

Offshore

Ersai 1

ERSAI



Ersai 1

PRINCIPAL DIMENSIONS & CAPACITIES

Length of hull	139.84 m
Length overall (LOA)	140.45 m
Breadth of hull	42.00 m
Breadth overall	42.61 m
Depth	8.40 m
Lightship	approx. 9,200 tons
Draught	light approx. 1.70 m typical 4.00 m, max. 5.60 m
Class	RMRS KE I technological pontoon
Flag	Kazakhstan

MOORING SYSTEM

4 double drum anchor winches (below deck)	
electrically driven	max. pull 60 tons
Wire rope 42 mm dia.	1,500 m
8 Delta Flipper anchors	2.50 tons

BALLAST SYSTEM

16 ballast tanks	total capacity 34,700 cu.m
3 ballast pumps electrically driven	800 cu.m/h each

BOTTOM JETTING SYSTEM

3 high press pumps	
electrically driven	300 cu.m/h each

POWER GENERATION

2 main dd/gg sets at 405 kW, 400 V, 50 Hz each

AUXILIARY EQUIPMENT

Air compressor, fuel separator, bilge system, remote draft and tank level gauging, capstan (4 x 12 tons), harbour generator, CO₂ system, towing system

LIFTING EQUIPMENT

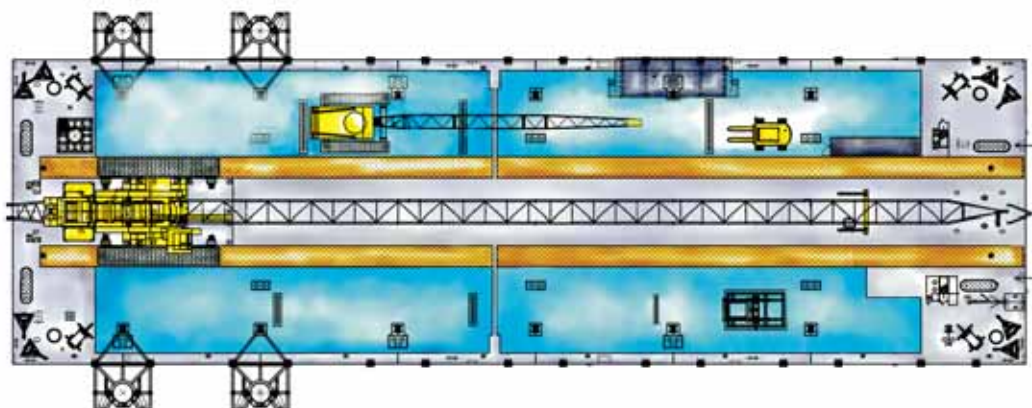
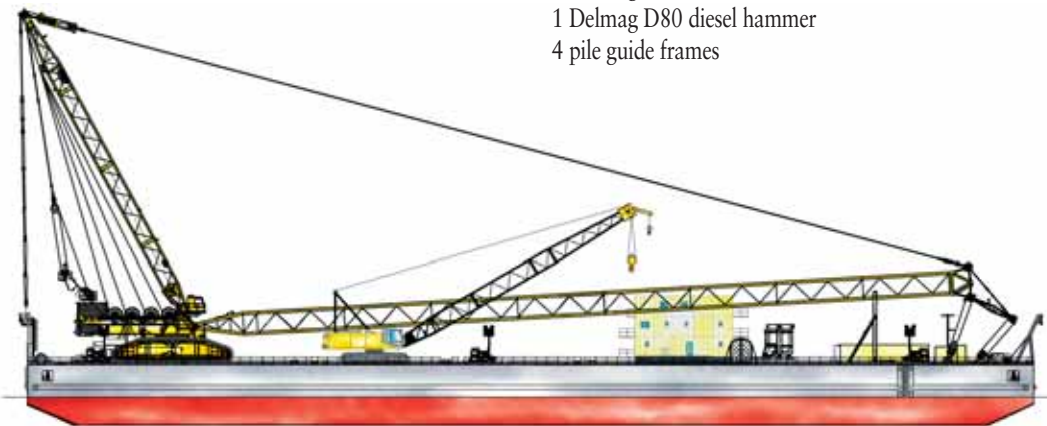
Main crawler crane	capacity 1,800 tons
Auxiliary crawler crane	capacity 300 tons

SERVICE MODULE (movable on deck)

Self-contained service module with mess up to 30 persons, offices up to 10 persons, first aid infirmary

HAMMERING EQUIPMENT

- 2 Menck MHU 1700 hydraulic hammers
- 2 Delmag D200 diesel hammers
- 1 Delmag D100 diesel hammer
- 1 Delmag D80 diesel hammer
- 4 pile guide frames







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Ersai Caspian Contractor is owned equally by Erc Holdings and Saipem