



WATER BUS 2407

AQUA DIAMOND

GENERAL

Yard Number	537801
Basic functions	Urban Water Shuttle
Hull Material	FRP Composite
Superstructure	FRP Composite
Classification	Bureau Veritas Light Ship, Passenger Catamaran, sea area 1
Flag, Safety	EC category 3, Inland Waterways
Owner	Aqualiner
Delivery	June 2017
Flag	Dutch

DIMENSIONS

Length molded	24.5 m
Beam molded	7.0 m
Depth molded	2.3 m
Draught (max.)	1.6 m

TANK CAPACITIES

Fuel oil (service)	2.0 m ³
Fresh water	150 L
Sewage	300 L

PERFORMANCES

Speed (max)	39.9 Km/hr
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PROPULSION EQUIPMENT

Main Engines	2x Volvo IPS 2-650 / D11
Total Power	2x 375 bkW @ 2250 RPM
Propulsion	2x Volvo IPS-2 system

AUXILIARY EQUIPMENT

Network	24 V DC (2x 3 kW alternators)
Generator	Caterpillar C 2.2. 50Hz, 22.5 kVA (for AC)

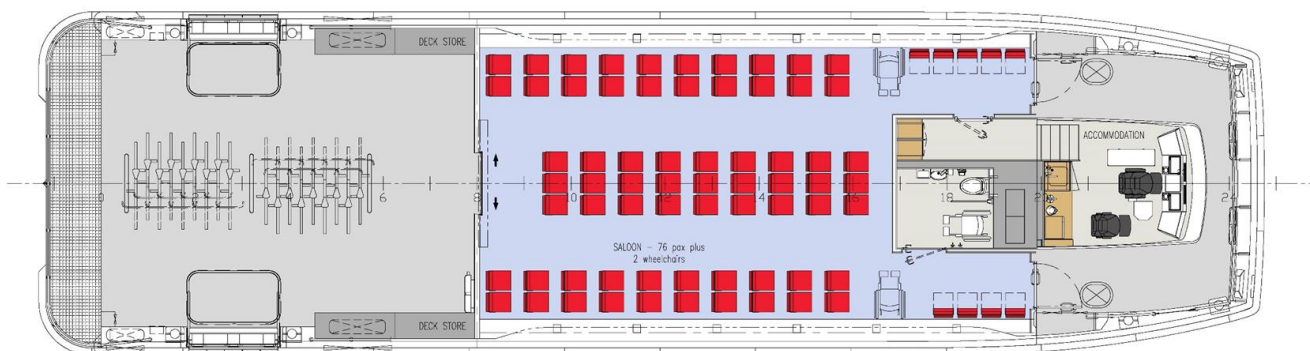
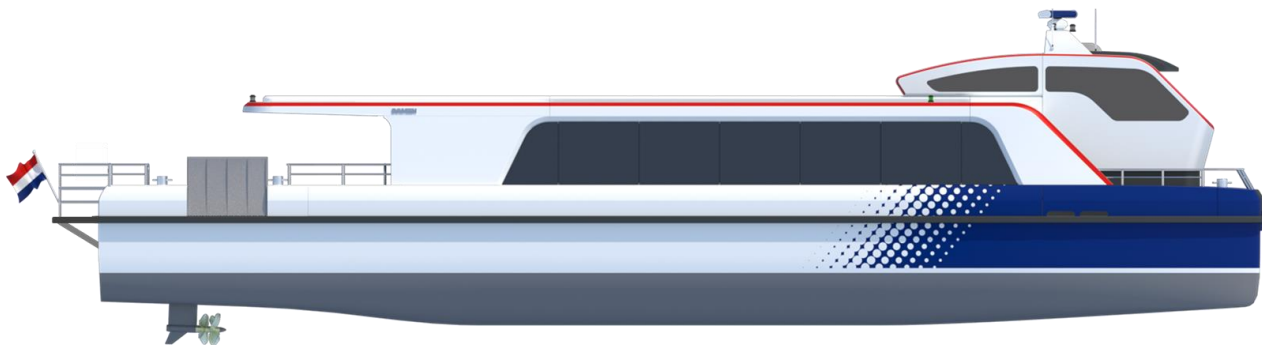
ACCOMMODATION

Passengers	125
Wheelchair position	2
Bicycles	10
Toilets	1, combined for disabled
Crew	2
HVAC	Air conditioning, heating

NAUTICAL AND COMMUNICATION EQUIPMENT

GPS	Em-trak A100
Compass	JRC JLR-21
Echo Sounder	P79 Airmar
River Radar	Alphatron JMA-610
VHF Radio	2x Sailor RT-6248
CCTV	AlphaCam
PA	Bouyer AS3126
CD / Radio	Pioneer DEH-X5700BT

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