



## 2 SEISMIC RESEARCH SUPPORT VESSELS "ASTRA-G / AQUARIUS-G"

### GENERAL

YARD NUMBER	609/610 (MAASKANT)
DELIVERY DATE	April/May 2013
BASIC FUNCTIONS	Seismic Research Support Vessels
CLASSIFICATION	Lloyd's Register
FLAG	Panama
OWNER	Rederij Groen B.V. Scheveningen

### DIMENSIONS

LOA	40.00 m
LPP	36.80 m
BEAM	9.30 m
DRAUGHT	3.30 m
DEPTH	4.60 m
GROSS TONNAGE	499
DESIGN SPEED	14 kts

### PROPULSION SYSTEM

MAIN ENGINES	2x Caterpillar C32 ACERT 970 kW
PROPELLERS	2x Fixed pitch propeller
RUDDERS	2x Fishtail rudder
BOW THRUSTER	1x Veth VT-100 110 kW

### AUXILIARY EQUIPMENT

MAIN GENERATOR	3x Caterpillar C4.4 99 kW
SETS	

### DECK LAY-OUT

ANCHOR	2x HHP 675 kg
CHAIN	357.5 mtr x 26 mm dia
MOB CRANE	1x 1t @ 3.5 mtr
DECK CRANE	1x 2t @10.5 mtr
TOWING HOOK	1x Mampaey 18/25 t
CAPTANS	2x 5t each

### SAFETY EQUIPMENT

MOB	6 persons
LIFERAFTS	4x 16 persons (SOLAS)
FIFI	2x General service pump 25m <sup>3</sup> /h 1x Portable emergency fire pump

### BUNKER CAPACITY

FUEL OIL	230.0 m <sup>3</sup>
FUEL TRANSFER	4" TODO
FRESH WATER	35.5 m <sup>3</sup>
FRESH WATER MAKER	5.3 m <sup>3</sup> /day

### STORAGE CAPACITY

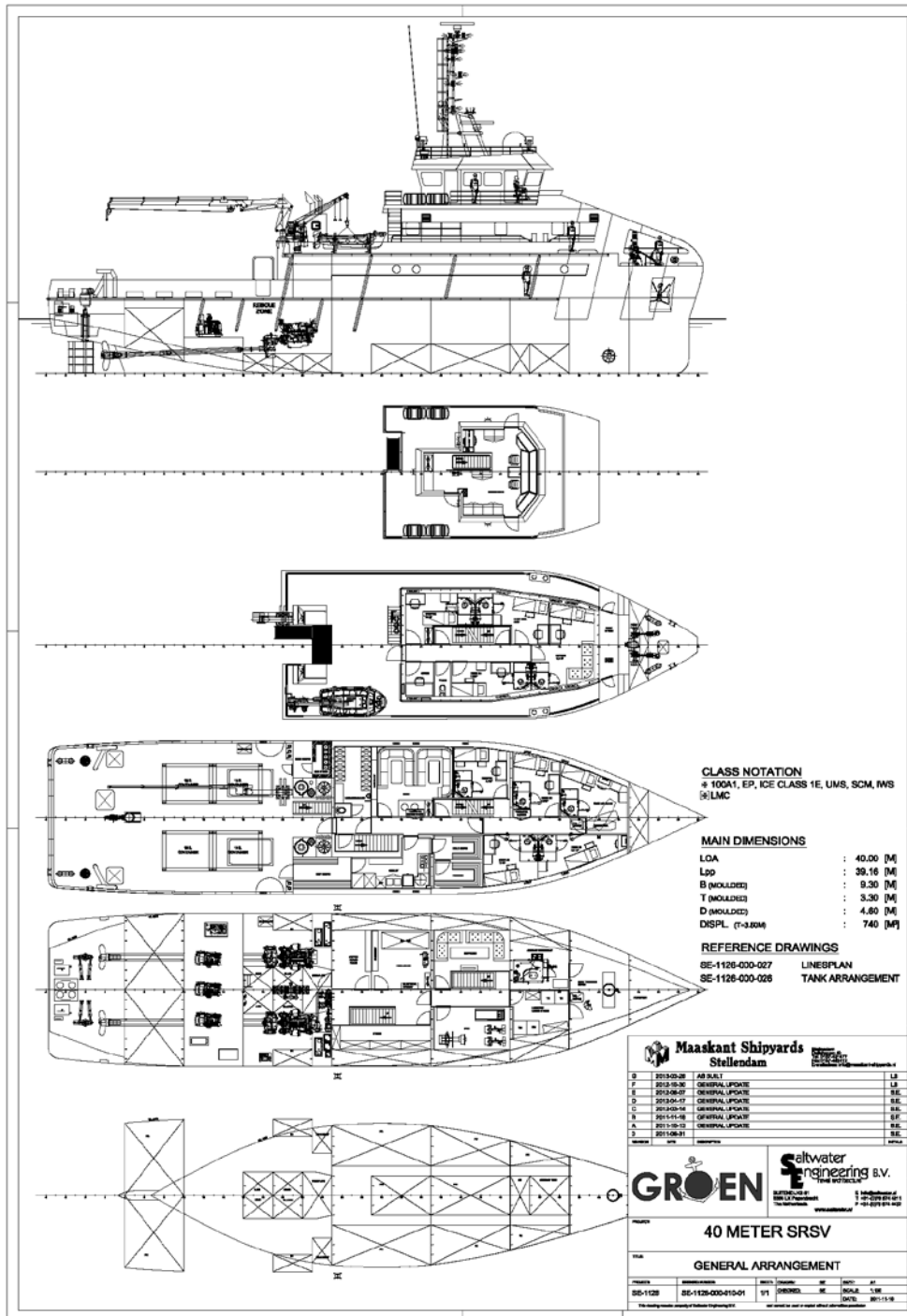
COOL STORE	8 m <sup>3</sup>
FREEZE STORE	8 m <sup>3</sup>
CLEAR DECK	105.2 m <sup>2</sup>

### NAUTICAL AND COMMUNICATION EQUIPMENT

RADAR	2x Furuno FAR 2117
MAGNETIC COMPASS	1x Cassens & Plath
SAT COMPASS	1x Furuno SC50
AUTO PILOT	1x Anschutz Pilotstar D
GPS NAVIGATION	1x Furuno GP-150 1x Furuno GP-33
ECHO SOUNDER	1x FCV1100
NAVTEX	1x Furuno NX700B
ELECTRONIC CHARTS	1x Maris Dual Ecdis 900
GYRO COMPASS	1x Cassens & Plath type 11
GMDSS A3	1x Sailor-6222
VHF RADIO	1x 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

### ACCOMMODATION

TOTAL CAPACITY	14 persons
BERTHS	2x 1 person, 6x 2 persons, 1x first aid room



## 2 SEISMIC RESEARCH SUPPORT VESSELS "ASTRA-G / AQUARIUS-G"



MAASKANT SHIPYARDS STELLENDAM

Member of the DAMEN SHIPYARDS GROUP

Deltahaven 40  
3251 LC Stellendam

P.O. Box 12  
3250 AA Stellendam  
The Netherlands

phone +31 (0)187 49 14 77  
fax +31 (0)187 49 31 12

info@maaskant-shipyards.nl  
www.maaskant-shipyards.nl