CSL
AMERICAS

MAR 17 2014

March 10, 2014

Office of the Commander
First Coast Guard District, Battery Park Building,
1 South Street
New York, NY 10004-1466

Re: Proposed Replacement of the Sarah Mildred Long Bridge

To Whom This May Concern:

After receiving and reviewing the USCG Notice of Public Comment and the 2012 environmental impact study in support of replacing the Sarah Mildred Long Bridge at Portsmouth, New Hampshire, CSL hereby formally expresses its support to replace the Sarah Long Bridge.

Specialized in the marine transportation and handling of dry-bulk cargo, CSL regularly transports cargoes by handy- and Panamax-size vessels into Portsmouth, NH (specifications of type of vessel servicing Portsmouth attached hereto).

We support the replacement of the Sarah Long Bridge with a larger bridge to provide less restrictive access and added safety measures while transiting through the bridge on the Pisquata River. The existing bridge is a choke point on the Pisquata River for the tug company, Moran Towing, which assists our vessels through the bridge opening.

Currently, tugs required to assist our vessels must detach from our ships when transiting through the bridge as the opening does not allow for the tug and vessel to transit together. This creates additional restrictions and safety hazards for Moran Towing, including but not limited to daylight transit only.

The replacement of the bridge with a larger opening would make transit safer and less restrictive for our vessels through the bridge, including but not limited to transits during which tugs remain attached to our vessel.

Please accept this as CSL's formal submission of support of the replacement of the Sarah Mildred Long Bridge.

Sincerely,

Henrik Friis
Senior Director of Marketing

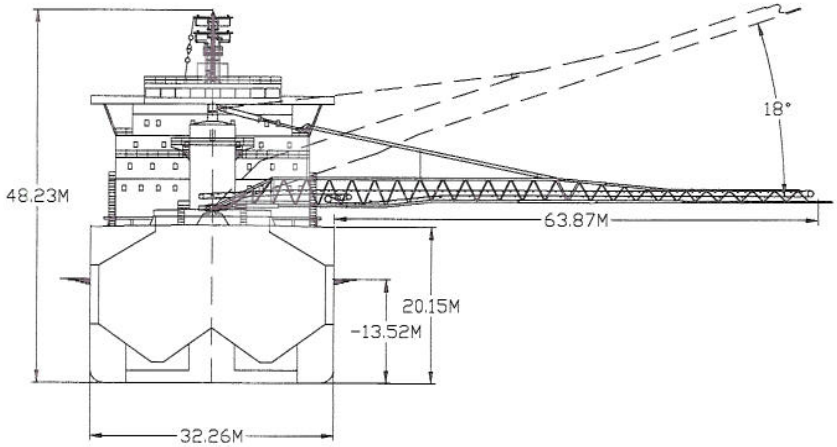
152 CONANT STREET, BEVERLY, MA 01915 USA T 978.922.1300 F 978.922.1772 W cslships.com

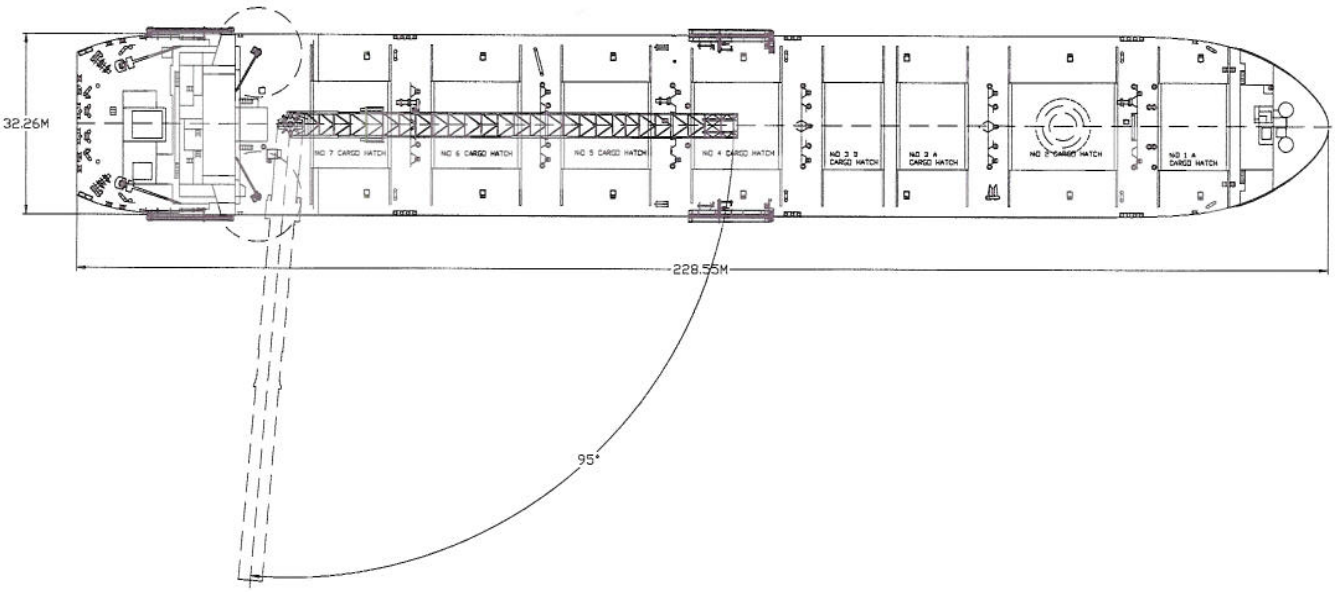
RT. HON. PAUL E. MARTIN

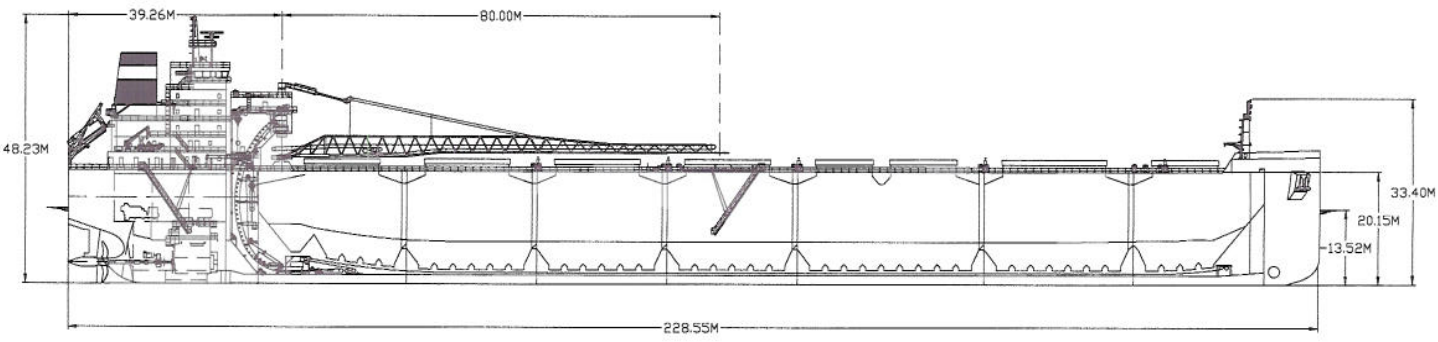
Built		2012
Classification		Lloyd's Register
Length Overall		228.55 metres
Length between Perps		225.19 metres
Breadth Moulded		32.26 metres
Depth Moulded		20.16 metres
Total Hold Capacity (inc. hatches)		71,476.0 cubic metres
Draught Summer		13.517 metres
Deadweight		71,405.30 tonnes
Gross Tonnage		43,691.00 tonnes
Net Tonnage		17,087.00 tonnes
Bow Thruster		1,500.00 kW
Length of Boom		80.00 metres
Discharge Rate	Coal	4,200 tonnes/hr
	Gypsum	4,500 tonnes/hr
	Aggregates	5,000 tonnes/hr
	Iron Ore	6,000 tonnes/hr

CSL
AMERICAS

RT. HON. PAUL E. MARTIN







CSL AMERICAS

Air Drafts *(metres)*

Draft Condition	Trim (at PP)	Draught AP	Draught FP	Stem	Foremast	Hatches (rolled to one side) Forward	Hatches (rolled to one side) Midship	Hatches (rolled to one side) Aft	Cargo Gear	Main Mast	Funnel	Stern	Maximum
Height above keel				24.25	33.40	21.26	21.26	21.26	36.06	48.23	44.14	20.35	48.23
Light Ship	4.38	5.07	0.69	23.58	30.54	20.26	18.47	16.83	31.72	43.57	39.25	15.23	43.57
Normal Ballast 50% Bunker	2.89	8.22	5.33	18.95	26.65	15.72	14.55	13.46	28.34	40.30	36.05	12.11	40.30
Fully Loaded 50% Bunker	0.67	13.85	13.17	11.10	19.91	8.04	7.76	7.51	22.35	34.47	30.35	6.52	34.47

Hatch and Hold Specifications

Hold Number	1	2	3	4	5	6	7	TOTAL
Hold Volumes *(cubic metres)*								
Maximum Cubic	7,390.0	11,270.0	14,175.0	9,866.0	9,865.0	9,870.0	9,040.0	71,476.0
Hold Openings *(metres)*								
Hatch Number	1	2	3A	3B	4	5	6	7
Opening Length	12.00	18.90	12.00	10.30	15.30	15.30	15.30	13.80
Opening Width	15.10	15.10	15.10	15.10	15.10	15.10	15.10	15.10
Coaming Height above Keel	21.26	21.26	21.26	21.26	21.26	21.26	21.26	21.26
Hatch Information *(metres)*								
Description	side-rolling panels	side-rolling panels	side-rolling panels	side-rolling panels	side-rolling panels	side-rolling panels	side-rolling panels	side-rolling panels
Operation	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic
Hatch Length	12.30	19.11	12.30	10.61	15.71	15.71	15.71	14.01
Hatch Width	16.84	16.84	16.84	16.84	16.84	16.84	16.84	16.84
Hatch Top Height above Keel	22.04	22.04	22.04	22.04	22.04	22.04	22.04	22.04

Cargo Handling Equipment

- Two 0.66 - 2.54 m/s hold conveyors
- Two 2.5 m/s transfer conveyors
- One 1.3 - 4.3 m/s Boom conveyor
- One 1.4 - 4.8 m/s 'C' Loop conveyor
- Tunnel Belts - Wide: 2134 mm
- Boom Belt - Wide: 1981 mm
- Transfer Belt - Wide: 1981 mm
- All Belts have 35 degree trough
- Dust Suppression: dust collectors plus water sprayers on the boom and foam sprayers in the transfers.
- Discharge Rate:
  - Aggregates 5,000 tonnes/hr
  - Coal 4,200 tonnes/hr
  - Iron Ore 6,000 tonnes/hr
- Maximum boom outreach: 63.87 metres

Consumption *(tonnes per day)*

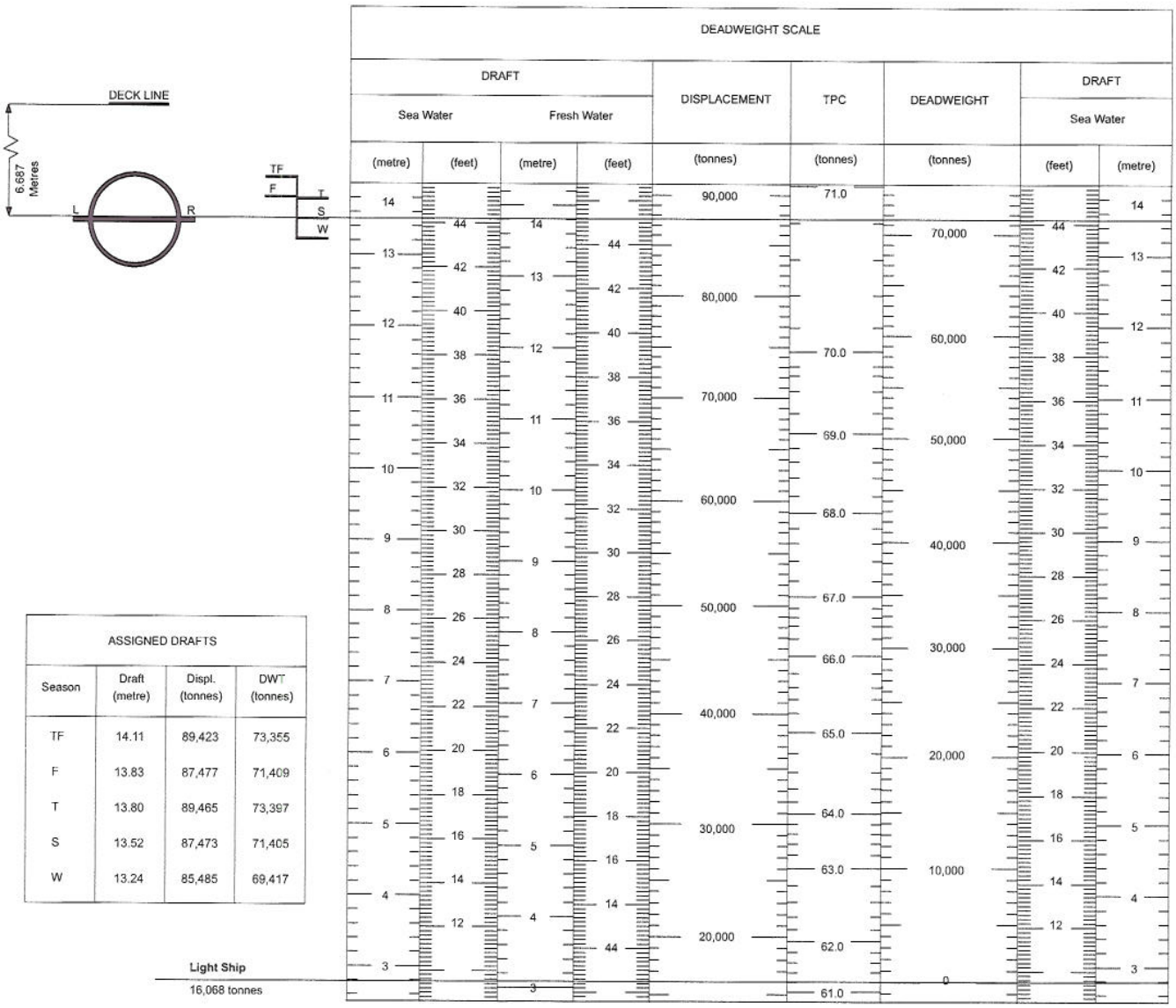
	Speed		Main Engine	Aux. Generators
	Loaded	Ballast	IFO	IFO
Sea (77RPM)	14	14.5	34	3.1
Port / Anchorage				3.1
Loading				4.6
Discharge				5.8

For more information on this ship please visit www.cslships.com

CSL AMERICAS

RT. HON. PAUL E. MARTIN

RT. HON. PAUL E. MARTIN



ASSIGNED DRAFTS			
Season	Draft (metre)	Displ. (tonnes)	DWT (tonnes)
TF	14.11	89,423	73,355
F	13.83	87,477	71,409
T	13.80	89,465	73,397
S	13.52	87,473	71,405
W	13.24	85,485	69,417

CSL AMERICAS

For more information on this ship please visit www.cslships.com

CSL Americas • 152 Conant Street, Beverly, MA, U.S.A., 01915 • Tel.: 978-922-1300 • Fax: 978-922-1772 • info@cslint.com • www.cslships.com

All specifications given in good faith but without guarantee.

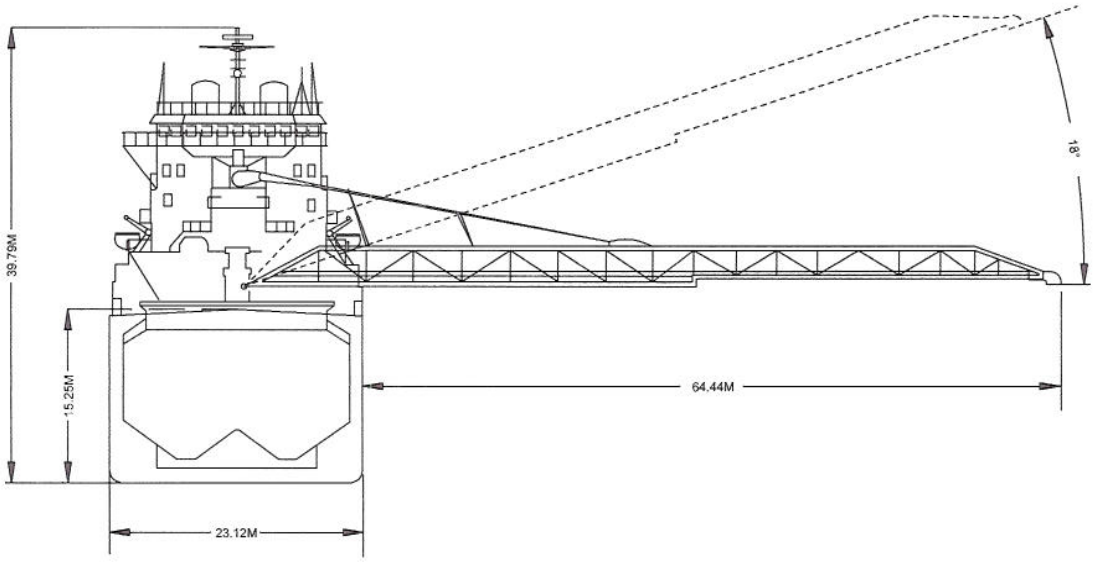
MV PIONEER

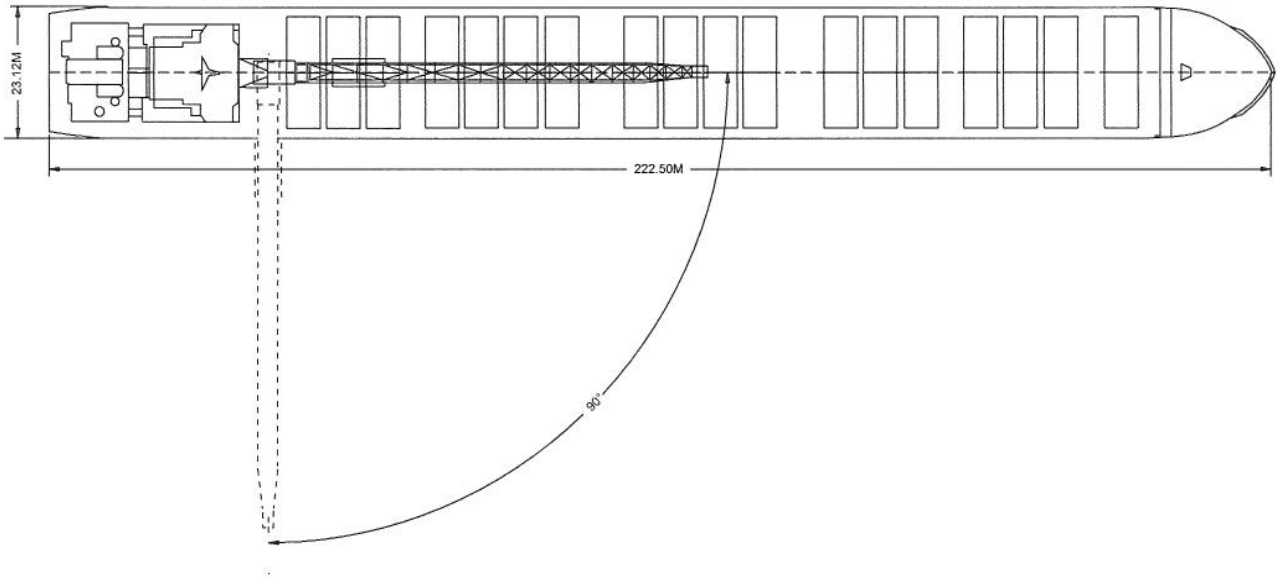
Entering the St. Lawrence Seaway at Montreal.

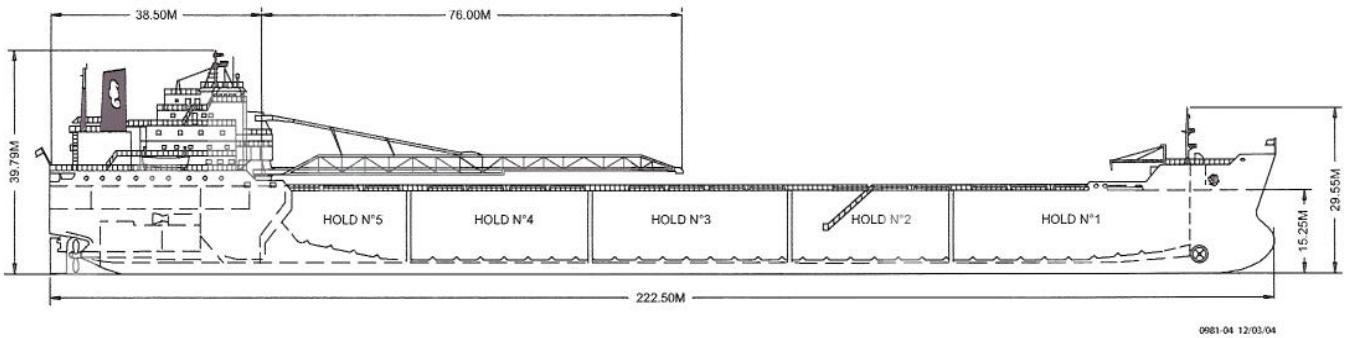
Built		1981
Classification		Lloyds +100 A1
Length Overall		222.50 metres
Breadth Moulded		23.12 metres
Depth Moulded		15.25 metres
Total Hold Capacity (including hatches)		36,153 cubic metres
Deadweight		37,448 tonnes
Draft		10.512 metres
Gross Tonnage		24,113 tonnes
Net Tonnage		10,168 tonnes
Bow Thruster		740 kW
Length of Boom		76.00 metres
Discharge Rate	-Coal	2,500 tonnes/hr
	-Ore	4,000 tonnes/hr

CSL AMERICAS

MV PIONEER







0981-04 12/03/04

CSL AMERICAS

MV PIONEER

Air Drafts *(metres)*

Draft Condition	Stem	Foremast	Hatches			Cargo Gear	Main Mast		Funnel	Stem	Other Obstruction*	Maximum
			Forward	Midship	Aft		Deployed	Lowered				
Keel	21.40	29.55	15.85	15.85	15.85	30.56	39.79	N/A	36.4	15.25	N/A	39.79
Light Ship	16.95	28.76	15.06	13.23	11.60	26.40	38.20	N/A	32.0	10.80	N/A	38.20
Normal Ballast 50% Bunker	13.64	23.65	9.95	9.02	8.35	23.12	31.22	N/A	28.6	7.49	N/A	31.22
Fully Loaded 50% Bunker	10.92	19.35	5.65	5.51	5.35	20.40	28.27	N/A	25.9	4.77	N/A	28.27

Hatch and Hold Specifications

Hold Number	1	2	3	4	5	6	7	TOTAL
Hold Volumes *(cubic metres)*								
Cubic	8,797.0	5,990.0	7,692.0	7,716.0	4,847.0			35,042.0
Maximum Grain	9,044.0	6,175.0	7,939.0	7,963.0	5,032.0			36,153.0
Grain in way of Hatch	247.0	185.0	247.0	247.0	185.0			1,111.0
Hold Openings *(metres)*								
Number of Openings	4	3	4	4	3			18
Opening Length	38.80	31.60	36.80	32.80	22.40			
Opening Width	20.70	20.70	20.70	20.70	20.70			
Coaming Height above Keel	15.85	15.85	15.85	15.85	15.85			
Hatch Information *(metres)*								
Description Operation	Pontoon Gantry Crane	Pontoon Gantry Crane	Pontoon Gantry Crane	Pontoon Gantry Crane	Pontoon Gantry Crane			
Hatch Length	6.42	6.42	6.42	6.42	6.42			
Hatch Width	17.75	17.75	17.75	17.75	17.75			
Hatch Top Height above Keel	15.98	15.98	15.98	15.98	15.98			

Cargo Handling Equipment

- Unloading Equipment: Two hold conveyors feeding two cross conveyors, followed by a single loop conveyor and single cargo boom
- Dust Suppression System: A two-stage dust suppression system is fitted.
- Unloader Inner Boom Length: 76.00 metres
- Discharge Rate - Coal: 2,500 tonnes/hr
  Ore: 4,000 tonnes/hr
- Maximum Boom Outreach: 64.44 metres

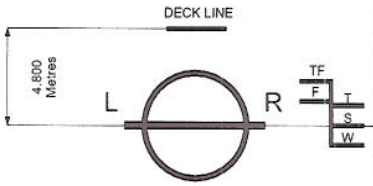
Consumption *(tonnes per day)*

	Speed		Main Engine	Generators
	Loaded	Ballast	IFO	MDO
Sea	11 knots	11.5 knots	26	2.8
Port / Anchorage			0	3.5
Loading / Discharge			0	6

For more information on this ship please visit www.cslships.com

CSL AMERICAS

MV PIONEER



DEADWEIGHT SCALE

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

Light Ship
10,830 tonnes

ASSIGNED DRAFTS			
Season	Draft (metre)	Displ. (tonnes)	DWT (tonnes)
TF	10.98	50,564	38,501
F	10.76	49,489	37,522
T	10.74	49,328	37,522
S	10.52	48,277	37,448
W	10.30	47,207	36,378

0981-04 08/17/04

CSL AMERICAS

For more information on this ship please visit www.cslships.com

CSL Americas • 152 Conant Street, Beverly, MA, U.S.A., 01915 • Tel.: 978-922-1300 • Fax: 978-922-1772 • info@cslint.com • www.cslships.com

All specifications given in good faith but without guarantee.

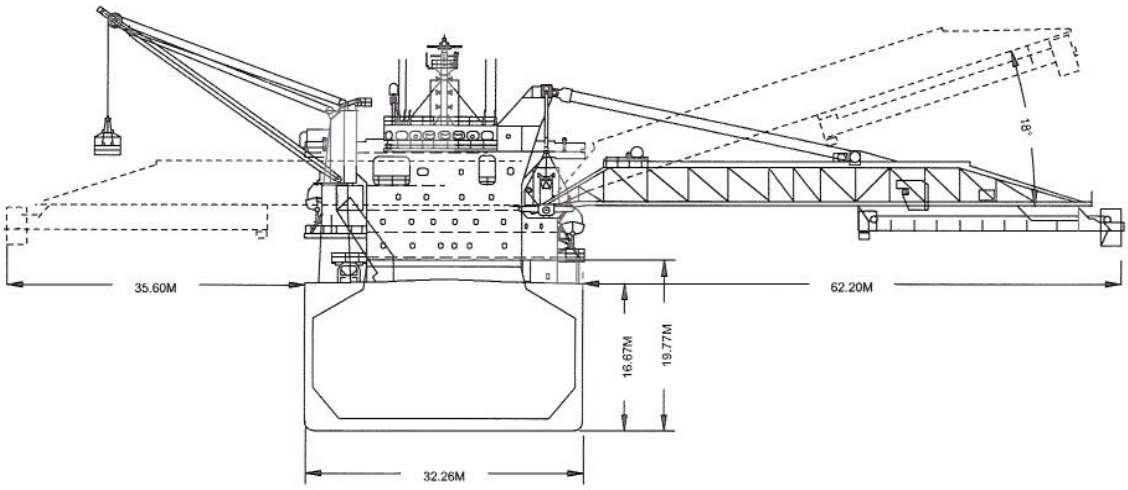
BARKALD

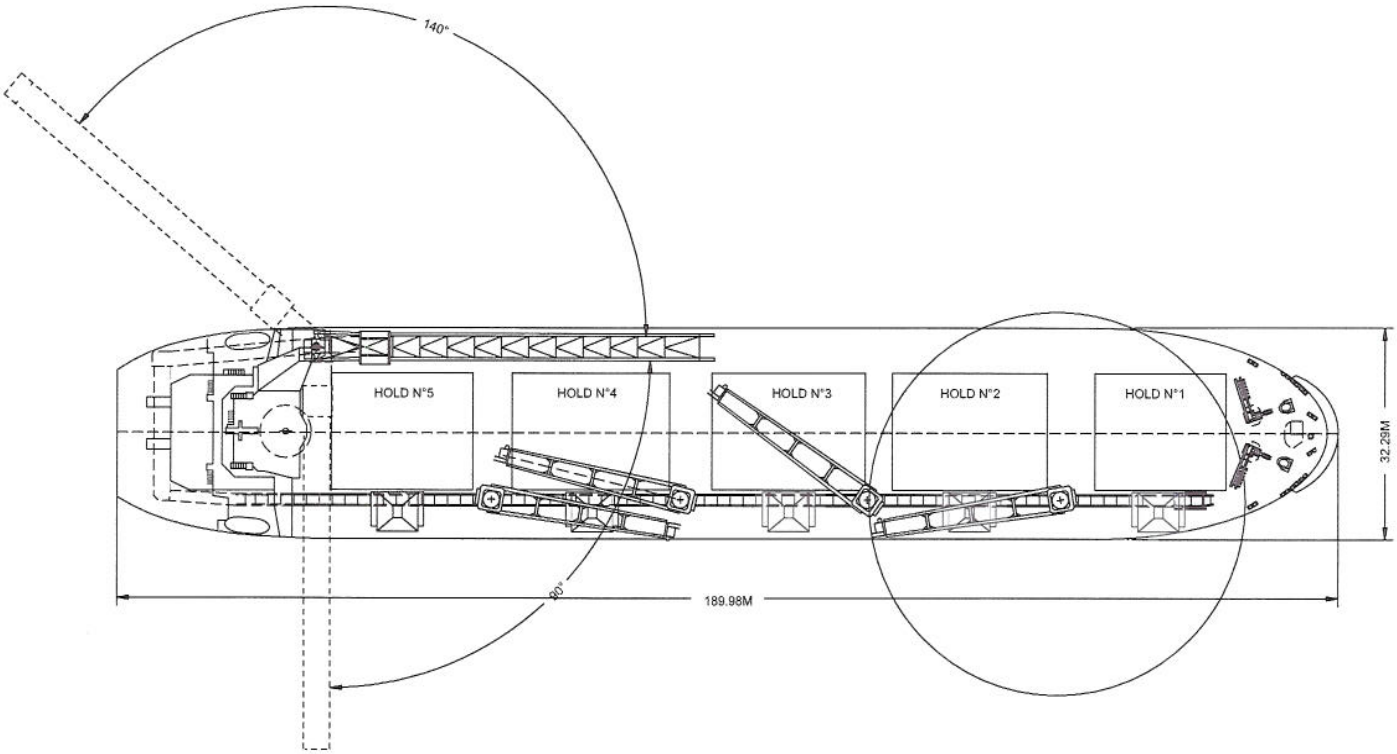
The Barkald performing a transshipment on the U.S. East Coast.

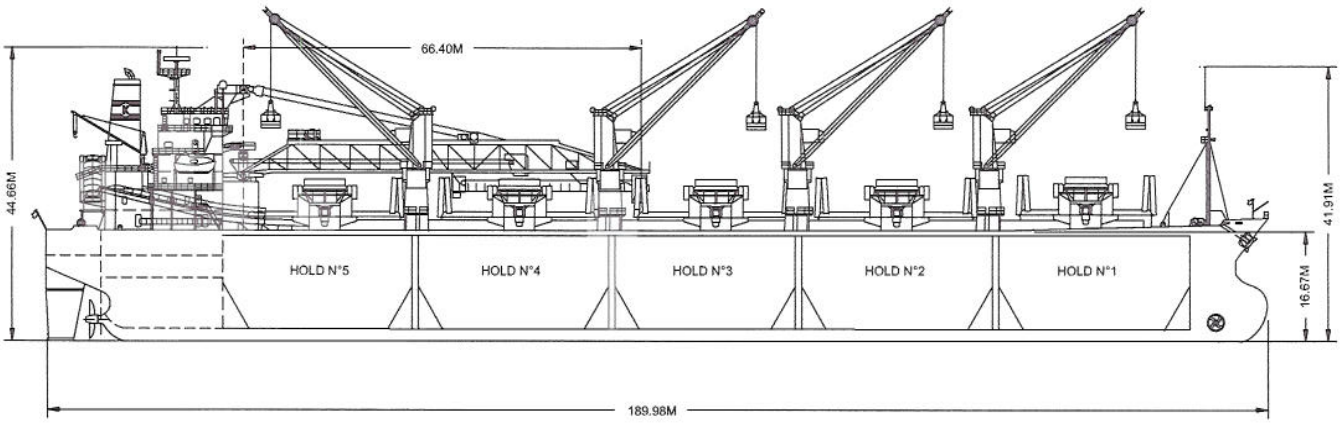
Built		2002
Classification		DNV +1A1
Length Overall		189.99 metres
Breadth Moulded		32.26 metres
Depth Moulded		16.67 metres
Total Hold Capacity (including hatches)		64,385 cubic metres
Deadweight		49,463 tonnes
Draft		11.913 metres
Gross Tonnage		28,912 tonnes
Net Tonnage		17,772 tonnes
Bow Thruster		1,500 kw
Length of Boom		66.40 metres ext.
Discharge Rate	-Coal	1,000 tonnes/hr

CSL
AMERICAS

BARKALD







0981-04 12/03/04

CSL
AMERICAS

Air Drafts

(metres)

Draft Condition	Stem	Foremast	Hatches			Cargo Gear	Main Mast		Funnel	Stern	Other Obstruction*	Maximum
			Forward	Midship	Aft		Deployed	Lowered				
Keel	21.20	41.91	19.84	18.90	18.90	38.21	44.66	N/A	41.50	18.90	22.97/27.37	44.66
Light Ship	20.59	41.30	18.87	16.49	14.78	35.80	40.54	N/A	37.38	14.78	20.56/24.96	40.54
Normal Ballast 50% Bunker	16.68	34.81	12.75	13.21	12.09	32.52	37.85	N/A	34.69	12.09	17.28/21.68	37.85
Fully Loaded 50% Bunker	9.58	30.29	8.23	7.28	7.28	26.59	33.04	N/A	29.88	7.28	11.35/15.75	33.04

**Grab/Jibrest*

Hatch and Hold Specifications

Hold Number	1	2	3	4	5	6	7	TOTAL
Hold Volumes *(cubic metres)*								
Cubic	11,555	13,993	13,030	13,898	11,909			64,385
Maximum Grain	11,555	13,993	13,030	13,898	11,909			64,385
Grain in way of Hatch	N/A	N/A	N/A	N/A	N/A			N/A
Hold Openings *(metres)*								
Number of Openings	2	2	2	2	2			10
Opening Length	2 x 8.93	2 x 10.20	2 x 9.35	2 x 10.20	2 x 10.20			
Opening Width	17.60	17.60	17.60	17.60	17.60			
Coaming Height above Keel	19.85	18.90	18.90	18.90	18.90			
Hatch Information *(metres)*								
Description	Folding pane	Folding pane	Folding pane	Folding pane	Folding pane			
Operation	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic			
Hatch Length	17.85	20.40	18.70	20.40	20.40			
Hatch Width	17.60	17.60	17.60	17.60	17.60			
Hatch Top Height above Keel	20.74	19.79	19.79	19.79	19.79			

- Selfloading/unloading equipment: 4 Tsuji cranes swl 30 tonnes, 4 Orts grab 20.0 cbm capacity, 5 unloading hoppers (one each hold) and 2 payloaders for trimming holds.
- One longitudinal conveyor, one cross conveyor, one incline conveyor and one boom conveyor discharge rate of (max) 1,800 t/hr.
- Dust Suppression System: Water spray system located in each hopper and at each conveyor transfer point
- Unloader Boom Length: 66.40 m
- Discharge Rate:
  - Coal: 1,000 mt/hr including payloader trimming/ sweeping
  - Aggregates: 1,600 mt/hr including payloader trimming/sweeping

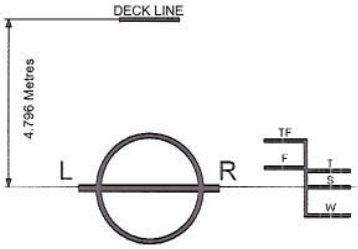
Consumption *(tonnes per day)*

	Speed		Main Engine	Generators
	Loaded	Ballast	IFO	MDO
Sea	14	15	32.5	0
Port / Anchorage			2.5	0
Selfloading / Discharge			5.0	0

For more information on this ship please visit www.cslships.com

CSL AMERICAS

BARKALD



DEADWEIGHT SCALE

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

Light Ship
9,465 tonnes

ASSIGNED DRAFTS			
Season	Draft (metre)	Displ. (tonnes)	DWT (tonnes)
TF	12.43	60,260	50,795
F	12.18	58,935	49,470
T	12.16	60,282	50,817
S	11.91	58,928	49,463
W	11.66	57,578	48,113

0981-04 08/22/04

CSL AMERICAS

For more information on this ship please visit www.cslships.com

CSL Americas • 152 Conant Street, Beverly, MA, U.S.A., 01915 • Tel.: 978-922-1300 • Fax: 978-922-1772 • info@cslint.com • www.cslships.com

All specifications given in good faith but without guarantee.