



Canfornav Inc.

A member of the Canadian Forest Navigation Group



M/V Barnacle - Dimensions & Particulars

Built 2009, Shanhaiguan Shipyard, China

Call Sign: 5BNK2

Type: SDSTBC - Lakes fitted

Class: Germanischer Lloyd 100 A5 E1

IMO #: 9409742

Main Dimensions

DWT:	30,803MT
GT:	19,814MT
NT:	10,208MT
LOA:	185M
Beam:	23.7M
DM:	14.6M
Draft (SSW):	10.416M
Airdraft:	37.4M (Without holds flooded but fully ballasted)

Hold Capacities (Grain / Bale) M3

Hold 1:	4,662.8	4,579.1
Hold 2:	7,675.2	7,475.6
Hold 3:	7,400.4	7,218.1
Hold 4:	6,241.6	6,217.7
Hold 5:	7,397.2	7,219.3
Hold 6:	5,257.7	5,201.1
Total:	38,634.9	37,910.9

Hold Dimensions

Hold 1:	19.20M x 15.40M FWD / 20.00M AFT
Hold 2:	23.70M x 20.00M
Hold 3:	21.40M x 20.00M
Hold 4:	22.90M x 20.00M
Hold 5:	21.40M x 20.00M
Hold 6:	20.00M x 19.20M FWD / 7.50M AFT

Hatch Dimensions

Hatch 1:	10.4M x 13.2M
Hatch 2:	19.2M x 17.4M
Hatch 3:	19.2M x 17.4M
Hatch 4:	16.0M x 17.4M
Hatch 5:	19.2M x 17.4M
Hatch 6:	13.6M x 17.4M
Type:	MacGregor high stowing & folding, operated by external hydraulic cylinders.

Machinery & Consumption

Engine:	STX Man B&W 6S46MC-C 7,200KW / 9,655BHP @ 118.2RPM
Speed:	ABT 13.5KT
Consumption:	ABT 25.5MT IFO 380 CST at sea / ABT 2.5MT idle / 4MT working in port.
Bowthruster:	900KW / 1,224BHP
Gear:	3 x 30MT

All details are given in good faith, but without guarantee.