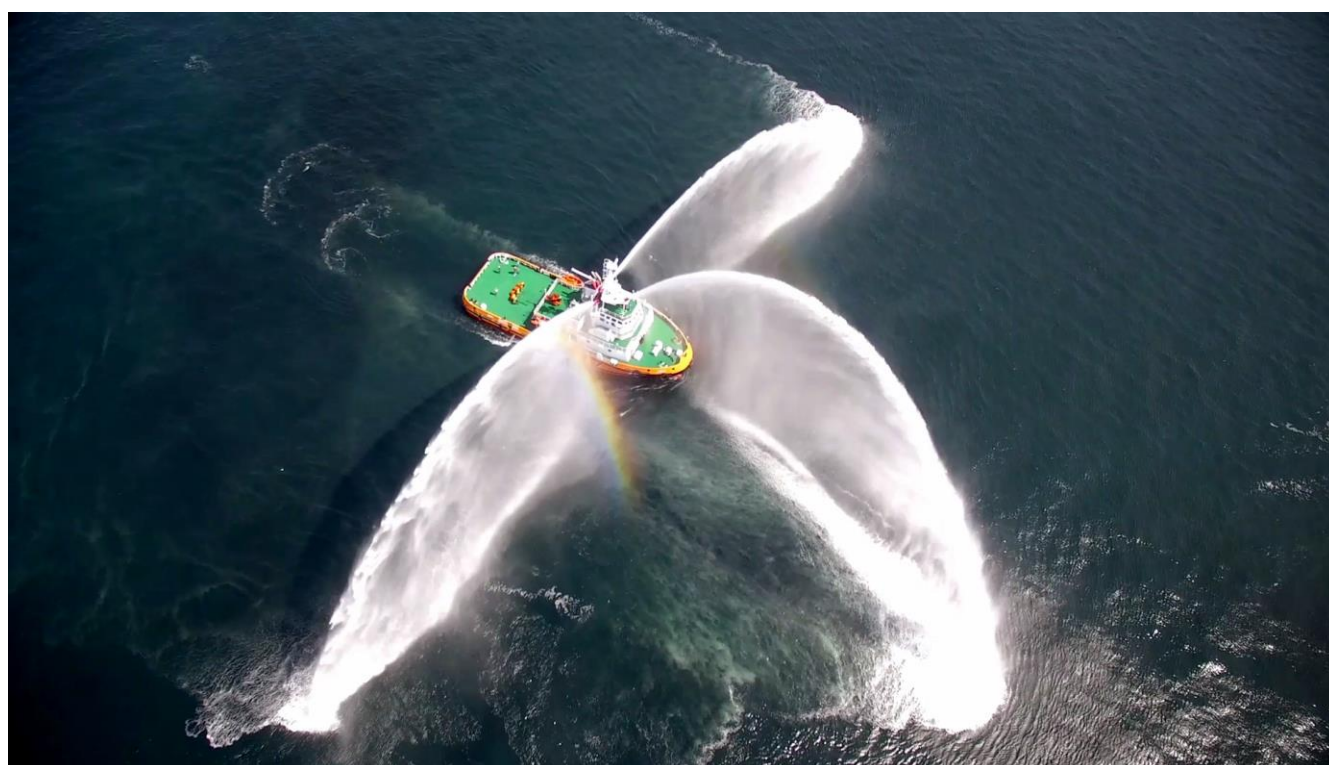


# Francisco Cardama, S.A.

SHIPYARD AND DRY DOCK

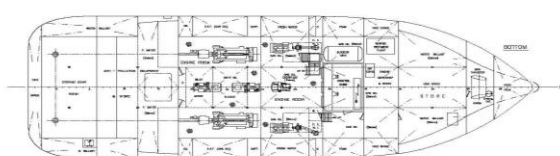
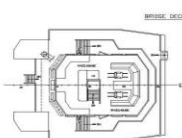
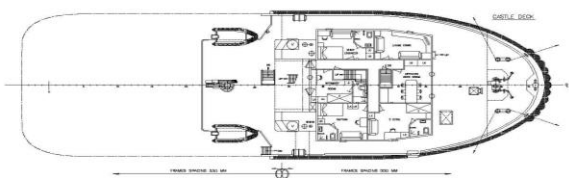
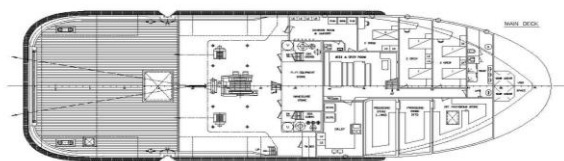
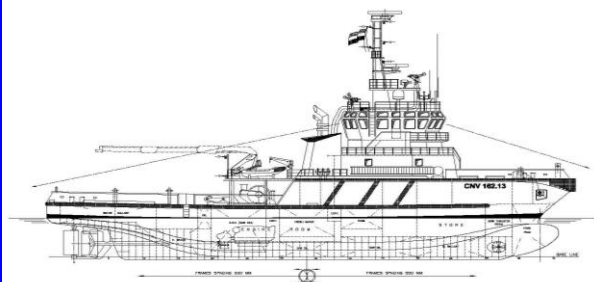
SHIPBUILDING  
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NAVAL CARPENTRY  
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# Francisco Cardama, S.A.

SHIPYARD & DRY DOCK



Name of the vessel:	<b>THULFIQAR</b>
Shipowner:	<b>South Oil Company (SOC) – Basra IRAQ</b>
Type of vessel:	<b>Multipurpose Tugboat</b>
Building:	<b>C – 241</b>
Delivery date:	<b>17/08/2017</b>

## MAIN PARTICULARS

Length overall:	42,00 m
Moulded Breadth:	14,00 m
Depth:	5,00 m
Draft:	3,80 m
Classification Society:	Lloyd's Register Certificate +100A1TUG +LMC, Fire Fighting Ship (FiFi 1) and Anti Pollution Water Born Support

## GROSS TONNAGE, POWER AND SPEED. ENDURANCE.

Gross Tonnage (GT):	822
Main Engines:	2 x Caterpillar Mod. 3516 C
Power Engines:	2 x 2100 HP at 1600 rpm
2 fixed pitch propellers:	2,20 m diameter
Bow Thruster:	300 CV
Trial speed:	13,5 knots
Crew:	10 people
Auxiliary Engines:	2 x Caterpillar C9, 250 kVA 1 x Caterpillar C4.4, 90 kVA

Navigation and communication equipments for Area A3

## CAPACITIES

Fuel tanks (approx.):	264 m <sup>3</sup>
Foam tanks (approx.):	32 m <sup>3</sup>
Ballast tanks:	108 m <sup>3</sup>
Fresh water tanks (approx.):	90 m <sup>3</sup>
Bollard pull:	55 ton

## OTHERS

This vessel has been designed for:

- ➔ Towing manoeuvring at open sea with winch and towing hook.
- ➔ External fire fighting equipment, according with class notation FiFi1.
- ➔ Fighting against hydrocarbon pollution with recovery and storage by means of 300 m. boom with reel, recovery pumps, etc.
- ➔ Buoy and beacon laying, with one deck crane with a capacity of 5,4 ton at 11,1m.
- ➔ Transport of fresh water and fuel to other vessels at open sea, including GAD of 30 Ton/day.
- ➔ Training of people related to sea, marine control and inspection activity in the country.