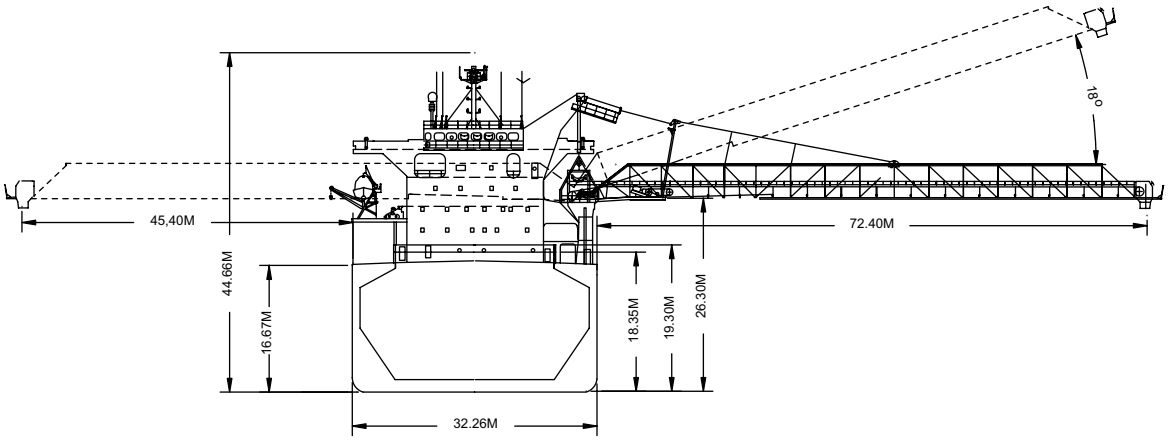
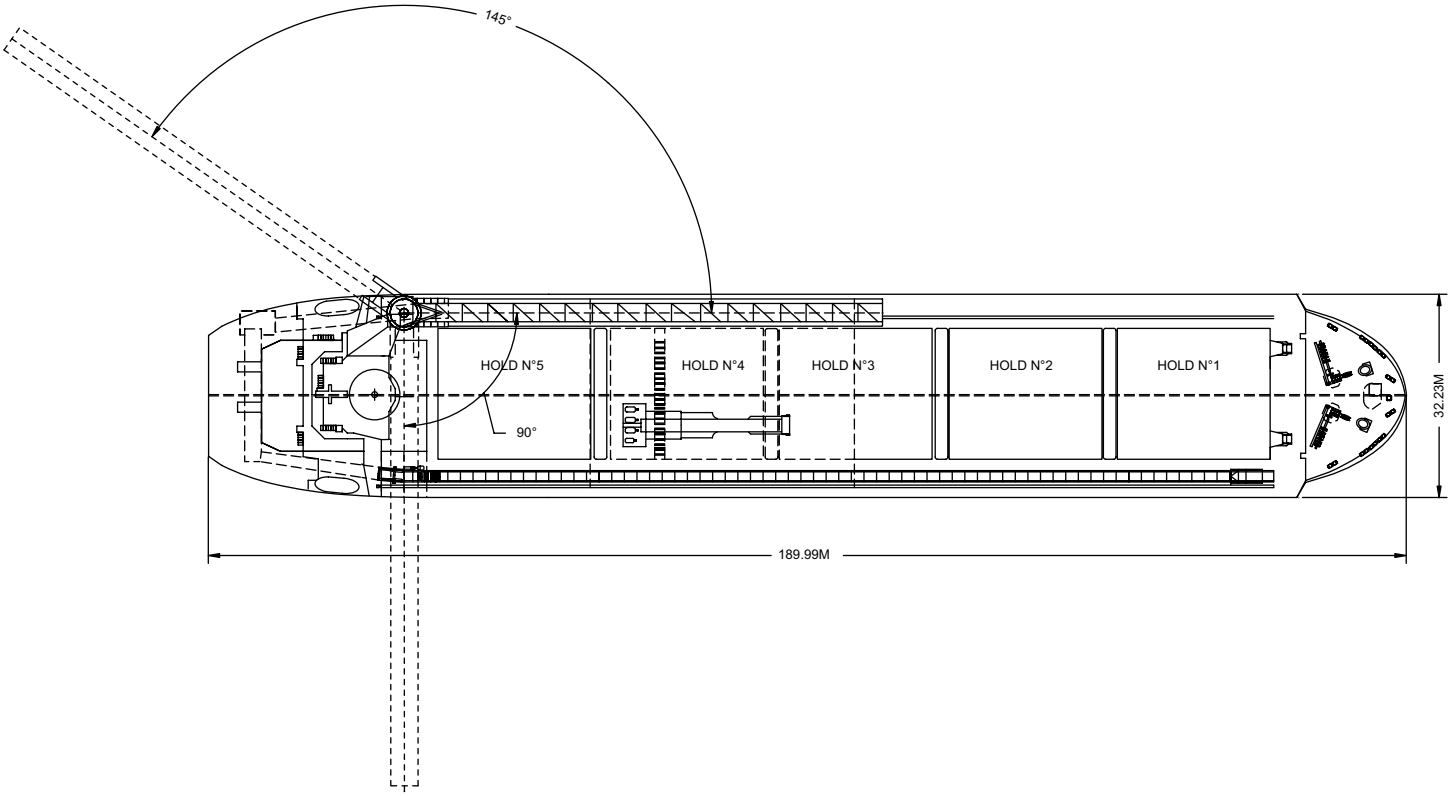
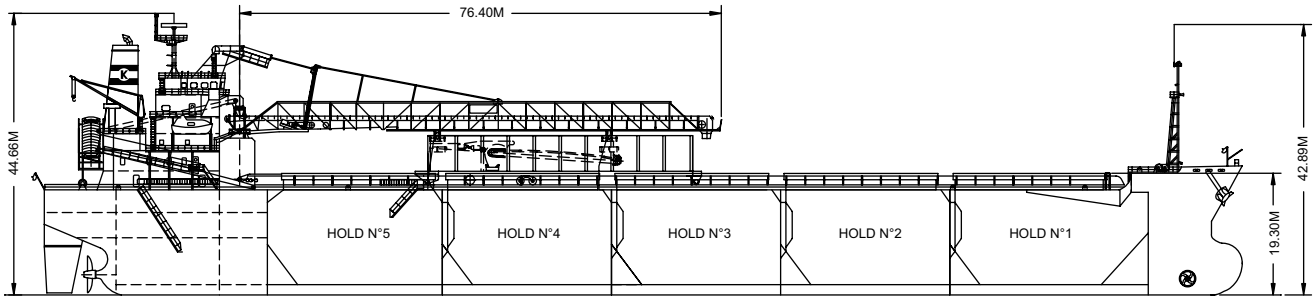
VENTURE

Built	2002
Classification	DNV +1A1
Length Overall	189.99 metres
Breadth Moulded	32.26 metres
Depth Moulded	16.67 metres
Total Hold Capacity (including hatches)	55,904 cubic metres
Deadweight	48,184 tonnes
Draft	11.724 metres
Gross Tonnage	30,739 tonnes
Net Tonnage	14,515 tonnes
Bow Thruster	1,500 kW
Length of Boom	76.40 metres
Discharge Rate	1,875 tonnes/hr

VENTURE







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Air Drafts

(metres)

Draft Condition	Stem	Foremast	Hatches			Main Mast		Funnel	Stern	Other Obstruction*	Maximum
			Forward	Midship	Aft	Deployed	Lowered				
Keel	20.71	42.89	19.40	19.40	19.40	44.66	N/A	41.80	16.71	N/A	44.66
Light Ship	20.15	42.39	19.03	16.89	21.71	40.56	N/A	37.49	11.72	N/A	40.56
Normal Ballast 50% Bunker	14.11	36.92	14.96	12.20	15.61	37.95	N/A	34.74	8.53	N/A	37.95
Fully Loaded 50% Bunker	8.99	31.17	7.68	7.68	7.68	32.94	N/A	30.08	4.99	N/A	32.94

Hatch and Hold Specifications

Hold Number	1	2	3	4	5	6	7	TOTAL
Hold Volumes *(cubic metres)*								
Cubic	10,485	10,550	10,549	10,539	10,606			52,729
Maximum Grain	11,120	11,185	11,184	11,174	11,241			55,904
Grain in way of Hatch	635	635	635	635	635			3,175
Hold Openings *(metres)*								
Number of Openings	1	1	1	1	1			5
Opening Length	24.0	24.0	24.0	24.0	24.0			
Opening Width	20.5	20.5	20.5	20.5	20.5			
Coaming Height above Keel	19.3	19.3	19.3	19.3	19.3			
Hatch Information *(metres)*								
Description	Folding	End Rolling	End Rolling	End Rolling	End Rolling			
Operation	Hydraulic	Hydraulic chain winch	Hydraulic chain winch	Hydraulic chain winch	Hydraulic chain winch			
Hatch Length	6.0412 m x 4	24.165 m	24.165 m	24.165 m	24.165 m			
Hatch Width	20.64 m	20.64 m	20.64 m	20.64 m	20.64 m			
Hatch Top Height above Keel								

Cargo Handling Equipment

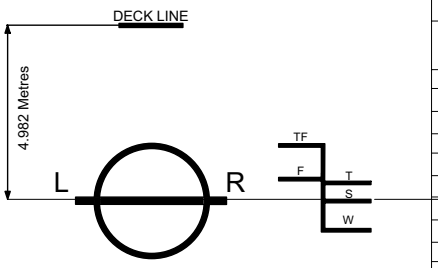
- Self Discharging Equipment: Top reclaiming continuous unloading unit (BR-unit); maximum elevator speed: 1.75 m/s, 2 pay loaders for trimming in cargo holds
- Garage Size: L 43.1 m, B 28.4 m, H 7.91 m; conveyor belts: width 1600 mm, speed 3.9 m/s
- Boom Conveyor: Length 76.40 m, Luffing 4-14 degrees, Slewing range: port 140 degrees, stbd 90 degrees
- Conveyor System: one longitudinal conveyor, one transfer, one cross conveyor, one incline conveyor, one boom conveyor
- Camera Locations: top boom structure, in the chute, and top reclaimer.
- Dust Suspension System: water spray system in the end of the conveyor belts and end of the telescopic chute.
- Top Reclaiming Continuous Unloading Unit (BR - unit) maximum elevator speed: 1.75 m/s

Speed | Consumption

	Speed		Consumption		
	Loaded	Ballast	Loaded	Ballast	Port
At Sea	13.00	13.50	25.00	24.00	N/A
Loading					2.50
Discharge					4.80

VENTURE

VENTURE



DEADWEIGHT SCALE

DRAFT				DISPLACEMENT	TPC	DEADWEIGHT	DRAFT	
Sea Water		Fresh Water					Sea Water	
(metre)	(feet)	(metre)	(feet)	(tonnes)	(tonnes)	(tonnes)	(feet)	(metre)
			42		55			
	40		40	60,000		50,000	40	
12		12						12
	38		38		54		38	
11		11		50,000		40,000		11
	36		36		53		36	
	34		34				34	
10		10						10
	32		32		52		32	
	30		30	40,000		30,000	30	
9		9						9
	28		28		51		28	
8		8						8
	26		26				26	
	24		24	30,000		20,000	24	
7		7			50			7
	22		22				22	
6		6						6
	20		20				20	
	18		18	20,000	49	10,000	18	
5		5						5
	16		16				16	
	14		14		48		14	
4		4						4
	12		12	10,000	47		12	
3	10	3	10		46		10	3
	8		8				8	
2		2						2
	6						6	

Light Ship
9,715 tonnes

ASSIGNED DRAFTS			
Season	Draft (metre)	Displ. (tonnes)	DWT (tonnes)
TF	12.24	59,206	49,491
F	11.99	57,905	48,190
T	11.97	59,228	49,513
S	11.72	57,899	48,184
W	11.48	56,574	46,859

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All specifications are given in good faith but without guarantee.