 sign of solutions

## Welcome to Royal Wagenborg

Whatever transport is important to your business: Royal Wagenborg has been looking for the most intelligent and reliable transport solutions for more than a century. Royal Wagenborg finds them with committed people and state of the art equipment. Wagenborg, a sign of solutions since 1898.

## RAVEL

Wagenborg Offshore owns and operates several accommodation floatels with comfortable cabins, together with recreational spaces, offices, workstations and meeting rooms. All floatels are suited for duty in sheltered waters, ideally moored alongside berth or quay.

The floatel "Ravel" has an accommodation capacity of 79 cabins and can be used in a single, double or quadruple person per cabin configuration.

"Ravel" can potentially be used at:

- onshore and offshore oil, gas and LNG construction sites
- projects with changing accommodation requirements
- project management accommodation
- Staff accommodation housing
- refugee accommodation

"Ravel" is fully compliant with the applicable marine regulations and meets the oil & gas safety standards.

## Wagenborg Offshore

As an international offshore specialist and with many years of experience in the global oil and gas transport business, Wagenborg Offshore has committed professionals at its heart, carrying out complex logistic projects worldwide.

Wagenborg Offshore is a specialist in shallow water transport and has been operating in the Caspian Sea for decades with its dedicated vessels. The company also has vast experience and knowledge of ice navigation in Baltic and Scandinavian waters.

Wagenborg Offshore has state-of-the-art equipment and technologies that comply with the highest quality industry standards.

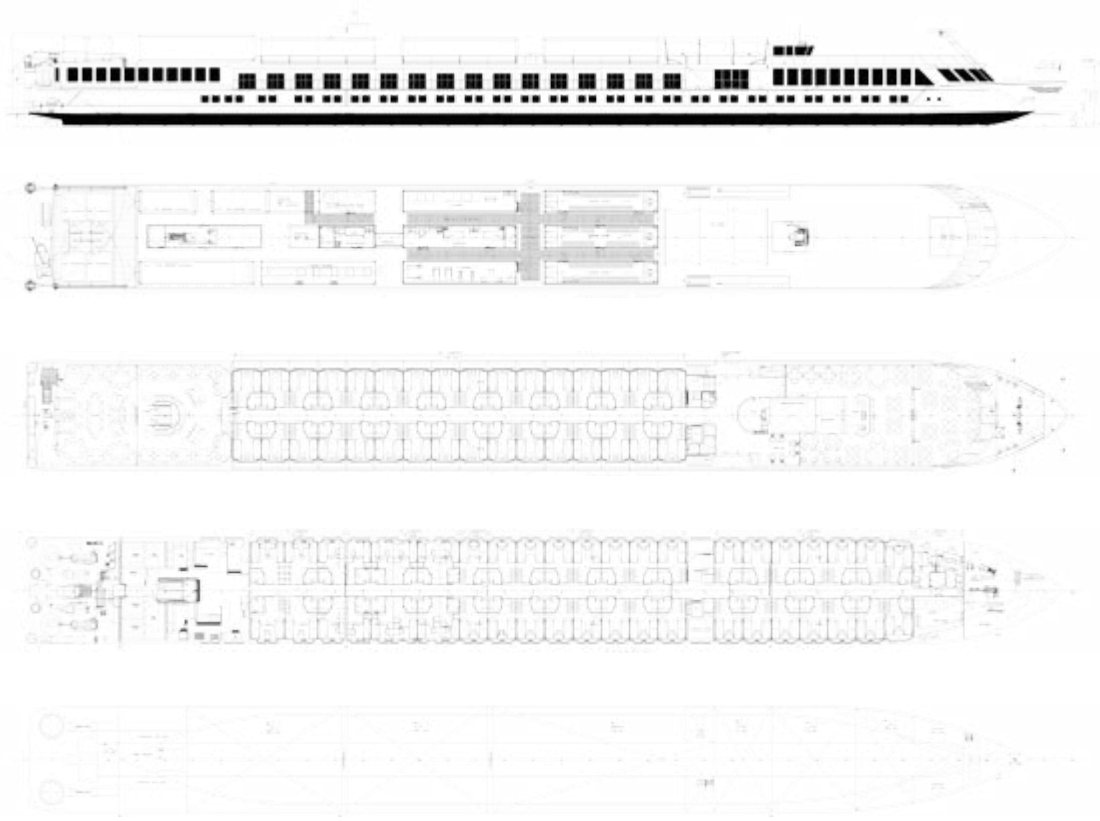
### Our floatels

Bellini	320 PoB
Debussy	290 PoB
Kurmangazy	316 PoB
Puccini	300 PoB
Ravel	286 PoB
Rossini	440 PoB
Verdi	320 PoB
Vivaldi	600 PoB

### WAGENBORG OFFSHORE

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### GENERAL

IMO Number	7001749
Call Sign	UNAJ
Yard	Lobith-Tolkamer NL
Year	2000
Classification	BV - I 5 IN(1,2) Z special service/accommodation unit
Flag	Republic of Kazakhstan

### DIMENSIONS

Length over all:	110 m
Breadth over all:	11,40 m
Depth:	3,3 m
Draught Max (sum)	1,9 m
Light ship Draft:	1,28 m
Gross tonnage:	2185 T
Net tonnage:	987 T
Deadweight:	709,2 t

### CAPACITIES

Fuel oil bunkers:	71,4 m <sup>3</sup>
Fuel set day tanks:	1,8 m <sup>3</sup>
Potable water:	192,1 m <sup>3</sup>
Sewage tanks:	346,6 m <sup>3</sup>
Dirty oil tank:	2,6 m <sup>3</sup>
Fore Peak :	45,0 m <sup>3</sup>
Ballast tank 1:	110,6
Ballast tank 2:	98,1
Ballast tank 3:	98,1

### ACCOMMODATION

Complement:	286 persons
Cabins:	79 cabins
Other facilities	Two laundries, Internet room for six persons, Cold/dry store, Freezer, Messroom, Reception, Offices, Fitness, Laundry, 3 Changing room Incinerator, Hospital. Bar, pub, kitchen

### MACHINERY / PERFORMANCE

Main Generators	Caterpillar, 2x 3508 B 783 KW 1600 RPM
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### AUXILIARIES

Aux Generators:	Caterpillar, 4x3406 240 kW 1500 RPM Caterpillar, 1x3306 174 kW 1500 RPM
Emergency Gen	Parkins, 1x1506 50 kW 1500 RPM
Bow Thruster:	Caterpillar, 1x3196 400 kW 1500 RPM

### DELIVERY RATES

Fuel oil:	35m <sup>3</sup> / hr @ 3.5bar/ 4" TODO
Sewage:	40m <sup>3</sup> /hr @ 3.5 bar/ 4" TODO
Freshwater:	18m <sup>3</sup> /hr @3.5 bar/ STORZ 52 mm

### DECK EQUIPMENT

#### Aft Deck

Anchor winch:	Type DVM 12
2 cargo cranes:	Promac Type AFB 90/10 on crane foundations, SWL 6 ton at 10 m SWL 10 ton at 5m

#### Fore Deck

Anchor winch:	Type DVM 12
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### SAFETY EQUIPMENT

Lifesaving arrangement in accordance with SOLAS.  
 7 x Life rafts (35 pers each)  
 300 Life jackets

### HEAT/COLD SYSTEM

HVAC system inside the accommodation is designed for:  
 Summer: outside +40C°/ 70% RH  
 inside +27C°/ 50% RH  
 Winter: outside -36C°  
 inside +18C°

### ELECTRONICS

1x AIS  
 2x Inmarsat C  
 3x Portable radio GMDSS  
 2x Portable Radio VHF  
 1x EPIRB  
 4x Mobile Radio VHF

### ENVIRONMENTAL

Zero dumping provisions  
 Vessel equipped with H2S Gas detection

Particulars believed to be correct, but not guaranteed.

## A cost effective choice

Our floating hotel "Ravel" has a shallow draught and can be used to accommodate personnel on projects in more remote area's or where existing shore accommodation is not available due to economic or safety reasons. Having accommodation close to a working area of construction site is essential keep costs within budget in large scale projects. Deploying our comfortable floating hotel close to an onshore or offshore working area means more productive hours and less travelling time for the workers. Moreover, "Ravel" has a minimal environmental impact and limited infrastructure requirements.

## Comfortable accommodation facilities

Good personnel is hard to find and comfortable accommodation facilities with adequate recreational facilities is paramount. All cabins are fully air conditioned with bathroom, lockers, desk and chair. "Ravel" has a structured cabling system installed with internet, telephone and television. Further a restaurant with quality catering, bar, recreation rooms, gymnasium and laundry facilities are available to all guests on board. Office facilities and meeting rooms complete the facilities.

### EXTERIOUR DESIGN



### DECK CRANE



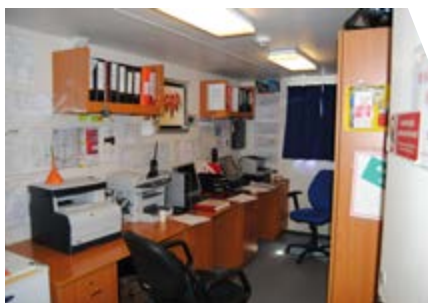
### V-SAT



### CABIN INTERIOUR



### OFFICES



### CHANGING ROOM



### MESSROOM



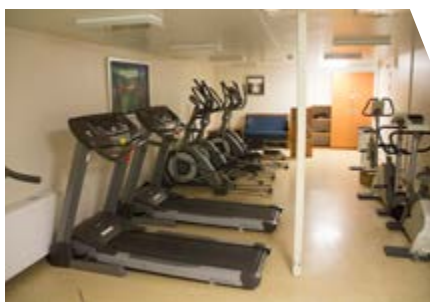
### LAUNDRY



### RECREATION ROOM



### GYMNASIUM



### GALLEY







### HALLWAY





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