

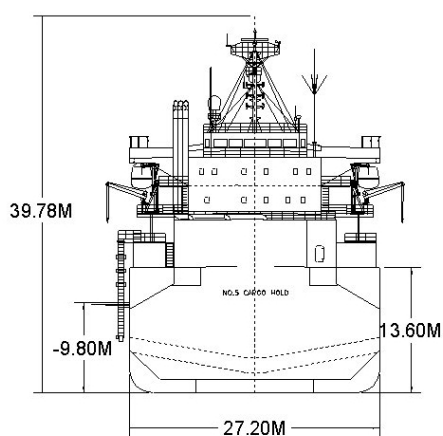
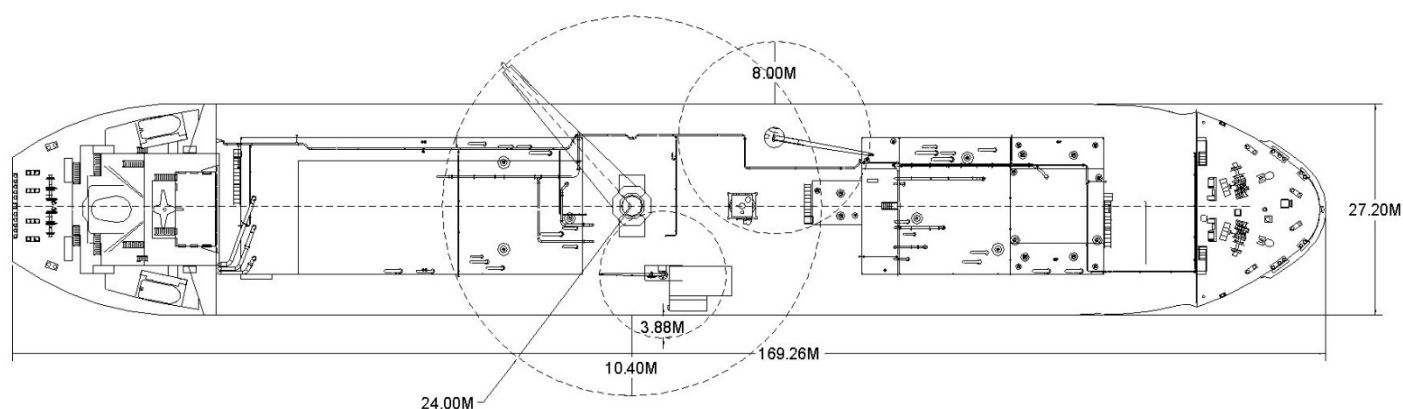


TECHNICAL SPECIFICATIONS

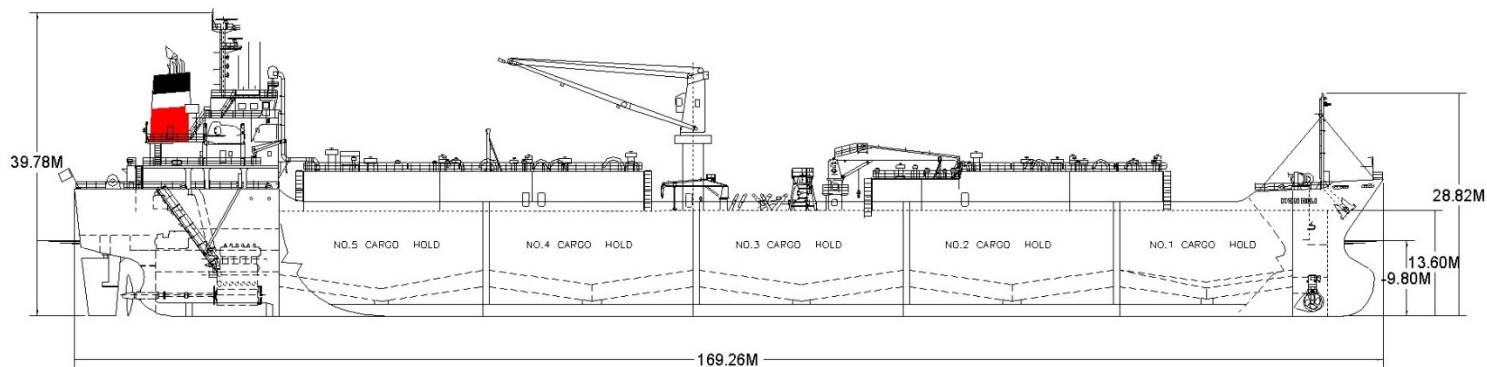
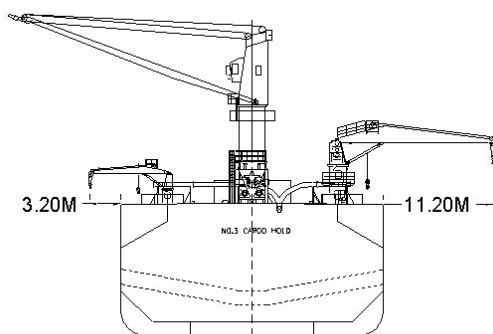
Built	2006 (converted to pneumatic cement carrier in 2018)
Classification	ABS ✕A1, E, ✕AMS, ✕ACCU, UWILD, RW, BWT with description 'Cement Carrier'
Length overall	169.26 metres
Breadth Moulded	27.20 metres
Depth Moulded	13.60 metres
Total Hold Capacity	26,778 cubic metres
Deadweight – Summer	26,730.93 tonnes
Draft	9.78 metres
Gross Tonnage	17,804 tonnes
Net Tonnage	7,225 tonnes
Bow Thruster	1,300 kW
Discharge Rate (maximum)	1,000 tonnes/hour

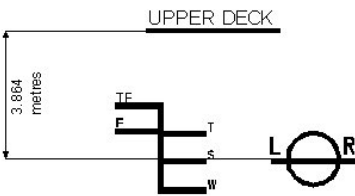
The pneumatic cement carrier *MV Kondili* carries cement and fly ash.

MV Kondili was converted from a handy size bulk carrier to a cement carrier in 2018.



ASSIGNED DRAFT			
Season	Draft (metre)	Displ. (tonnes)	DWT (tonnes)
TF	10.20	35,342	27,519
F	10.00	34,558	26,735
T	9.98	35,375	27,552
S	9.78	34,554	26,731
W	9.58	33,762	25,939





lightship 7823 t

DEADWEIGHT SCALE - MV KONDILI									
DRAFT				DISPLACEMENT (tonnes)	TPC (tonnes)	DEADWEIGHT (tonnes)	DRAFT		
Sea Water		Fresh Water					Sea Water		
(metres)	(feet)	(metres)	(feet)				(feet)	(metres)	
10	36	11	36	35,000	40.0	30,000	36	10	
	34		34				34		
	32		32				32		
9	30	9	30	30,000	39.0	25,000	30	9	
	28		28				28		
	26		26				26		
8	26	8	26	25,000	38.0	20,000	26	8	
	24		24				24		
	22		22				22		
7	22	7	22	20,000	37.0	15,000	22	7	
	20		20				20		
	18		18				18		
6	18	6	18	15,000	36.0	10,000	18	6	
	16		16				16		
	14		14				14		
5	14	5	14	10,000	35.0	5,000	14	5	
	12		12				12		
	10		10				10		
4	10	4	10	5,000	34.0	0,00	10	4	
	8		8				8		
	2		2				2		

HATCH AND HOLD SPECIFICATIONS

HOLD VOLUMES (CUBIC METRES)

HOLD NUMBER	1	2	3	4	5	TOTAL
Cubic Volume	3,854	5,779	6,145	5,780	5,220	26,778
Volume Net 1.1m Ullage (m³)	3,561	4,503	5,684	5,423	4,813	24,884
Cement (1.2 t / m³)	4,273	6,483	6,821	6,508	5,775	29,860

CARGO HANDLING EQUIPMENT

Loading Through Midship Hopper

Air Draft to Hopper: 19.2 m to Guardrail, 18.2 m to Inlet Flange

Pneumatic Loading Port Side

Loading Rate: 4 x Lines 300 tonnes/hour each (1,200 t/h total)

Manifold Arrangement: 4 x Lines, 400NB DIN PN10 Flanges

Air Supply to Shore: 2 x Lines, port only, 250NB DIN PN10

Pneumatic Loading Starboard Side

Loading Rate: 2 x Lines 300 tonnes/hour each (600 t/h total)

Manifold Arrangement: 2 x Lines, 400NB DIN PN10 Flanges

Dust Collectors

2 x 7,200 m³ / hour per cargo hold

72,000 m³ / hour total capacity

Unloading Pneumatic

4 x 400NB Lines @ 300 tonnes/hour each or

2 x 400NB Lines @ 600 tonnes/hour each

(max, basis cement cargo and subject to shore receival piping arrangement)

Distance from bow to center of discharge pipes = 82.2 m

Max air delivery to shore: 30,480 m³/hour

Hose Handling Cranes

1 x 25 tonne @ 24 m on ship centerline

(outreach 10.40 m from ship side)

1 x 10 tonne @ 16 m port side

(outreach 11.45 m from ship side)

1 x 1.5 tonne @ 8 m starboard side

(outreach 3.20 m from ship side)

CONSUMPTION (TONNES PER DAY)

	SPEED		MAIN ENGINE HFO		A/E
	Loaded	Ballast	Loaded	Ballast	HFO
Sea	13.70	14.20	22.50	22.50	1.50
Port/ Anchorage			N/A	N/A	1.50
Loading/ Discharge			N/A	N/A	2.60/13.00

All specifications are given in good faith but without guarantee.