



GOL Raven | 280 Class PSV DPS-2

# SANSU MARINE

A Leader in **Specialized** Marine Solutions

📍 151 SE 1st Street, Miami, FL 33131 | ✉ [info@sansumarine.com](mailto:info@sansumarine.com) | ☎ +1 (833) 428-7427

## Dimensions and Documentation:

- **Length Overall:** 248.6 ft / 85.4 m
- **Beam:** 54 ft / 16.5 m
- **Depth:** 17.00 ft / 5.18 m
- **Max Draft:** 13.76 ft / 4.19 m
- **Min Draft:** 10.00 ft / 3.05 m
- **Gross Tonnage (ITC):** 1,842
- **Net:** 777
- **Year Built:** 2009
- **Flag:** US
- **Official Number:** 1219327
- **IMO:** 9563225
- **Classification:** ABS, A1 / Circle E / AMS / DPS-2, Subchapter L
- **Classification ID:** 09194110

## Performance and Machinery:

- **Speed (Maximum):** 11.5 knots
- **Cruising Speed:** 10.0 knots
- **Main Engines:** (2) Caterpillar 3516 Tier 2
- **Main Propulsion:** (2) Azimuthing propellers in Nozzle
- **Total Horsepower:** 5,365 BHP
- **Bow Thrusters:** (2) Rolls Royce, 1,440 BHP total
- **Main Generators:** (2) Caterpillar C18 Tier 2
- **Power Generation:** 460V / 60Hz / 3 Phase, 850 kW total

## Capacities and Discharge Rates:

- **Deadweight:** 2,694 LT / 2,738 Mt
- **Deck Strength:** 2.6 t/m<sup>2</sup> (540 lbs/ft<sup>2</sup>)
- **Drill/Rig Water:** 158,143 USG (598.6 m<sup>3</sup>)
- **Liquid Mud:** 10,698 bbls (1,700.8 m<sup>3</sup>)
- **Fuel:** 250,000 USG (946.4 m<sup>3</sup>)
- **Dry Bulk:** 6,000 ft<sup>3</sup> (169.9 m<sup>3</sup>)
- **Potable Water:** 72,738 USG (275.3 m<sup>3</sup>)
- **Cargo Deck Area:** 195.0 ft x 44.0 ft = 8,580 ft<sup>2</sup>
- **Discharge Rate:** 400 GPM (90.8 m<sup>3</sup>/hr)
- **Discharge Rate:** 700 bbl/hr (111.3 m<sup>3</sup>/hr)
- **Discharge Rate:** 400GPM (90.8 m<sup>3</sup>/hr)
- **Discharge Rate:** 100 psi bar

## Accommodations and Special Features:

- 7 air-conditioned/heated staterooms
  - **Total berthing:** 25 persons
  - **Layout:**
    - 1 stateroom for 1 person
    - 2 staterooms for 2 persons each
    - 2 staterooms for 4 persons each
    - 2 staterooms for 6 persons each
  - (2) FFS Electronic Remote-Controlled Water Monitors
  - Water Capacity: 5,284 GPM @ 400 ft
- SPECIAL FEATURES**
- Sentinel Engine Alarm
  - Rescue Boat
  - Electronic Welding Machine
  - Blackout Prevention System (Rolls Royce BPS System)

## Electronics:

- (2) Furuno FR-8122, Furuno GP-37, Furuno FS-1503, (2) Furuno FM-8800S, Furuno FA-150, Furuno FE-700, Furuno RC-1815, CyScan, RadaScan, Beier IVCS 2000 DP2, Microsoft Office, GDS iDirect VSAT, Maptech Navigator Pro



SANSU **MARINE**

A Leader in **Specialized**  
Marine Solutions



151 SE 1st Street, Miami, FL 33131



+1 (833) 428-7427



info@sansumarine.com



SANSU MARINE

A Leader in **Specialized**  
Marine Solutions



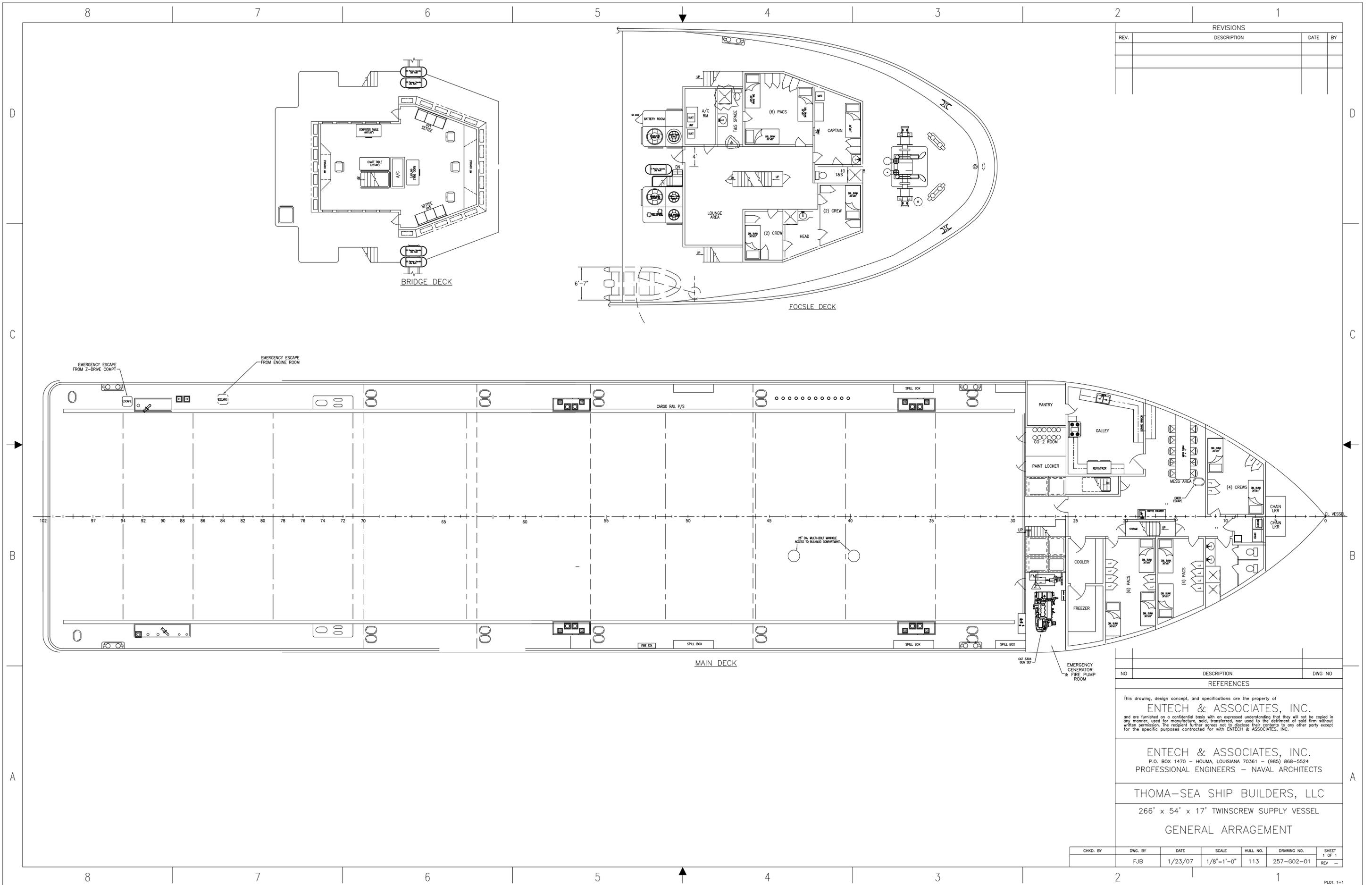
151 SE 1st Street, Miami, FL 33131



+1 (833) 428-7427



info@sansumarine.com



REVISIONS			
REV.	DESCRIPTION	DATE	BY

NO	DESCRIPTION	DWG NO
REFERENCES		
This drawing, design concept, and specifications are the property of <b>ENTECH &amp; ASSOCIATES, INC.</b> and are furnished on a confidential basis with an expressed understanding that they will not be copied in any manner, used for manufacture, sold, transferred, nor used to the detriment of said firm without written permission. The recipient further agrees not to disclose their contents to any other party except for the specific purposes contracted for with ENTECH & ASSOCIATES, INC.		
<b>ENTECH &amp; ASSOCIATES, INC.</b> P.O. BOX 1470 - HOUMA, LOUISIANA 70361 - (985) 868-5524 PROFESSIONAL ENGINEERS - NAVAL ARCHITECTS		
<b>THOMA-SEA SHIP BUILDERS, LLC</b> 266' x 54' x 17' TWINSCREW SUPPLY VESSEL <b>GENERAL ARRANGEMENT</b>		

CHKD. BY	DWG. BY	DATE	SCALE	HULL NO.	DRAWING NO.	SHEET
	FJB	1/23/07	1/8"=1'-0"	113	257-G02-01	1 OF 1

PLOT: 1=1