

HAVFRAM HOLDING AS

SUBSEA CONSTRUCTION AND  
OFFSHORE OPERATIONS

Our core competence is Subsea Construction, delivering high end assets and services such as engineering, management and procurement to perform robust offshore operations in a safe and efficient manner.



## NORMAND FRONTIER SUBSEA CONSTRUCTION VESSEL

The Normand Frontier is a state-of-the-art DP2 subsea construction support vessel with high capabilities.

The vessel is equipped with two Remotely Operated Vehicles (ROVs) (launch over side and through moon pool) and a 250Te Active Heave Compensation (AHC) crane.

The vessel is designed to operate efficiently under demanding conditions and is purpose built for subsea construction support operations.

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## CSV NORMAND FRONTIER

### VESSEL MAIN PARTICULARS

Owner	Solstad AS
Design	STX OSCV 03
Classification	DNV 1A1 ICE-C SPS SF COMF- V(3)C(3) HELDK-SH CRANE E0 DYNPOS-AUTR NAUT-AW CLEAN DESIGN Recyclable DK(+) BIS TMON
Built	2014, VARD Aukra Yard,

### ACCOMMODATION

Total number of bunks	10
1-man cabins	40
2-man cabins	30

### PRINCIPAL DIMENSIONS

Length overall	120.85 m
Length between p.p	111.59 m
Breadth	29.4 m
Draught loaded	6.625 m
Deadweight	4 750 Te
Gross tonnage	8 973 Te

### CAPACITIES

Fuel oil	1 750 m <sup>3</sup>
Potable water	953 m <sup>3</sup>
Deck space	1 300 m <sup>3</sup>
Deck strength	3 500 Te

### DECK CRANES

Main crane	250 Te AHC (main winch) 20 Te AHC (aux winch)
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### DYNAMIC POSITION SYSTEM

DP classification	DYNPOS-AUTRO DP Class 2
Reference Systems	2 x HIPAP 2 x DGPS 1 x Cyscan 1 x Radius 2 x Seapath Lightweight taught wire 500m

### ROV

The vessel is equipped with 2x Schilling HD's, which incorporates high strength-to-weight ratio frame design that enables a very high specification within a compact footprint.

### COMMUNICATION

Vessel communication according to class/flagstate requirements  
Dual VSAT system for phone and electronic communication

### HELICOPTER DECK

26m diameter, 16 Te