



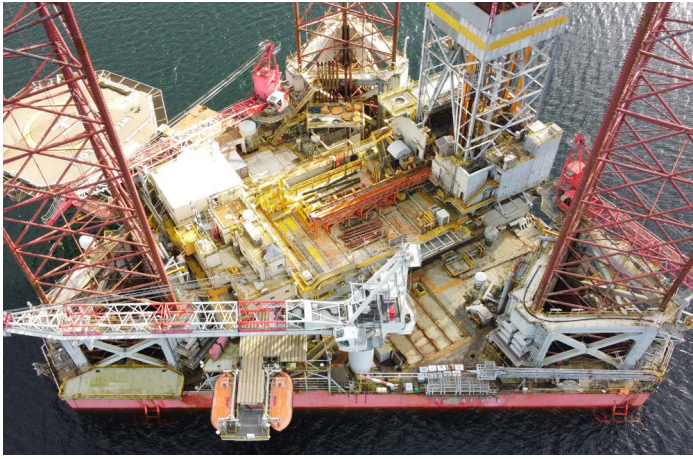
# WELL-SAFE PROTECTOR SPECIFICATIONS

Your one-stop-shop for well decommissioning:

| General Description |  |
|---------------------|--|
| Name                | Well-Safe Protector                                    |
| Design              | MSC CJ62 S120 Independent Leg Cantilever               |
| Year Built          | 1993   |
| Dimensions          | 257 ft long x 296 ft wide x 35 ft hull depth           |
| Legs                | 3 x 574 ft Triangular Lattice                          |
| Leg Spacing         | 203 ft Transverse / 176 ft Longitudinal                |
| Cantilever Skid Out | 46 ft aft of transom / 15 ft traverse from centre line |
| Air Gap             | 131 ft max   |
| Variable Loading    | 3,800 MT Drilling                                      |
| Water depth         | 394 ft max   |
| Drilling Depth      | 25,590 ft max  |
| Flag / Class        | Panama / DNV   |
| Helideck            | S-61N & S-92   |

| Well Abandonment Equipment |   |
|----------------------------|---|
| Derrick                    | EMSCO BBS-160 160 ft Tall with 40 ft x 40 Ft Base<br>2,000,000 lbs Static Hook Load Capacity  |
| Draw-works                 | EMSCO C3-Type II, 3,000 HP rated input power<br>987 HP continuous output power  |
| Rotary Table               | EMSCO T4950-65 - 49-1/2" max. opening<br>726 MT max load  |
| Top Drive                  | Varco TDS-6S, 650 MT hoisting capacity<br>Max. cont. torque 56,700 ft-lbs   |
| Tubular Handling           | VARCO PHM-31 Vertical Pipe Handler with Integrated<br>Iron Roughneck<br>VARCO PLS-1 Horizontal Pipe Handler with FP-AS<br>Catwalk Machine |
| Mud Pumps                  | 3 x EMSCO FC2200 2,200 HP each  |
| Cement Unit                | Halliburton HCS 25D, PAB chemical additive system,<br>100 bbl batch mixing tank   |
| Wireline                   | Dedicated wireline deck with internet connection<br>providing real-time log viewing capability  |





## CONTINUED SPECIFICATIONS

| Well Control/Subsea Equipment |  |
|-------------------------------|--|
| Diverter                      | VETCO Grey KFDJ 47" 500 psi  |
| BOP - HP                      | 18 3/4" 15,000 psi Double Ram Assembly comprising:<br>1 x Hydril 18 3/4" extended double, 15,000 psi<br>1 x Hydril 18 3/4" double, 15,000 psi<br>1 x Hydril GX 18 3/4" Annular, 10,000 psi |
| BOP - LP                      | Cameron Type U 21-1/4" 3 rams, 5,000 psi<br>Cameron Annular 21-1/4", 3,000 psi   |
| Accumulator                   | MH-Koomey Inc. TX-600-00, 3000 psi MWP   |
| C&K Manifold                  | WOM 15,000 psi   |
| BOP Handling:                 | 4 x Neuhaus 66.12 st Hoist   |
| Conductor Tensioning:         | PH Hydraulics 4 x Lift Points<br>Total Tension 264.5 st  |
| Subsea Capability             | Deployable Texas deck, space for work class ROV, IWOCs/Reel storage deck   |

| Fluid Handling |  |
|----------------|--|
| Mud Mixing     | Procon Automatic Mud Additive System                       |
| Gas Removal    | Smedvig IPR Mud-Gas Separator<br>Swaco 12" Vacuum Degasser |
| Shale Shakers  | 4 x Thule Rigtech VSM 300                                  |
| Sand Traps     | 7 pods, 500 bbl combined capacity                          |

| Fluid Capacity   |  |
|------------------|--|
| No. of Pits      | 13 pits (8 pits + 4 pre-sheared pits + 1 slug pit) |
| Brine            | 5,300 bbls   |
| Sack Storage     | 1,900 bbls   |
| Portable Water   | 14,000 bbls  |
| Drill Water      | 5 silos, 500 MT capacity                           |
| Barite/Bentonite | 3 silos, 330 MT capacity                           |
| Bulk Cement      | 4,290 bbls   |
| Fuel Oil         | 1,786 bbls   |

| Cranes        |  |
|---------------|--|
| Port Mid      | Liebherr 157 ft Boom - 75MT SWL @ 34m  |
| Port Aft      | Liebherr 121 ft Boom - 15MT SWL @ 9.7m |
| Starboard Mid | Liebherr 140 ft Boom - 50MT SWL @ 8.5m |

| Power Management |   |
|------------------|---|
| Main Engines     | 6 x Caterpillar 3516 1,495 HP Diesel Engines                          |
| Main Generators  | 6 x Leroy Somer 1,495 HP  |
| Emergency Power  | 1 x Caterpillar 1,500 HP Diesel Engine (Separate From 6 Main Engines) |

| Platform Interface   |  |
|--|--|
| Provision of power, PA/GA, fire and gas detection, ESD and navigation lights. Tie-in points located on Port and Starboard legs |  |
| Access door and stair tower in aft of hull   |  |

| Accommodation   |  |
|---|--|
| 120 persons   |  |
| Client and service offices with conference facilities |  |
| Gym, weight room and sauna facilities                 |  |

| Mooring & Anchors |   |
|-------------------|---|
| Mooring Winches   | 4 x Skagit JUW100 48.5 st Rated Pull      |
| Mooring Lines     | 4 x 2.13" Diameter 2,133 ft Useful Length |
| Anchors           | 4 x Flipper Delta 8.8 st                  |