

# NANHAI 212

## GENERAL DATA

|                               |  |
|-------------------------------|--|
| Year Built                    | 1984                                     |
| Builder                       | Horten Verft ,A/S., Norway               |
| Design                        | AHTS                                     |
| Type                          | CHINA                                    |
| Flag                          | Zhanjiang                                |
| Registry Port                 | 84T2001                                  |
|                               | 8224468                                  |
| Class NO.                     | BXMP                                     |
| IMO NO.                       | CCS                                      |
| Call Sign                     | ★CSA                                     |
| Classification                | Offshore Tug/supply Ship; R1;Ice Class B |
| Class Character and Notations | ★CSM<br>CMS;BRC+MCC                      |

## MAIN DIMENSIONS

|               |         |
|---------------|---------|
| L.O.A.        | 66.50 m |
| B. Mid.       | 14.40 m |
| D. Mid.       | 7.20 m  |
| Draft Load    | 6.42 m  |
| Draft Light   | 4.60 m  |
| Gross Tonnage | 1541.79 |
| Deadweight    | 1775 t  |

## PERFORMANCE

|                |            |
|----------------|------------|
| Maximum Speed  | 15.0 Knots |
| Economic Speed | 11.0 Knots |
| Bollard Pull   | 132 t      |

## DECK CAPACITIES

|              |                         |
|--------------|-------------------------|
| Deck Area    | 33.5 m*11 m, 368.5 sq.m |
| Deck Cargo   | 575 t                   |
| Deck Loading | 5.0 t/sq.m              |

## CARGO CAPACITIES

|             |                       |
|-------------|-----------------------|
| P. Water    | 277 cu.m              |
| D./B. Water | 1138 cu.m             |
| Diesel Oil  | 578 cu.m              |
| Bulk        | 332.78 cu.m (4 tanks) |
| Liquid Mud  | 294 cu.m              |

## DISCHARGING RATES

|             |                             |
|-------------|-----------------------------|
| P. Water    | 1 x 200 cu.m/hr at 0.90 MPa |
| D./B. Water | 2 x 200 cu.m/hr at 0.90 MPa |
| Diesel Oil  | 1 x 200 cu.m/hr at 0.90 MPa |
| Bulk        | 1 x 100 t/hr                |
| Liquid Mud  | 2 x 50 cu.m/hr at 1.80 MPa  |

## ACCOMMODATION

|                 |          |
|-----------------|----------|
| Crew            | 20 Bunks |
| Rescue Capacity | 12 Bunks |



## MACHINERY & PROPULSION

|                |   |
|----------------|---|
| Main Engine    | 4 x Wichmann 6AXAG 475rpm   |
| Horsepower     | 4 x 2640 HP*Total 10560 HP  |
| Propeller      | 2 x Wichmann PR12.9RG C.P.P.<br>D3600mm/170rpm  |
| Generator Sets | Auxiliary Generator :<br>2 x MTU/12V183TE52/550KW/450V/60HZ<br>Shaft Generator:<br>2 x AVK/DSG86M1-4/1800KW/450V/60HZ<br>Emergency Generator:<br>1 x VOLVO/TD70CRC/112KW/450V/ 60HZ |
| Bow Thruster   | 2 x BRUNVOLL/SPX-VP-800<br>Motor: 2 x INSA 400 LR-06/LOHER GMBH 590KW   |
| Stern Thruster | 1 x BRUNVOLL/SPX-VP-800<br>Motor: 1 x INSA 400 LR-06/LOHER GMBH 590KW   |

## TOWING & AH EQUIPMENT

|              |   |
|--------------|---|
| Winch        | 1 x DRATTVAAG/ SL250WX/ 2BSL250WX<br>Hydraulic Driven ,Triple drums |
| Towline      | 1 x L1250 m x D72 mm;<br>1 x L1000 m x D72 mm                       |
| AH Wire      | 1 x L450 m x D65 mm;<br>1 x L90 m x D65 mm                          |
| Stern Roller | L3800 mm x D2500 mm   |

## SAFETY & ANTIPOLLUTION EQUIPMENT

|               |  |
|---------------|--|
| Life Raft     | 1 x 15 Persons,2 x 20 Persons          |
| Antipollution | Horten Verft Oil Recovery System 264m3 |

## NAVIGATION & COMMUNICATION

|                  |  |
|------------------|--|
| Gyro-Compass     | 1 x ANSCHUTZ STANDARD-6                      |
| Magnetic Compass | 1 x NEPTUN 10                                |
| Radar            | 1 x ANRITSU RA714CA,1 x FURUNO FR-7112       |
| INMARSAT-C       | 1 x SAILOR H2095C                            |
| SSB              | 1 x Skanti TRP-8750D,1 x SAILOR RE2100/T2130 |
| VHF              | 2 x SAILOR RT-2047                           |
| GPS              | 1 x KODEN KGP-912                            |
| Facsimile        | 1 x FURUNO FAX-208A                          |
| Wind Indicator   | 1 x FV-301                                   |
| Echo Sounder     | 1 x FURUNO FE-700                            |
| Autopilot        | 1 x TENFJORD                                 |
| EPIRB            | 1 x SEP-406                                  |
| NAVTEX           | 1 x JRC NCR-330                              |
| Radio            | SAILOR SP3110                                |