Kreuz Glorious
Diving support & construction work barge

Versatile construction work barge for shallow water construction works

- 8-point mooring
- 304 accommodation
- Class approved SAT dive facilities
- Air dive facilities
- 1200 m² deck
- 250/60 t crawler crane
- Pipeline davits

Primary activities

- Subsea construction and installation work
- Diving support operations, saturation and air diving
- Offshore accommodation
**GENERAL INFORMATION**

**Classification**  
IRS

**Build**  
2006

**Flag state**  
Panama

**Notation**  
A1 accommodation, work barge + MOU

**DIMENSIONS AND CAPACITIES**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length overall</td>
<td>113.08 m</td>
</tr>
<tr>
<td>Breadth</td>
<td>28.04 m</td>
</tr>
<tr>
<td>Draught (min/max)</td>
<td>4.80 m</td>
</tr>
<tr>
<td>Deadweight</td>
<td>12872.00 t</td>
</tr>
<tr>
<td>Gross tonnage</td>
<td>8950.00 t</td>
</tr>
<tr>
<td>Net tonnage</td>
<td>2685.00 t</td>
</tr>
</tbody>
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**MOORING EQUIPMENT**

- **Mooring winch**: 8-point mooring winch 4 x AMHOIST AM 77 EF waterfall type, double drum
- **Anchors**: 8 x 10 t delta flipper + 1 x 7 t
- **Mooring wire**: 1000 m x 42 mm wire
- **Anchor buoys**: 9 units
- **Damage prevention buoys**: 5 units

**POWER SUPPLY**

- **Main generators**: 3 x 1000 kVA (Cat 3508)
- **Emergency generator**: 1 x 250 kW (Cummins NTA 855-G1)
- **Distribution**: 440 V x 60 Hz & 230 V x 60 Hz

**DECK CRANES**

- **Crawler crane**: Revolving KOBELECO model CKE 2500, 250 t. max boom lifting capacity 60 t. max SWL main block 8 part (recent load test) 45.7 m. maximum boom length, whip lines SWL 14 t
- **Pedestal crane**: Revolving Seatrax model S7220, 60 t. main hoist lifting capacity 4-part block (recent load test) 14 t aux hoist lifting capacity (recent load test); 13970 kg whip line lifting capacity, 30 m maximum boom length

**COMMUNICATION AND NAVIGATION EQUIPMENT**

- **Navtex receiver**: 1 unit Furuno NX7008
- **GPS navigators**: 2 units Furuno GP-150
- **SSB transceiver**: 1 x Furuno FS1570
- **VHF transceivers**: 2 x FM8800 + 2 x Motorola GCN114B
- **Immarsat C-SAT**: 1 unit for GMDSS A1, 2 & 3 areas and SSAS system
- **PA system**: 1 unit covering entire barge
- **Barometer**: 1 unit
- **Handheld emergency**: GMDSS with spare battery 3 units
- **EPIRB**: 2 units
- **SART**: 2 units
- **Anemometers**: 2 units
- **V-SAT for data/phone/email**: 1 unit (can be provided)
- **UHF or VHF portable radios**: 12 units
- **Echo sounder**: 1 unit

**SATURATION DIVING SYSTEM**

*Details available upon request*

**AIR DIVING SYSTEM**

**ACCOMMODATION**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Total capacity</td>
<td>304 men compliant</td>
</tr>
<tr>
<td>1-man cabins</td>
<td>10</td>
</tr>
<tr>
<td>2-man cabins</td>
<td>13</td>
</tr>
<tr>
<td>4-man cabins</td>
<td>43</td>
</tr>
<tr>
<td>6-man cabins</td>
<td>16</td>
</tr>
<tr>
<td>Mess rooms</td>
<td>2</td>
</tr>
<tr>
<td>Recreation room</td>
<td>1</td>
</tr>
<tr>
<td>Hospital</td>
<td>2-bed</td>
</tr>
<tr>
<td>Gymnasium</td>
<td>1</td>
</tr>
<tr>
<td>Prayer room</td>
<td>1</td>
</tr>
<tr>
<td>Galley and laundry</td>
<td>1</td>
</tr>
<tr>
<td>Cyber café</td>
<td>1</td>
</tr>
</tbody>
</table>

**DECK**

- **Clear work area**: 1200 m²
- **Deck strength**: 10 t/m²

**EQUIPMENT**

- **Fresh water maker**: 1 x 75000 liters/day
- **Garbage compactor**: 1 x 40 cubic ft
- **Sewage treatment**: 2 x IMO approved ST plant for 200 men
- **Air compressors**: Atlas Copco GA302 x 750 CFM @ 150 psi

**DAVITS**

- **Pipeline davits**: 4 x 25 t removable

**TANK CAPACITIES**

- **Fuel oil**: 1014 m³
- **Freshwater**: 2363 m³
- **Ballast water**: 8236 m³

**LIFE-SAVING APPLIANCES**

- **Life jackets**: 515
- **Breathing apparatus**: 8 units + 13 spare bottles
- **Life ring buoy w/light & line**: 27 units and line
- **Life rafts**: 38 x 25 men
- **Rescue boat**: 1 x 27.60 HP x 6 men

**HELIDECK**

In compliance with ICAO annex-14 regulations and UK CAP 437 guidelines for S-92 or equivalent.

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