

# Specifications

## Seismic Research Support Vessel

### “7-Waves”

**Year of construction:** 2014  
**Vessel Name:** 7-Waves  
**Owner:** Rederij Groen II BV  
**Flag:** Panama  
**IMO Number:** 9714185  
**Call Sign:** HP 5141  
**MMSI:** 353922000  
**Class:** Lloyds Register, IACS  
**Notation :** Q 100A1, Seismographic Support Ship Ice Class 1<sup>E</sup> UMS, LMC

#### Dimensions:

Lenght OA : 35,00 Mtrs.  
 Lenght PP : 29,10 Mtrs  
 Beam : 8,70 Mtrs.  
 Draught : 3.20 Mtrs.  
 Depth : 4.25 Mtrs.  
 Design Speed : 12 kts.  
 Gross Tonnage : 338 Grt  
 Bollard Pull : 17.9 Ton

#### Generators:

Caterpillar : 3x C18 TA SCAC  
 : 465Kva@1800Rpm  
 : Insight monitoring

#### Propulsion system:

Propellers : 2x Thruster 600 Bhp  
 Bow thruster : 1x Veth VT-80 90 kW

#### Anchor(s):

Anchor : 2x HHP 495 kg  
 Chain : 302.5 mtr x 22 mm dia.

#### Cranes:

Deck Crane : 1x 2t @ 10.5 Mtrs.

#### Safety Equipment:

Liferafts : 4x 16 persons (SOLAS)  
 Fifi : 2x General service pump  
 : 25 m<sup>3</sup>/h  
 : 1x Portable emergency fire pump



#### Communication Equipment:

GMDSS A4 : 1x Sailor-6310 (DSC)  
 VHF Radio : 2x Sailor-6222  
 : 1x Sailor-6248  
 Portable VHF : 2x Jotron TR 20  
 Immarsat Sat-C : 1x Sailor-6110  
 AIS : 1x Furuno FA-150  
 EPIRB : 1x Jotron Tron-40S MKII  
 Iridium : Pilot open port  
 V-Sat : Sailor 900 Ku-Band

#### Navigation Equipment:

Radar : 2x Furuno FAR 2117  
 Mag. Compass : 1x Cassens & Plath  
 Sat Compass : 1x Furuno SC50  
 Auto Pilot : 1x Simrad AP80  
 GPS Navigation : 1x Furuno GP-150  
 : 1x Furuno GP-33  
 Echo Sounder : 1x Furuno FE 700  
 Navtex : 1x Furuno NX700B  
 Electronic Charts : 2x Maris Dual Ecdis 900  
 Gyro Compass : 1x Anschütz BST 2233

#### Bunker/Towing/Storage capacity:

Fuel Oil : 150 m<sup>3</sup>  
 Fuel Transfer : 4" TODO  
 Fresh Water : 50 m<sup>3</sup>  
 F. W. Maker : 5.3 m<sup>3</sup>/day

#### Storage capacity:

Cool Store : 4,3 m<sup>3</sup>  
 Freeze Store : 4,3 m<sup>3</sup>  
 Clear Deck : 103.3 m<sup>2</sup>

#### Accommodation (fully air conditioned):

Total Capacity : 16

#### Special Features:

Towing Hook : 1x Mampeay 18/25 t  
 Bollard Pull Test : 17.9 Ton

#### Contact details:

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