JANTLE MARINE

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# Technical Proposal

## for the supply of

## 1130P Ro-Ro Passenger Ship

Data: July 25th 2019

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## 1. MAIN CHARACTERISTICS

| | | | |
|---|---|---|---|
| GT: | 19847 | Beam (m): | 24.8 |
| NT: | 9923 | Depth (m): | 7.9 |
| D.W.T: | 6984.16 | Passenger: | 1128 |
| Max Draft (m): | 6.15 | Crew: | 75 |
| LOA (m): | 161.2 | Lane meters (m): | 1800 |
| LBP(m): | 147 | Trailer lane width (m): | 3.0 |

Speed: 16.5 Knots @ Consumption 48.0 T/Day

18.0 Knots @ Consumption 58.8 T/Day

Class Notations: ★CSA RO-RO Passenger Ship, Ice Class B, R1

★CSM MCC

Built: Feb 2007

Main Engines: 2 × 6720KW(13440KW)

Fuel oil tanks: abt 384.76m³

Diesel oil tanks: abt 274.54m³

Fresh water tanks: abt 871 m³

Anti heeling tanks: abt 456.54 m³

Water ballast tanks: abt 4524.58 m³

## 2. MAIN EQUIPMENT

Main engine: MAN/B&W 14V 32/40 2 × 6720KW @ 750rpm

Propellers: 2 × cpp

Rudders: 2 sets

Bow thruster: WKM KT-72B1 2 × 550KW

Stabilizers: JQ-6 China Shipbuilding Industry Corporation 704 Institute

Gear boxes: ZF W83100NC PT05

Aux Engine: MAN/B&W 9L 16/24 3 × 824KW

Shaft Generators: 2 × 792KW

Emergency Generators: 1FC6354-4SA42 1× 256KW

**3. LIFE SAVING EQUIPMENT**

Four closed lifeboats (capacity 260 persons)

Twelve 25 persons liferafts, davit launched and self-righting

Two 6 persons liferafts

Ten 100 persons liferafts ,throwing launched and self-righting

1349 lifejackets with lights including 58 children's

18 lifebuoys

**4. RORO ACCESS & AREA**

One bow door: 4.8m×4.8m (H×B)

One bow ramp: 14.57m×5.7m (L×B)

One stern door: 4.8m×6m (H×B)

One stern ramp: 17.00m×7.12m (L×B)

Two side passengers doors(P&st): 2.4m×1.5m (H×B)

One hoisting tilt ramp(from main deck to upper deck): 40m×3.5m (L×B)

One lift platform(from main deck to lower deck): 16.5m×3.5m (L×B)

Trailer lane meters: Upper deck = 739, Main deck = 808, Lower deck = 253

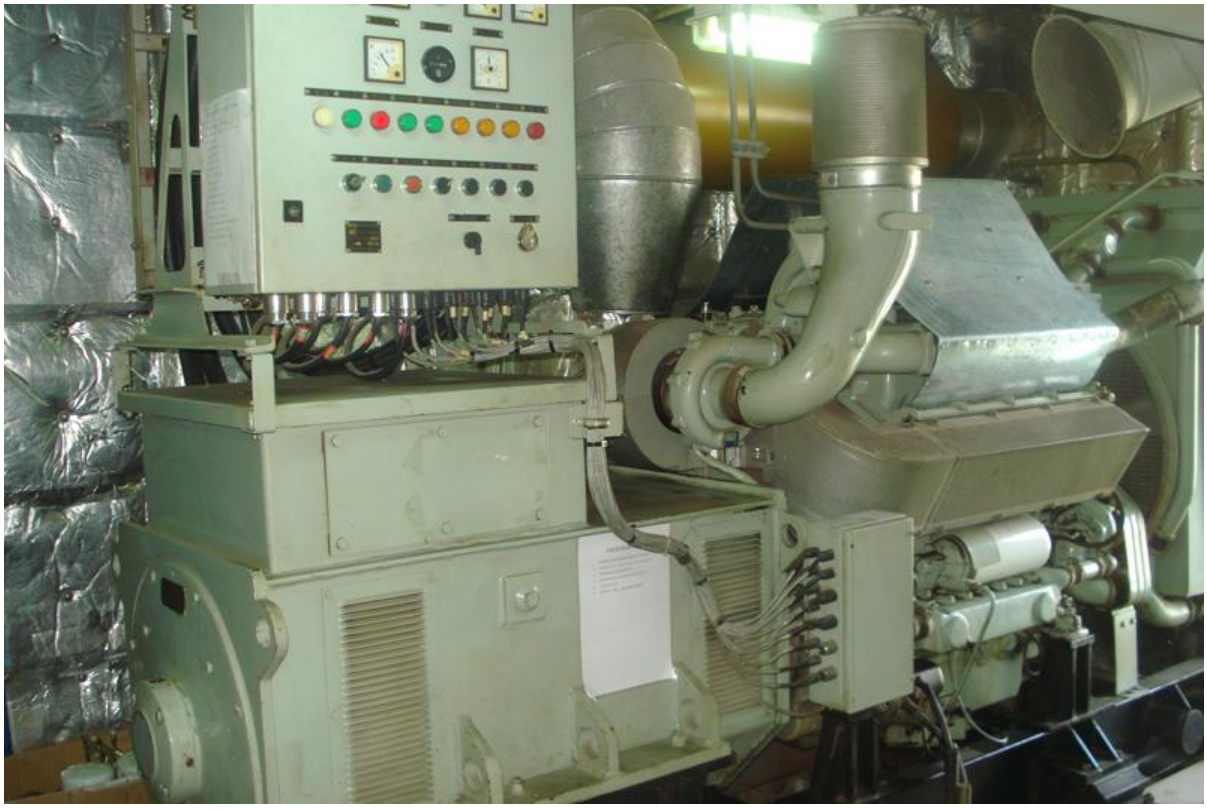
Free height: 4.2m / 4.4m / 4.7m

Deck loads: 2.44T/ $m^2$, 2.64T/ $m^2$, 2.84T/ $m^2$

## 5. Photos

**Wheelhouse**

**Hydraulic Control Room**



**Em'cy Generator**

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**Passenger Cabin**

**Deck**

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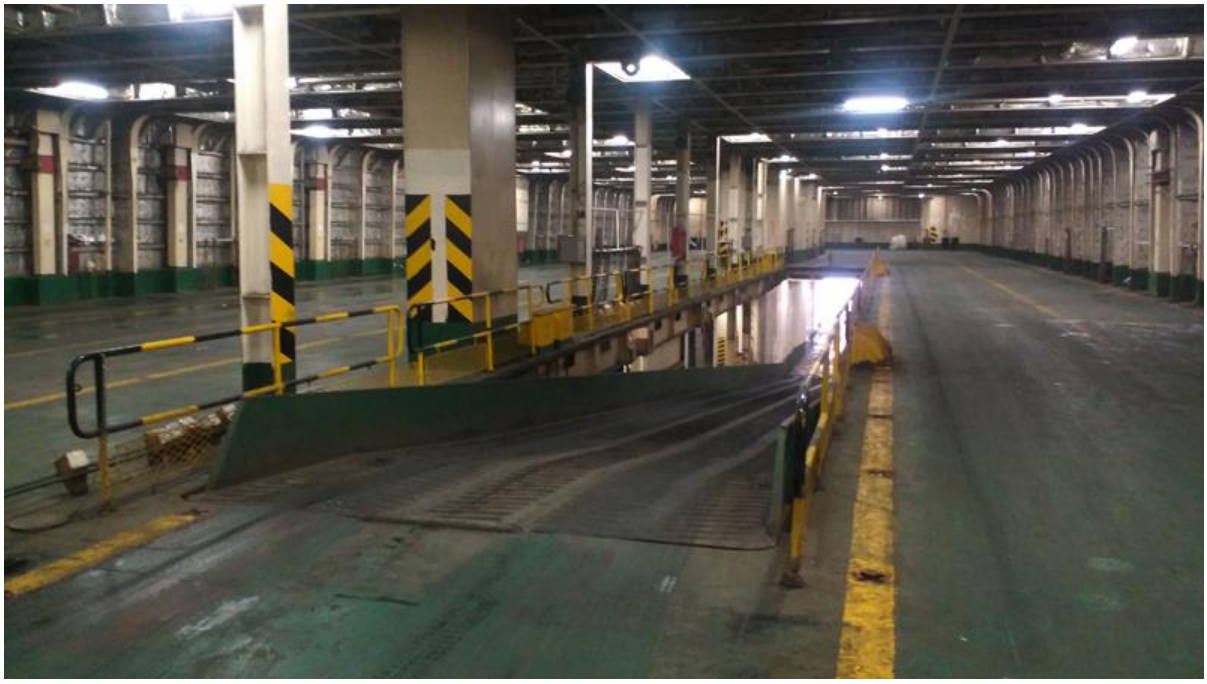

**Ro-Ro Area**

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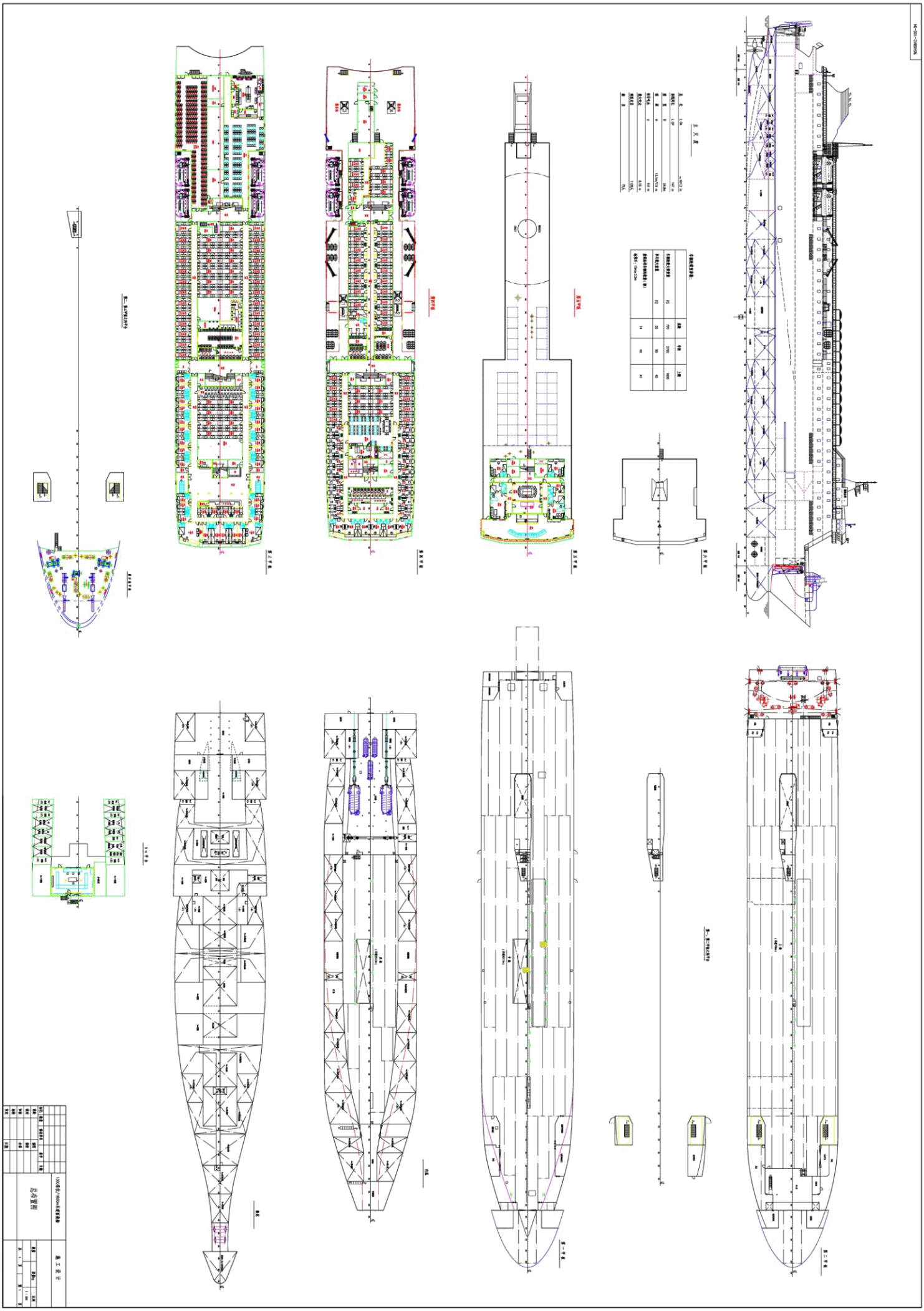

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