

Hull Nº  
**1657**

**3D SEISMIC RESEARCH VESSEL**  
Shipowner:  
WESTERN GECO

**WG COLUMBUS**  
Built:  
2009

Hull Nº: **1658** / Name: **WG MAGELLAN** / Built: **2009**

Hull Nº: **1659** / Name: **WG AMUNDSEN** / Built: **2010**

Hull Nº: **1660** / Name: **WG VESPUCCI** / Built: **2010**



Hull Nº  
**1657**

## Main Particulars:



*Length Overall:* 88.8 m

*Length between Perpendiculars:* 82.0 m

*Moulded Breadth:* 19.0 m

*Depth to Main Deck:* 8.0 m

*Maximum Draught:* 6.6 m

*Design Draught:* 6.0 m

*Deadweight at 6.6 m:* 3800 Tons

*Trial Speed:* 15 knots

*Crew:* 69 people

## Classification:

DNV ✕ SF, E0, DYNPOS-AUTR, CLEAN DESIGN, COMF-V (3), ICE-C, NAUT-AW, HELDK

## Propulsion & Manoeuvring Equipment:

*Main Generators:* 6 x 1800 KW at 1000 rpm

*Main Azimuth Thrusters:* 2 x 3000 kW

*Retractable Bow Azimuth Thruster:* 1 x 850 KW

*Bow Tunnel Thruster:* 1 x 1200 kW

*Emergency Generator:* 1 x 215 KW at 1500 rpm

1 x 1200 kW Bow Tunnel Thrusters

## Equipment for Cargo:

One Electro-Hydraulic Knuckle Jib Deck Crane of 12 T at 17 m

## Tanks Capacity:

*Fuel-oil Capacity ():* 1513 m<sup>3</sup>

*Lub. Oil Capacity:* 82 m<sup>3</sup>

*Fresh Water Capacity:* 1050 m<sup>3</sup>

*Ballast Water Capacity:* 1924 m<sup>3</sup>

*Urea:* 69 m<sup>3</sup>

## Ship Equipment:

DP 2 Dynamic Positioning System with Joystick

Catalytic Reactor Units for treatment of exhaust gas

*Seismic equipment main components:*

- 3 High pressure Seismic Air Compressor

- 12 Seismic Streamer Reels

- 6 Gun Reels

- 2 Workboats

## Live-saving Appliances:

*Life Rafts:* 8 for 25 people each and 1 over board man life raft for 6 people

*MOB Boats:* 1 for 6 people



Hijos de J.  
**BARRERAS**

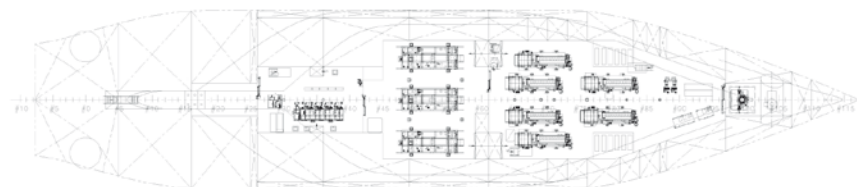
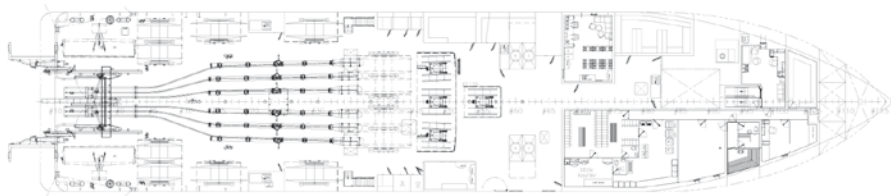
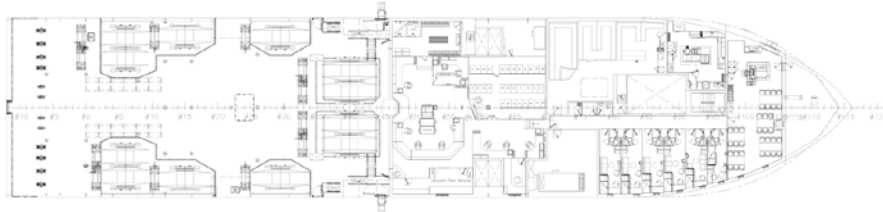
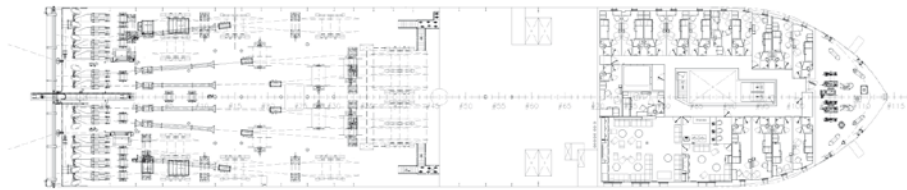
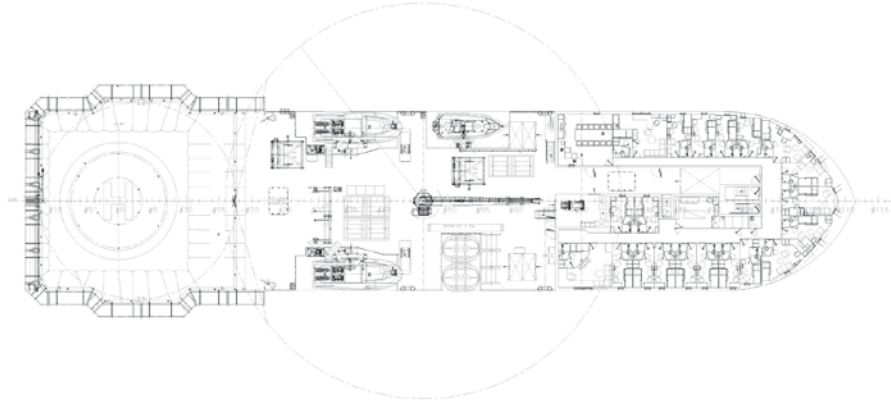
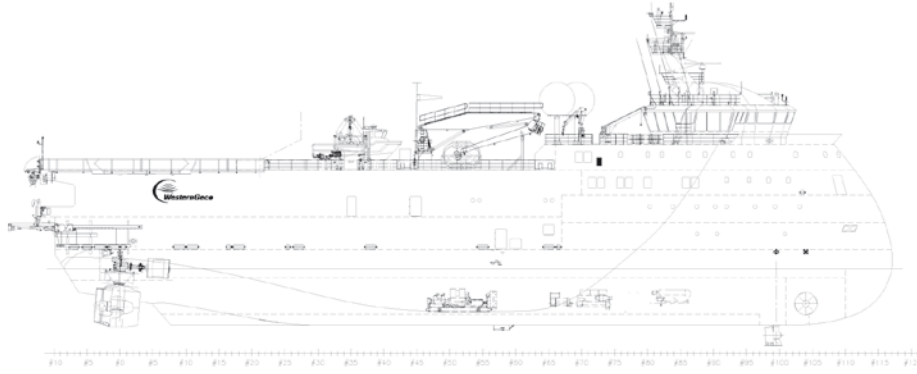
Hull Nº: / Name: / Built:  
**1657 / WG COLUMBUS / 2009**

Hull Nº: / Name: / Built:  
**1659 / WG AMUNDSEN / 2010**



Hull Nº: / Name: / Built:  
**1658 / WG MAGELLAN / 2009**

Hull Nº: / Name: / Built:  
**1660 / WG VESPUCCI / 2010**



VIGO/SPAIN

T: +34 986 213 297  
astillero@hjbarreras.es  
www.hjbarreras.es