

# NEDERLAND STREAM

645,586 cbft / 7,565 sqm / 8,610 pallets



## General

Built	December-1991	International	<b>GT</b> 13,049.00	<b>NT</b> 5,353.00
Flag	Bahamas	Panama Canal		10,877.00
Port of Registry	Nassau	Suez Canal		10,958.59
Callsign	C6KD6			
IMO/Lloyds nr	9015199		<b>Draft</b>	<b>DWAT</b>
Length over all [m]	158.13	Tropical	10.22	14,542
Beam [m]	24.40	Summer	10.02	13,930
Depth [m]	15.70	Winter	9.81	13,323
Bowthruster(s)	-			
		Permanent Ballast		1,400

## Reefer

Holds	4
Hatches	4
Compartments	18
Minimum Deckheight [m]	2.25 (excl local areas).
Allowable weight of forklift including cargo	maximum 7 mt (Forklift to be equipped with minimum 4 non hard rubber airtyres)
Temperature zones	7
Cooling sections	1A - 1B - 1C - 2A - 2B - 2C - 2D - 2E - 3A - 3B - 3C - 3D - 3E - 4A - 4B - 4C - 4D - 4E
Temperature range [dC]	-29/+15
Air circulations [/hr]	30 / 60 / 90
Air renewals [/hr]	2
USDA equipped	Yes, valid until 01-July-2024
Controlled Atmosphere	CA pre-piped
Modified Atmosphere	No equipment on board



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## Classification Details

Classification Society	Bureau Veritas (BV)
Main Class symbols	I, +Hull, +Mach
Service Notations	Refrigerated Cargo ship
Navigation Notations	Unrestricted navigation
Additional Class Notations	+AUT-UMS(SS), +ALP(SS)
Machinery	+MACH
Equivalent Finnish/Swedish	
Ice Strengthening	-

## Reefer Compartment Capacity Breakdown

	Hold 1		Hold 2		Hold 3		Hold 4		Total	
	Cbft	Sqm	Cbft	Sqm	Cbft	Sqm	Cbft	Sqm	Cbft	Sqm
A	39,492	404.00	45,040	494.00	42,744	481.00	43,741	494.00	171,017	1,873.00
B	29,456	319.00	40,347	480.00	40,075	485.00	41,537	501.00	151,415	1,785.00
C	24,222	242.00	36,544	445.00	38,712	484.00	40,072	505.00	139,550	1,676.00
D			33,605	395.00	39,538	478.00	40,471	475.00	113,614	1,348.00
E			20,662	260.00	26,352	332.00	22,976	291.00	69,990	883.00
<b>Total</b>	<b>93,170</b>	<b>965.00</b>	<b>176,198</b>	<b>2,074.00</b>	<b>187,421</b>	<b>2,260.00</b>	<b>188,797</b>	<b>2,266.00</b>	<b>645,586</b>	<b>7,565.00</b>

Hold 1-4 Legend

Non insulated Deck, air passes through (aka Spar Deck)

Insulated, air tight Deck or Tanktop

Non Insulated, air tight Deck

## Hatch sizes

	Hold 1	Hold 2	Hold 3	Hold 4
	l x b	l x b	l x b	l x b
Deck	13.70 x 10.70	13.70 x 10.70	13.70 x 10.70	13.70 x 10.70
A	13.70 x 10.70	13.70 x 10.70	13.70 x 10.70	13.70 x 10.70
B	13.70 x 5.60	13.70 x 10.50	13.70 x 10.50	13.70 x 10.50
C		13.70 x 10.70	13.70 x 10.70	13.70 x 10.70
D		13.70 x 10.70	13.70 x 10.70	13.70 x 10.70



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Container Carrying Capacity		Max FEU's	Add. TEU's	Max TEU's	Add. FEU's
<u>On Weather Deck and Hatches</u>					
Empty Positions	Standard	170	0	332	0
Max Stackweight	Standard	150	0	300	0
Max Stackweight - Self-sustained	Standard	146	0	292	0
Empty Positions	High Cube	164	0	0	0
Max Stackweight	High Cube	144	0	0	0
Max Stackweight - Self-sustained	High Cube	140	0	0	0
<u>Reefer Hold</u>					
Empty Positions	Standard	70	0	140	0
Max Stackweight	Standard	70	0	140	0
Max Stackweight - Self-sustained	Standard	70	0	140	0
Empty Positions	High Cube	54	0	0	0
Max Stackweight	High Cube	54	0	0	0
Max Stackweight - Self-sustained	High Cube	54	0	0	0

'Max Stackweight' and 'Max Stackweight - Self-sustained' are the number of laden containers that can be loaded basis the maximum stackweight, calculating 26 mt gross for a laden FEU and 14 mt gross for a laden TEU  
Above figures are as per vessel's technical layout. Actual container intake is subject to master's approval and depending on stability, stackweight and visibility.

## Standard Voyage Container Carrying Capacity

Nr of High Cube (9.5') Reefers 144  
of which Self-sustained 140

'Standard Voyage' = voyage from Panama Canal to Rotterdam, with a full cargo of bananas in the holds and departing with full bunker tanks. Containers on this voyage are considered to weigh 26 mt gross.

## Reefer Plugs

Nr. of electrical Reefer Plugs 147

## General Note Container Carrying Capacity

3rd tier on deck in bay 10 is not self-sustained.

2nd tier on deck in bay 10 is only self-sustained if the vertical height of the spreader is less than 3.5 meters from hook till spreader.

## Cargo Gear

2 Cranes x 36.0 mt or 8.0 mt in high speed modus

2 Cranes x 20.0 mt or 1 x 40.0 mt in Twin



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## Bunker Tank Capacities

	<u>Cbm (100%)</u>	<u>Cbm at max filling level*</u>	<u>mt**</u>
ULS	572	543	538
VLS	1,467	1,344	1,332
<b>Total bunker capacity for RMG380 (IFO380)</b>	<b>2,039</b>	<b>1,887</b>	<b>1,870</b>
ULS	95	90	78
<b>Total bunker capacity for DMA (MGO)</b>	<b>95</b>	<b>90</b>	<b>78</b>

\*) Vessel shall not mix bunkers from different bunkerings in 1 bunker tank. This may reduce the actual bunker capacity.

\*\*) Capacity in mt serve as indication only. Actual capacity in mt depending on the specific gravity and temperature of the supplied bunkers.

Vessel to be solely supplied with fuels minimal as per ISO 8217:2017 or any subsequent amendment thereof. All supplied fuels shall be suitable to enable main propulsion and auxiliary machinery to operate efficiently and without harmful effects and in line with any national and/or international requirements. Fuels to be mineral based products and shall not contain waste lubricants (ULO), chemicals or any other harmful substances and shall be of homogenous and stable nature. Charterers to buy and arrange bunkers only from qualified suppliers and/or from majors and carry out their own quality checks as deemed necessary for their control. Bunkers supplied in Amsterdam/Velsen/Beverwijk/IJmuiden region must have an origin from a major supplier (BP/Shell/Exxon); products sourced from Glencore or Trafigura are explicitly excluded.

Charterers warrant that whenever bunkers are ordered for the vessel, the order not to put a lien on the vessel and explicitly request "The Products shall not include waste chemicals, waste lubricants and/or other non-fuel components."

BIMCO Bunker Fuel Sulphur Content clause for Time Charter parties 2004 to apply.

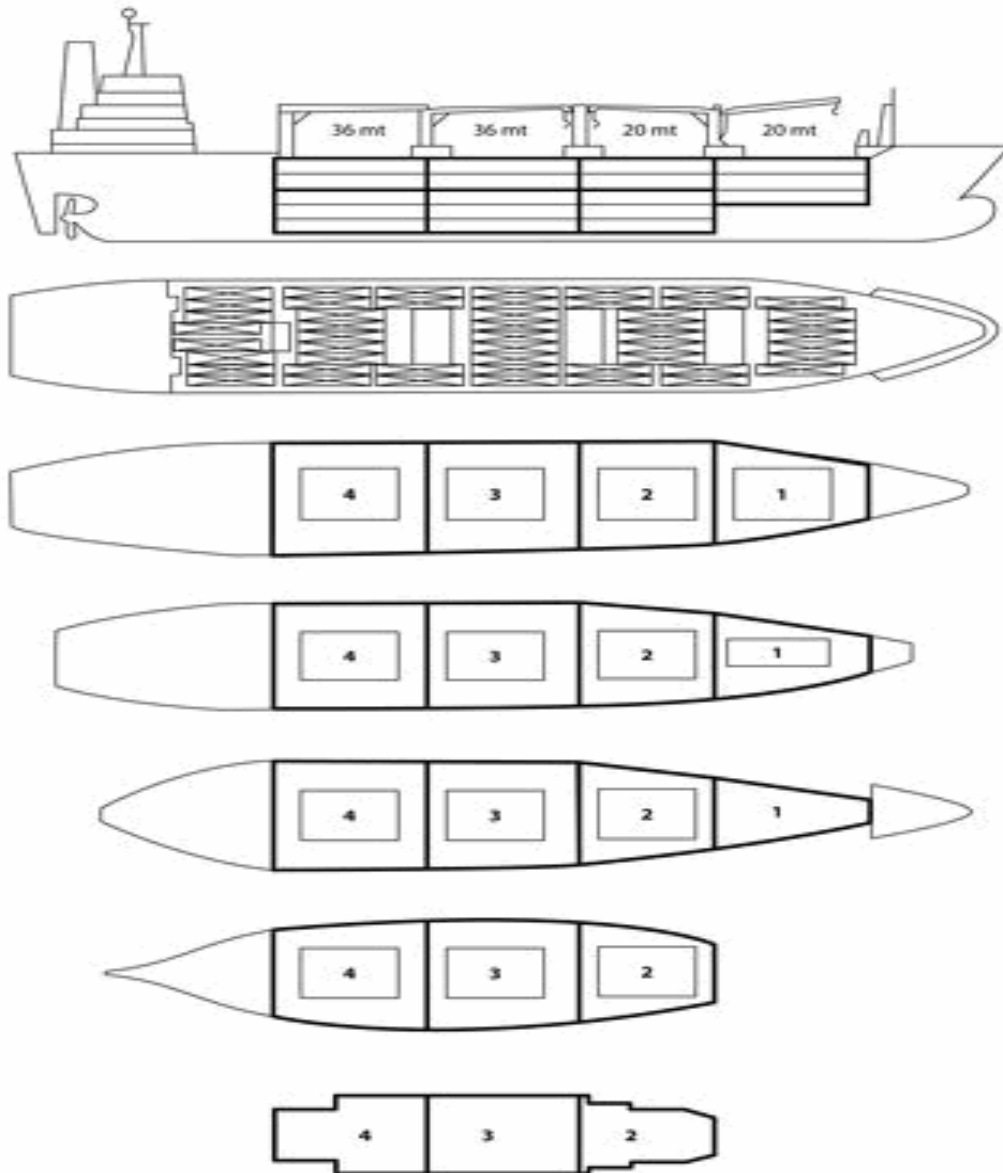
If vessel is redelivered in an ECA area, Charterers warrant that vessel will be redelivered with sufficient bunkers suitable for consumption as per the requirements of the relevant ECA area to reach a port or place where suitable bunkers may be supplied.

Vessel participates in fuel testing program. Samples are taken during each fuel from each supplied grade. Costs involved to be equally shared between Owners and Charterers. Vessel shall not consume any supplied fuel without having received full fuel analysis report confirming the fuel's



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## General Remarks

- Pallet Intake figures are indication only. The figures are based on a stowage factor of 1.32 pallet/sqm in reefer holds, full load of reefer containers based on the standard voyage with 20 pallets in each container

