

Posatubi marino Castoro 6 – Saipem Italia

Semisubmersible pipelay vessel Castoro 6



img.1

Aertecno International e Aerotecnica Marelli per Saipem S.p.a. Progettazione esecutiva impianti HVAC, idrico-sanitari ed antincendio della nave posatubi marina Castoro VI

Aertecno International and Aerotecnica Marelli for Saipem S.p.a.. Planning executive project of HVAC, water, sanitary and fireproof systems of the Semisubmersible pipelay vessel Castoro VI.

Immagine 1 – La

Castoro VI in

navigazione

Immagine 2 – Vista

laterale del vascello

img.2

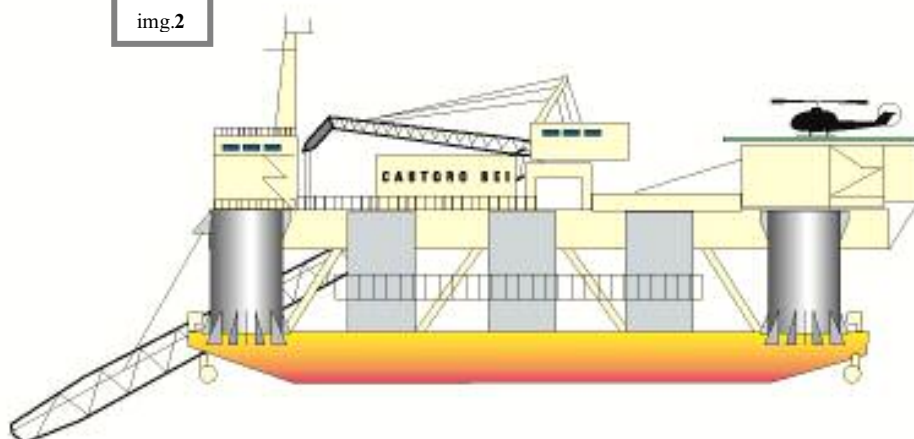


Image 1 – The Castoro

VI vessel in navigation

Image 2 – Lateral view

drawing

Classification:

A.B.S. +A1., Norwegian Maritime Directorate letter of compliance.

Dimensions:

Length overall: 152 m

Breadth overall: 70.5 m

Depth to main deck: 29.8 m

Operating draught: 7.8 - 15.5 m

Deck load capacity: up to 3,600 t

Mooring system:

Number of anchors/weight: 12 x 25 t

Anchor wire size: 76 mm (3") dia.

Anchor drum capacity: 3,000 m each winch.

Propulsion/positioning system:

Number of thrusters: 4 azimuthal variable pitch.

Thruster capacity: 2,060 kW/37 t thrust.

Pipe tensioning system:

Type of tensioners: Remacut DC electric.

Tensioner capacity: 3 x 110 t each

Pipe diameter capacity: up to 1.5 m/60" dia.

Pipe abandonment/retrieval system:

Type of winch: Tesmec DC electric.

Winch capacity: 300 t constant tension.

Cranes/pipe handling system:

Number of cranes: 2 fully revolving.

Crane type: Gantry deck mounted.

Crane capacity: 60 t with 50 m boom.

Power generation/safety equipment:

Main engines: 8 x 2,950 kW each.

Main generators: 8 x 4,500 kVA each.

Crew facilities:

Accommodation capacity: 330 people.

Helideck capacity:

Sikorsky S-61 N