

# PHANTOS XX

TUG BOAT



## PRINCIPAL PARTICULARS

|                |          |
|----------------|----------|
| YEAR OF BUILT  | 2011     |
| PLACE OF BUILT | CHINA    |
| FLAG           | PANAMA   |
| CLASS          | RINA     |
| IMO NO         | 9573036  |
| CALL SIGN      | HO9292   |
| GRT            | 249 TONS |
| NRT            | 74 TONS  |
| ACCOMMODATION  | 14 MEN   |

## MACHINERY

|                      |                            |
|----------------------|----------------------------|
| MAIN ENGINES         | YANMAR                     |
| POWER GENERATORS     | 2 X 1600 BHP<br>VOLVO      |
|                      | PENTA AB<br>(2 X 187.7 HP) |
| PROPELLERS           | 2 X 4 BLADES               |
| GEAR BOX             | YANMAR<br>MARINE           |
| OILY WATER SEPARATOR | YES                        |
| SEWAGE PLANT         | YES                        |
| BOW THRUSTER         | YES                        |
| BOLLARD PULL         | 40 TONS                    |

## PRINCIPAL DIMENSIONS

|         |            |
|---------|------------|
| LOA     | 27.49 MTRS |
| BREADTH | 9.00 MTRS  |
| DEPTH   | 4.16 MTRS  |
| DRAFT   | 3.50 MTRS  |

## TANK CAPACITIES

|                 |           |
|-----------------|-----------|
| DIESEL FUEL OIL | 200 TONS  |
| POTABLE WATER   | 36 TONS   |
| BALLAST         | 12 TONS   |
| LUB OIL         | 2.24 TONS |

## CONSUMPTION

|                     |           |
|---------------------|-----------|
| FUEL TYPE           | MGO       |
| DAILY CONSUMPTION:  |           |
| FREE RUNNING        | 4800 LTRS |
| TOWING EMPTY BARGE  | 5000 LTRS |
| TOWING LOADED BARGE | 5300 LTRS |
| IDLE                | 500 LTRS  |

## SPEED

|               |           |
|---------------|-----------|
| MAX. SPEED    | 10 KNOTS  |
| TOWING SPEED: |           |
| ECO SPEED     | 4.5 KNOTS |
| FULL SPEED    | 4.0 KNOTS |

## DECK EQUIPMENT

|                 |        |
|-----------------|--------|
| ANCHOR WINDLASS | YES    |
| TOWING WINCH    | YES    |
| TOWING HOOK     | 50 TON |

## NAVIGATION EQUIPMENT

|                  |     |
|------------------|-----|
| AUTOPILOT        | YES |
| GPS              | YES |
| RADAR            | YES |
| ECHO SOUNDER     | YES |
| VHF RADIO        | YES |
| SSB RADIO        | YES |
| EPIRB            | YES |
| NAVTEX           | YES |
| INMARSAT-C       | YES |
| GMDSS            | YES |
| MAGNETIC COMPASS | YES |
| AIS              | YES |

