

# NEDERLAND STREAM

645,586 cbft / 7,565 sqm / 8,611 pallets



## General

Built	December-1991	International	<b>GT</b>	<b>NT</b>
Flag	Bahamas	Panama Canal	13,049.00	5,353.00
Port of Registry	Nassau	Suez Canal		10,877.00
Callsign	C6KD6			10,958.59
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]	
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 30-April-2023
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

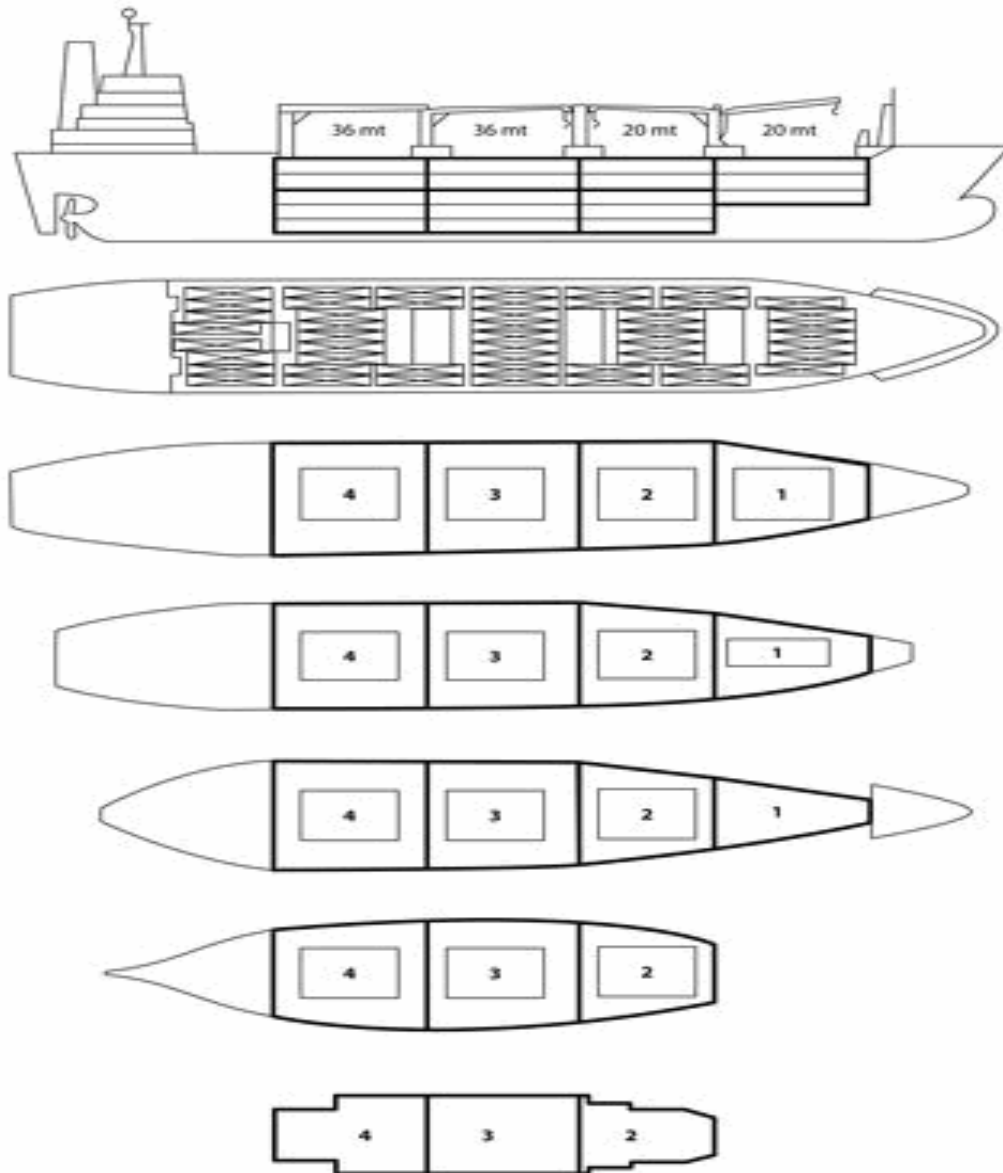
2 Cranes x 36.0 mt or 8.0 mt in high speed modus

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



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## 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

