


**Characteristics**

|                 | Meter      | Feet     |
|-----------------|------------|----------|
| Length, Overall | 60.85      | 199.65   |
| Beam            | 13.00      | 42.65    |
| Depth           | 6.20       | 20.34    |
| Maximum draft   | 5.06       | 16.60    |
| Air Draft       | 23.80      | 78.08    |
| Deck-space      | 31 X 10    | 102 X 33 |
| Displacement    | 2,499.5 MT |          |
| Deadweight      | 1,184.5 MT |          |

**Machinery**

|                   |                                               |
|-------------------|-----------------------------------------------|
| Main Engines      | 4 MAN-B+W, 8L 20/27,<br>4 X 1,200 HP, 4,800HP |
| Gears             | 2 Lohman & Stolterfoth<br>GVA 1000BSO/1305    |
| Propellers        | 2 X 4 Bladed, Variable pitch<br>in nozzles    |
| Bow Thruster      | 1, Tunnel Thruster 600HP                      |
| Generators        | 2 X MAN-B+W<br>Type 5L20/27                   |
| Shaft Alternators | 2 X AVK                                       |
| Voltage           | 220/440V @ 60 Hz                              |
| Electric output   | 2 X 245 kW + 2 X 250 kW                       |

**Anchor Handling, Towing and Mooring Equipment**

|          |                                                                                                                        |
|----------|------------------------------------------------------------------------------------------------------------------------|
| Winch    | Double Drum, Waterfall,<br>Line pull 120 T,<br>Brake power 180T                                                        |
| Power    | Hydraulic, NORWINCH,<br>Low Pressure                                                                                   |
| Capacity | Main Towline, length 1100 M,<br>56 MM<br>Spare Towline, length 1100 M,<br>56 MM<br>Anchor Handling Wire 60 M,<br>52 MM |

|                      |                                                        |
|----------------------|--------------------------------------------------------|
| Windlass             | 1 Hydraulic NORWINCH AV<br>39/44-36U/2T,10T            |
| Anchors/Anchor Chain | 2 X Stockless "HOLLA"<br>1590 KGS. EACH,<br>36MM, 750M |
| Stern Roller         | 1.8 M Dia. X 4.8 M length,<br>Capacity ; 180 Tons      |
| Tugger Winch         | 2 X 10 Tons Hydraulic                                  |
| Capstan              | 2 X 10 Tons Hydraulic                                  |
| Towing Pins          | 2 X Hydraulic retractable type                         |

**Performance**

|                |                                                                                                                                                       |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bollard Pull   | 55 Tons                                                                                                                                               |
| Speed          | 10 K at 9.5 TPD (Economic)                                                                                                                            |
| Transfer Rates | Fuel Oil 100 M <sup>3</sup> @ 65 M<br>Fresh Water 100 M <sup>3</sup> @ 65 M<br>Drill Water 100 M <sup>3</sup> @ 65 M<br>Bulk 40 M <sup>3</sup> @ 65 M |

**Capacities**

|                 |                                   |
|-----------------|-----------------------------------|
| Deck cargo      | 500 MT @ 5 – 7 T/M <sup>2</sup>   |
| Fuel oil        | 779.05 M <sup>3</sup> 205,800 USG |
| Lube oil        | 15.34 M <sup>3</sup> 4,044 USG    |
| Potable water   | 400.56 MT 105,747 USG             |
| Drill water     | 98 MT 25872 USG                   |
| Walk-in Cooler  | 1 X 10 CBM                        |
| Walk-in Freezer | 1 X 10 CBM                        |

**Accommodation**

|                     |              |
|---------------------|--------------|
| Staterooms / Berths | 36           |
| Galley              | All electric |
| Certified to carry  | 36 persons   |
| Climate control     | Central      |
| Sewage Treatment    | 50 persons   |

**Bridge & Navigation Equipment**

|                |                                                                                                                                       |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Bridge         | Panoramic                                                                                                                             |
| Controls       | 2, Inside the Wheel house                                                                                                             |
| Autopilot      | 1, TOKYO KEIKI PR2000                                                                                                                 |
| Gyrocompass    | 1, GM21                                                                                                                               |
| Navigation aid | 1, SHIPMATE RS 5800                                                                                                                   |
| Fathometer     | 1 ED 202                                                                                                                              |
| Navtex         | 1, JRC                                                                                                                                |
| Radar(s)       | 2, FURUNO                                                                                                                             |
| Radios         | VHF 3, SAILOR,<br>JRC & SHIPMATE<br>SSB 2, SAILOR RE2100,<br>STR 2000<br>INMARSAT-C(Telex) &<br>MINI-M(Tel/Fax)<br>GMDSS –Sea Area A3 |
| SSAS           | Polestar UK DSAS-L                                                                                                                    |
| AIS            | Nautical X Pack                                                                                                                       |
| Telefax        | 1 x MINI-M                                                                                                                            |

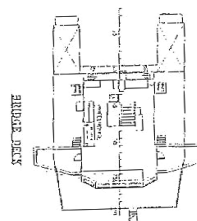
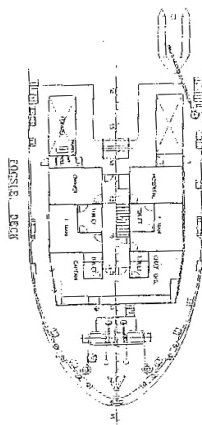
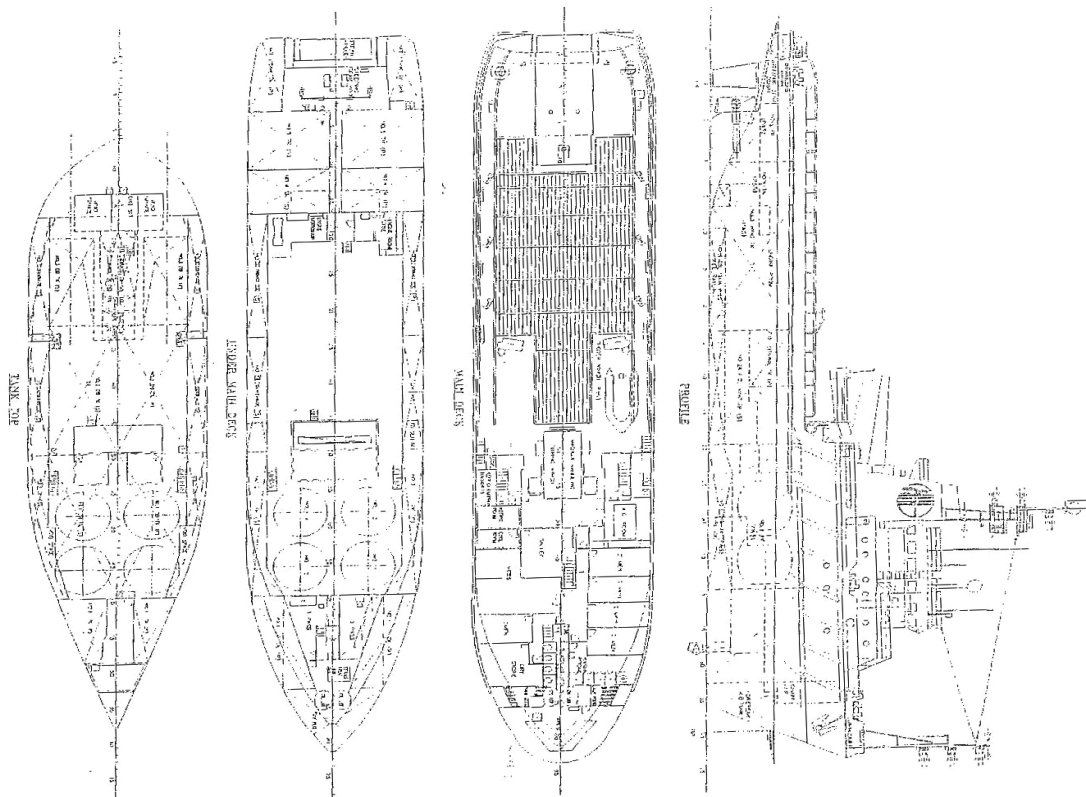
**Registration**

|                   |                     |
|-------------------|---------------------|
| Flag              | UKRAINE             |
| Port of Registry  | ODESSA, UKRAINE     |
| Official No       | 03213               |
| Call Sign         | ENMQ                |
| IMO No            | 8201430             |
| MMSI No           | 272173000           |
| Builder           | Hu Dong Yard, China |
| Year Built        | 1984                |
| Class             | B.V                 |
| Gross/Net Tonnage | 1252/375            |

**Special Equipment**

|             |                                                    |
|-------------|----------------------------------------------------|
| FIFI        | 2 Monitors,<br>Remotely Operated,<br>Total 1200 MT |
| RESCUE BOAT | 1, 7 Persons Capacity,<br>Inflatable               |
| CRANE       | 1 X 1.5 Tons, Hydraulic<br>1 X 5 Tons, Hydraulic   |

ᠪᠠᠭᠤᠨ ᠶᠢᠰᠦᠨ ᠵᠡᠳᠦ ᠲᠥᠮᠤ ᠬᠣᠷᠤᠯᠤᠰ ᠴᠢᠩᠭ᠋ᠣᠨ ᠶᠢᠰᠦᠨ ᠵᠡᠳᠦ ᠲᠥᠮᠤ ᠬᠣᠷᠤᠯᠤᠰ ᠴᠢᠩᠭ᠋ᠣᠨ



## PRINCIPAL DIMENSIONS

|                               |           |
|-------------------------------|-----------|
| LENGTH OVERALL                | : 60.35 M |
| LENGTH BETWEEN PERPENDICULARS | : 54.00 M |
| BROADEN MOULDED               | : 13.90 M |
| DEPTH MOULDED                 | : 8.20 M  |
| DRAUGHT (SUMMER)              | : 5.00 M  |

[illegible]