

**GVA 100 DS**  
Drilling Ship



## GVA 100 DS

|                              |                                    |
|------------------------------|------------------------------------|
| <b>Operation area</b>        | Moderate Environmental Conditions. |
| <b>Operation water depth</b> | 100 – 3600 meter in DP mode.       |
| <b>Drilling depth</b>        | Up to 12,000 meter ( 40,000 ft ).  |
| <b>Classification</b>        | DNV plus Norwegian Authorities.    |
| <b>Accommodation</b>         | 200 persons.                       |



| MAIN PARTICULARS       |           |             |
|------------------------|-----------|-------------|
| Length over all        | 199.5 m   | (654.5 ft)  |
| Length                 | 171.0 m   | (561.0 ft)  |
| Beam over all          | 60.0 m    | (196.9 ft)  |
| Depth moulded          | 20.0 m    | (65.6 ft)   |
| Operation draught      | 10.0 m    | (32.8 ft)   |
| Operation displacement | 75,000 mt | (82,670 st) |
| Operation payload      | 25,000 mt | (27,560 st) |

| MAIN MARINE SYSTEMS/EQUIPMENT |              |             |
|-------------------------------|--------------|-------------|
| Power generation              | 6 x 7,000 kW |             |
| Thrusters                     | 6 x 5,500 kW |             |
| Thruster control              | DP 3         |             |
| Main deck cranes              | 4 x 85 mt    | (4 x 93 st) |

| MAIN DRILLING SYSTEMS/EQUIPMENT |                        |            |
|---------------------------------|------------------------|------------|
| Derrick, Main Well              | 1,135 mt               | (1,250 st) |
| Derrick, Aux Well               | 454 mt                 | (500 st)   |
| Main Top drive                  | 1,135 mt               | (1,250 st) |
| Aux Top drive                   | 454 mt                 | (500 st)   |
| Main Drawworks, active heave    | 1,135 mt               | (1,250 st) |
| Aux Drawworks, active heave     | 454 mt                 | (500 st)   |
| Main Riser Tensioners           | 1,450 mt               | (3,200 st) |
| Aux Riser Tensioners            | Optional               |            |
| Drilling riser, 75 ft joints    | 3.5 million lbs rating |            |
| Mud pumps                       | 4 x 1,700 kW           |            |
| BOP Stack                       | 15,000 psi, 6 rams     |            |

| TANK/STORAGE CAPACITIES |                       |                           |
|-------------------------|-----------------------|---------------------------|
| Early production oil    | 20,000 m <sup>3</sup> | (125,800 bbls)            |
| Fuel oil                | 5,000 m <sup>3</sup>  | (31,440 bbls)             |
| Drill water             | 2,500 m <sup>3</sup>  | (15,720 bbls)             |
| Potable water           | 750 m <sup>3</sup>    | (4,720 bbls)              |
| Mud storage             | 1,500 m <sup>3</sup>  | (9,430 bbls)              |
| Mud pits                | 900 m <sup>3</sup>    | (5,660 bbls)              |
| Brine                   | 1,200 m <sup>3</sup>  | (7,550 bbls)              |
| Base oil                | 600 m <sup>3</sup>    | (3,770 bbls)              |
| Bulk mud                | 620 m <sup>3</sup>    | (22,000 ft <sup>3</sup> ) |
| Bulk cement             | 400 m <sup>3</sup>    | (14,120 ft <sup>3</sup> ) |
| Sack storage            | 7,500 sx              |                           |

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