

# C.S. CLIPPER

## OVERVIEW

The C.S. Clipper is a DP-2 class vessel, capable of undertaking subsea cable installation, repair and maintenance projects. The vessel is fitted with two main cable tanks and one spare cable tank, designed to carry up to 5000 tonnes of telecoms cable. Deck equipment includes two cable engines, A Frame, tow winch, and a deep water plough with 3m burial capability.

## VESSEL

<b>Builders</b>	Ulstein Verft As
<b>Date built</b>	2001
<b>Flag</b>	Gibraltar
<b>Class</b>	+1A1, SF, EO, DYNPOS-AUTR, TMON, CRANE, HELDK, BWME(C)
<b>Length overall</b>	127.5m
<b>Breadth moulded</b>	27m
<b>Designed draft</b>	8.41m
<b>Gross tonnage</b>	11,629t
<b>Maximum speed</b>	14 knots
<b>Main engines</b>	4
<b>Bow thruster</b>	3
<b>Stern thruster</b>	2
<b>DP system</b>	Kongsberg DP2
<b>Berths</b>	96
<b>Bollard pull</b>	100t (static)

## FUEL

**Fuel capacity** 3350 m<sup>3</sup> MGO

## COMMUNICATIONS

1 x VSAT MARLINK iDirect  
2 x Satcom C

## CABLE TANKS

<b>Main cable tanks</b>	2 x main tanks
<b>Outer diameter</b>	19m
<b>Cone external diameter</b>	3m
<b>Maximum load per tank</b>	2,500t
<b>Wing tank</b>	1
<b>Internal diameter</b>	8m
<b>Cone outer diameter</b>	3m
<b>Maximum load</b>	250t

## DECK MACHINERY

<b>A frame</b>	60 tonnes SWL
<b>Tow winch</b>	110 tonnes SWL
<b>Deck Cranes</b>	25 tonnes SWL (stern), main crane

## CABLE MACHINERY

<b>Drum engine</b>	30 tonnes SWL, 4m diameter
<b>Linear cable engine</b>	21 wheel pair

## PLOUGH SYSTEM

<b>Trench depth</b>	3.00m max
<b>Tow force</b>	80 tonnes max
<b>Water depth</b>	1,500m max