



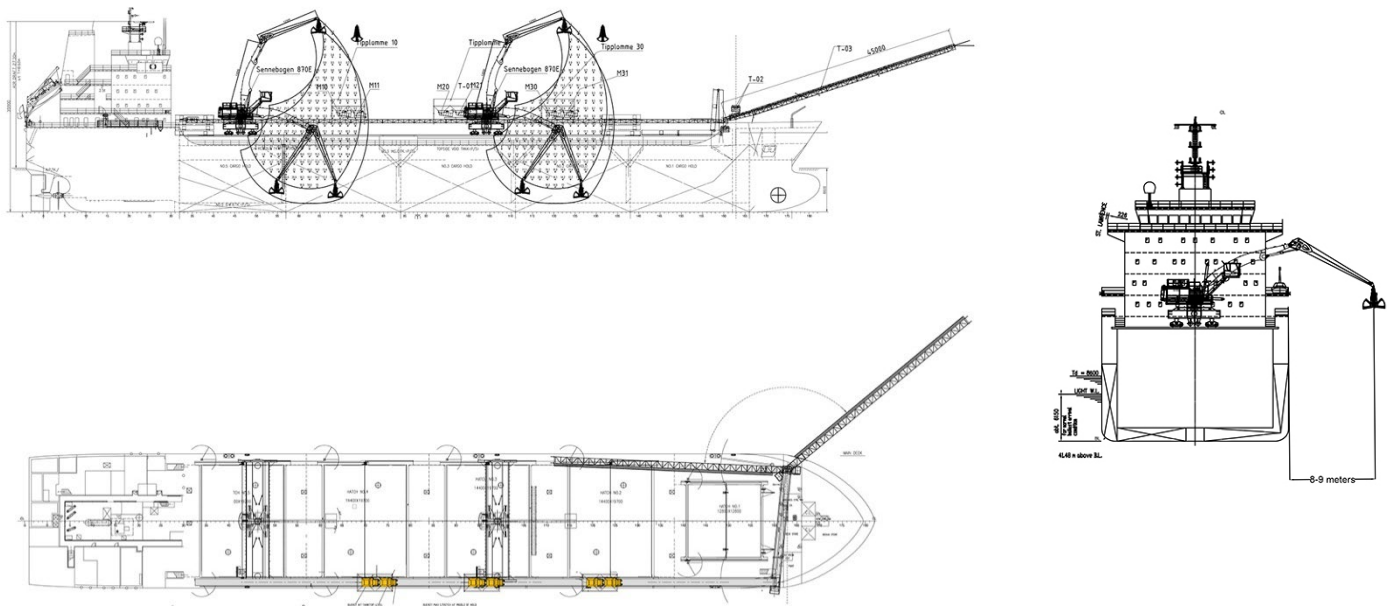
## TECHNICAL SPECIFICATION

Built	2012
Classification	DNV +1A General Dry Cargo Ship, BIS, E0, Ice(1C), TMON (oil lubricated)
Length Overall	149.96 metres
Breadth Moulded	23.60 metres
Depth Moulded	12.50 metres
Total Hold Capacity	22,192.40 cubic metres
Deadweight (DWT)	18,003 tonnes
Draft (Summer)	9.161 metres
Gross Tonnage	13,579 tonnes
Net Tonnage	5,409 tonnes
Holds   Hatches	5
Length of Boom	45 m total   42.34 m from port side
Discharge Rate	500 - 600 tonnes/hour
Bow Thruster	600 kW
Excavator Outreach	Abt 8 metres from shipside

*CSL Flexvik* is a hybrid self-unloading vessel equipped with gantry-mounted electric excavators offering the flexibility to service both industrial and project-based operations. Purpose-built for versatility, the vessel is capable of handling rock of all gradings, from sand to armour rock.

The vessel is fitted with two Sennebogen 870 electric excavators, enabling self-loading and self-discharge capabilities. Its integrated deck hoppers and discharge boom allow for efficient single-point discharge, enabling direct offloading to shore-based stockpiles, hoppers, or trucks. It can also tranship material to another vessel, such as feeding a rock installation barge.

In addition to boom discharge, the excavators are capable of direct discharge and can handle armour rock ranging from 1 to 3 tonnes.



## DRAFT AND DEADWEIGHT

MARKS	Freeboard (mm)	Draft (metres)	Displ. (tonnes)	DWT (tonnes)
TF	2,980	9.552	26,843	19,257
F	3,171	9.361	26,230	18,643
T	3,180	9.352	26,201	18,614
S	3,371	9.161	25,590	18,003
W	3,562	8.970	24,982	17,395

## PRINCIPAL DIMENSIONS

DESCRIPTION	Metres
Length Overall	149.96
Length B.P.	140.80
Breadth	23.60
Depth	12.50

## HOLD CAPACITIES (CUBIC METRES)

COMPARTMENT	Cubic, VNET
Capacity (RHO = 1,000kg/m <sup>3</sup> )	m <sup>3</sup>
Hold # 1	3,445.90
Hold # 2	4,744.90
Hold # 3	4,744.90
Hold # 4	4,793.10
Hold # 5	4,463.40
Net Hold Capacity	22,192.40

## HATCH DIMENSIONS (METRES)

	Length	Width	Height
Hold # 1	12.80	12.80	14.45
Hold # 2	14.40	19.70	14.45
Hold # 3	14.40	19.70	14.45
Hold # 4	14.40	19.70	14.45
Hold # 5	14.40	19.70	14.45

All specifications are given in good faith but without guarantee.