



AAM TUG BOAT 2100

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GENERAL

| | |
|------------------|--|
| YARD NUMBER | 2012-50 |
| OWNER | AAM |
| FLAG | Egypt |
| DATE OF DELIVERY | 1 year from contract date |
| HULL MATERIAL | Steel |
| SUPERSTRUCTURE | Steel |
| BASIC FUNCTIONS | Tug Boat |
| CLASSIFICATION | BV Bureau Veritas I*Hull . MACH Tug Un restricted Navigation |

DIMENSIONS

| | |
|----------------|--------|
| LENGTH O.A. | 21.0 m |
| BEAM O.A. | 7.00 m |
| DEPTH AT SIDES | 3.30 m |
| DRAUGHT AFT | 2.40 m |

TANK CAPACITIES

| | |
|-------------|----------------------|
| FUEL OIL | 56.67 m ³ |
| FRESH WATER | 18.01 m ³ |
| WASTE WATER | 02.3 m ³ |

PERFORMANCES (TRIALS)

| | |
|-------|------|
| SPEED | 9 Kn |
|-------|------|

PROPULSION SYSTEM

| | |
|--------------|-----------------------------|
| MAIN ENGINES | Cummins KTA19-M |
| TOTAL POWER | 600 BHP |
| GEARBOXES | Twin Disc MG516 |
| PROPELLERS | Kaplan type in fixed nozzle |

AUXILIARY EQUIPMENT

| | |
|---------------|---------------------------------------|
| GENERATOR SET | 2 x Cummins 6BT 30 kw @1500 rpm, 24 v |
|---------------|---------------------------------------|

ELECTRICAL EQUIPMENT

| | |
|------------------|---|
| BATTERY SETS | 2 x 12V d.c. / 200 Ah |
| SHORE CONNECTION | 415 volts 3-phase 4-wire 50 Hz 240 volts 1-phase 50 Hz |
| BATTERY CHARGER | float-charged by an automatic static battery charger, rated at approximately 60 amps |

DECK LAYOUT

| | |
|-----------------|--|
| Anchor | 2 x 360 kg stockless bower anchors |
| Anchor Wires | 2 x 137.5 m (2 x 5 shackles) 19 mm diameter |
| Mooring Ropes : | 3 x 110 m polypropylene rope, minimum breaking strength 5400 Kg. |
| Tow Line | 1 x 180 m, minimum breaking strength 10,000 Kg. |

LIFE SAVING EQUIPMENT

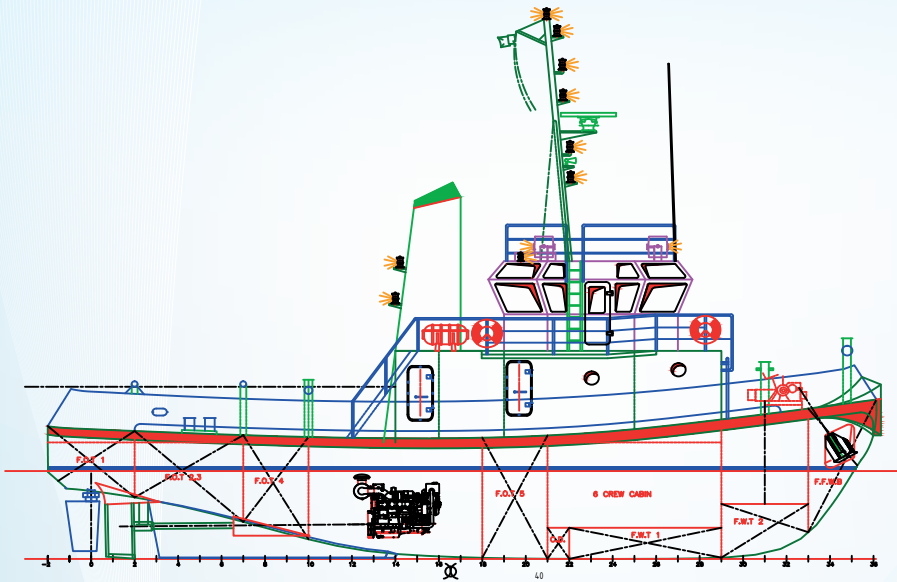
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|---|--|
| LIFE BUOYS | 8 |
| LIFE JACKETS | 12 |
| EMERGENCY ALARM SYSTEM | |
| FIRE EXTINGUISHERS | The vessel shall have a fire water ring main |
| Fire Hoses , Fire Hydrants and Pyrotechnics : | Emergency fire pump set of 12 parachute distress rocket signals |

ACCOMMODATION

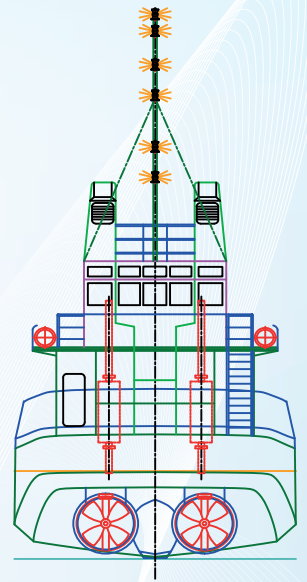
| | |
|-----------------|--|
| WHEELHOUSE | 1 |
| MAIN DECK | 2 officer rooms , 2 rooms x 6 crew and gally |
| Below MAIN DECK | 2 rooms x 6 crew |

NAUTICAL AND COMMUNICATION EQUIPMENT

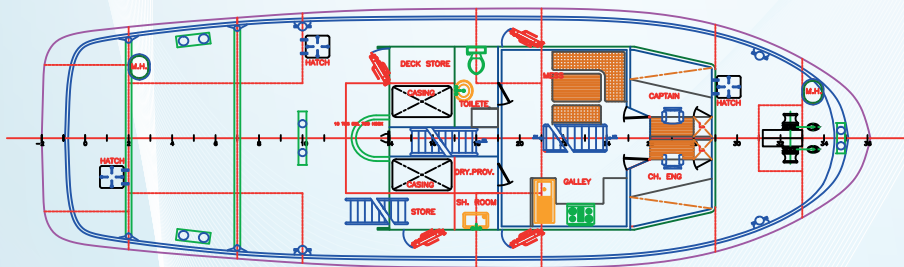
| | |
|--|---|
| RADAR | Twin balanced rudders |
| Search Lights | 2 units 1000W Searchlights. for 360 degree search |
| ECHO SOUNDER | Digital/recorder type q |
| One "low band" VHF multi-channel radio telephone | |
| Emergency watch receiver 2182 MHz | |



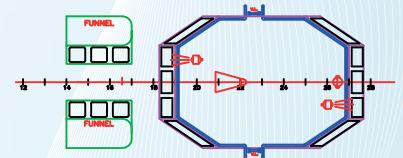
PROFILE



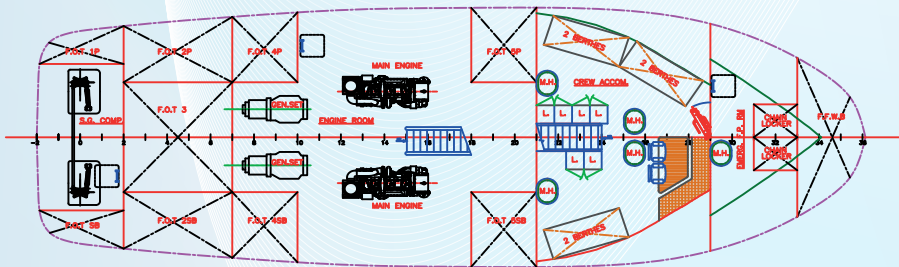
STERN VIEW



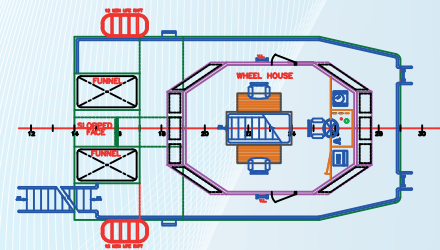
MAIN DECK PLAN



W.H. TOP



BELOW DECK PLAN



NAV. BRIDGE DECK

AAM TUG BOAT 2100



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