# GLEN AFFRIC
(formerly Global Jade)

<table>
<thead>
<tr>
<th>Rig Owner Manager</th>
<th>KCA DEUTAG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rig Type</td>
<td>Self-Erecting Tender</td>
</tr>
<tr>
<td>Rig Design</td>
<td>Maltese Cross 1 3/3</td>
</tr>
<tr>
<td>Classification</td>
<td>Bureau Veritas</td>
</tr>
<tr>
<td>Hull Dimensions</td>
<td>300 ft x 90 ft x 20 ft</td>
</tr>
<tr>
<td>Design Water Depth</td>
<td>50 ft x 400 ft</td>
</tr>
<tr>
<td>Station Keeping</td>
<td>8 anchor mooring</td>
</tr>
<tr>
<td>Design Drilling Depth</td>
<td>20,000 ft</td>
</tr>
<tr>
<td>Accommodation</td>
<td>110 persons</td>
</tr>
<tr>
<td>Helideck</td>
<td>Sikorsky S-92 helicopter</td>
</tr>
<tr>
<td>Operating Max Wave</td>
<td>8.2 ft at 11 sec</td>
</tr>
<tr>
<td>Operating Max Wind</td>
<td>35 knots</td>
</tr>
<tr>
<td>Operating Max. Current</td>
<td>2.5 knots</td>
</tr>
</tbody>
</table>

## MOORING EQUIPMENT

- **Anchors Winches**: 4 x Brissonneau & Lotz Double Drum Anchor Windlasses (100 t SBL)
- **Anchor Wires**: 8 x Anchor Wire 2” diameter x 1,050 m (3,445 ft) long
- **Anchors**: 7 x Vicinay GS 6.8 mT HHP anchors
- **Buoys**: 8 x Pennant Buoy, Net Buoyancy 4600 kg

## DERRICK

- **Manufacturer/Type**: Dreco Bootstrap Mast
- **Dimensions**: 152 ft clear height, 30 ft x 30 ft base
- **Hook Load**: 226 mT setback (180 mT - 200 mT during skidding)

## DRAWWORKS

- **Manufacturer/Type**: National 1320-UE
- **HP Rating**: 2,000 input hp
- **Drawworks Motors**: 2 x Jeumont Schneider C R 483, 1,000 hp DC motors
- **Auxiliary Brake**: Baylor Elmagco 7040 Brake

## ROTARY TABLE

- **Manufacturer/Type**: Kerui (hydraulic) ZP375, 37 1/2”, 590 mT (rated at 385 mT by rotary beam)

## CROWN BLOCK

- **Manufacturer/Type**: Dreco 453 mT rated with 7 x 60” diameter sheaves grooved for 1/16” wire

## TOP DRIVE

- **Manufacturer/Type**: Canrig 1050E-712
- **Output Power**: 1130 hp continuous, 1365 hp intermittent
- **Continuous Torque Ratings**: 42.700 ft.lbs (57,900 Nm) @ 130 rpm
- **Intermittent Torque Ratings**: 47.400 ft.lbs (64,300 Nm) @ 130 rpm

## TRAVELLING EQUIPMENT

- **Block**: National 650 G500 Hook Block, 453 mT rated with 6 x 50” diameter sheaves, grooved 1/8”

## POWER TONG

- **Manufacturer/Type**: Hawk Industries T-Wrex Junior Power Tong
- **Make-Up Torque**: 60,000 ft.lbs
- **Break Out Torque**: 80,000 ft.lbs
- **Drill Pipe Size Range**: 2.875” to 8.000”

## POWER PLANT

- **Main Power**: 4 x Caterpillar Diesel Gensets; SR4 AC Generator 1750 kW, 1225 kW, 600 V, driven by Caterpillar D 3512 N1 diesel engine 1,478 hp at 1,200 rpm
- **5th engine on main deck CAT 3516C HD + SR4 alternative rated at 1603 kW. Powers 3rd mud pump plus auxiliaries
- **Emergency Power**: 1 x Caterpillar Diesel Standby Genset; SR4 AC Generator driven by a 3508 TA diesel engine, Output 450 kW continuous

## MUD TREATMENT

- **Mud Pumps**: 3 x National 12-P-160 Triplex Mud Pumps, 1600 input hp with 7500 psi fluid modules
- **Shale Shakers**: 4 x Derrick 248.96F 5P Single Flow Line Cleaners Plus
- **Desander**: 1 x Brandt SRS-3 Desander. Capacity 625 GPM
- **Desilter**: 1 x Brandt SE-20 Desilter. Capacity 1250 GPM

## BOP EQUIPMENT

- **BOPs**: 1 x NOV Shaffer 13 5/8”, 5,000 psi WP Annular
- **BOP with Standard Bonnets**: 1 x NOV Shaffer 10,000 psi WP Single Ram BOP with Standard Bonnets
- **BOP Control System**: Koomey 240-11 SX with 1 x Triplex Pump, 3 x Air Pump, 240 US gallon reservoir capacity

## CHOKE MANIFOLD

- **Choke and Kill Lines**: 13/8” - 10,000 psi, H2S service

## CRANES

- **Main Crane**: 1x Favco PC150, 140 ft (42.8 m) boom length AP 2C. Rated capacity 95 mT @ 15.2 m (50 ft); 24.5 mT @ 43.9 m (140 ft)
- **Deck Crane**: 1 x Favco 6/10K, 41.2 m (135.17 ft) boom Rated capacity rated at 20 mT @ 7.5 m (24.61 ft) and 5.5 mT @ 40.0 m (131.2 ft)

## STORAGE CAPACITIES

- **Variable load**: 4,423 mT (maximum)
- **Liquid Mud**: 2,704 bbls (322 m3)
- **Bulk Material**: 10,400 ft³
- **Sacks**: 6,600 sacks
- **Drill Water**: 7,484 bbls (892 m3)
- **Potable Water**: 3,836 bbls (457 m3)
- **Fuel Oil**: 2,798 bbls (334 m3)
- **Brine**: 1,868 bbls (223 m3)