



MV Lake Ontario



General Info

Built	2004
Flag	Antigua & Barbuda
IMO No.	9283538
Class	GL 100 A5 E G IW BWM-S ESP Solas II-2 reg. 19 Bulk Carrier + MC Aut
Type	Geared Bulk Carrier 28.000 t

Hold & Hatches

Hold & Hatches	5
Hatch covers	hydraulic folding type, steel, watertight
Grain	1.214.023 cbft
Bale	1.155.849 cbft
Bulkheads	1 moveable bulkhead, 3 positions
ventilation	6 x air exchange / h

Tonnage

Dwt summer	27.783 t
Dwt winter	26.975 t
GT / NT	18.852 / 8.565

Dimensions

LOA	185,09 m
Breadth over all	23,70 m
Depth	4,33 m
Draught [S]	9,80 m
Draught (Ballast)	F=5,41 / A=7,11

Speed & Consumption

abt. 14,0 kn at 7.047 kW	
Sea	27,0 t ifo 380
Port	2,5 t without crane 4,5 t with cranes
Sailing range about 16.000 nautical miles	

Gear

Cranes	3 x 30 t SWL at 22 m
--------	----------------------

Permissible loads

Tanktop	20,00 t / m ²
Weatherdeck hatch	2,00 t / m ²

Main Engine Data

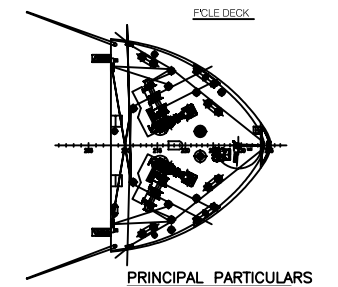
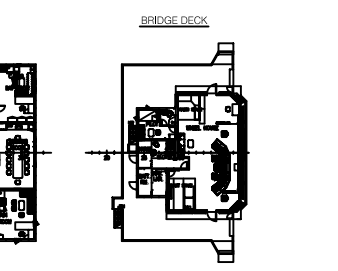
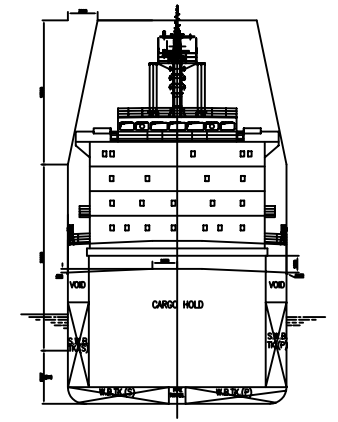
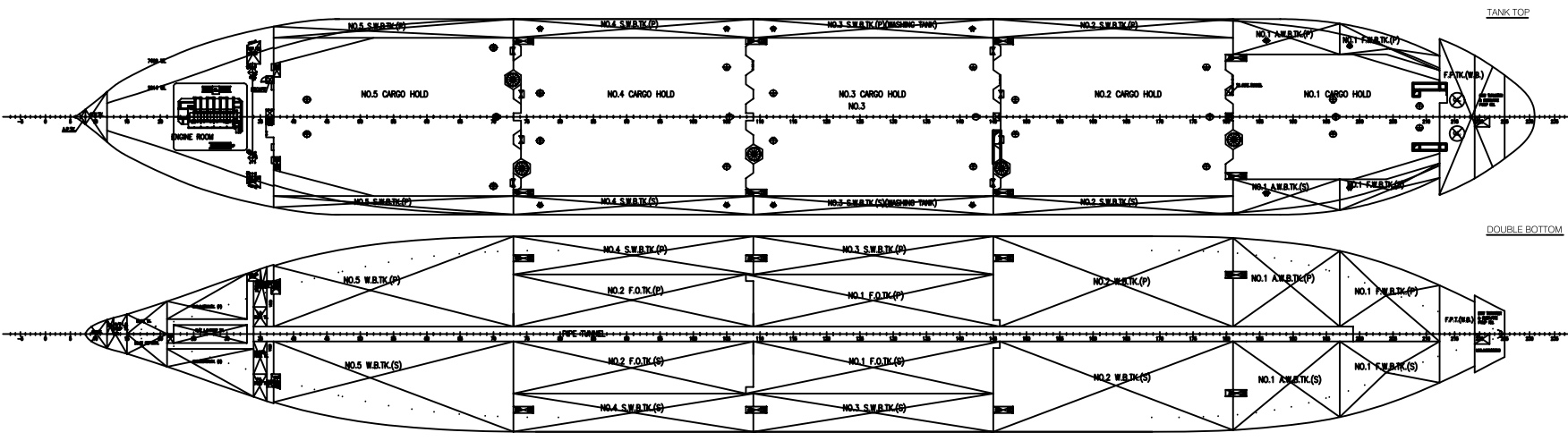
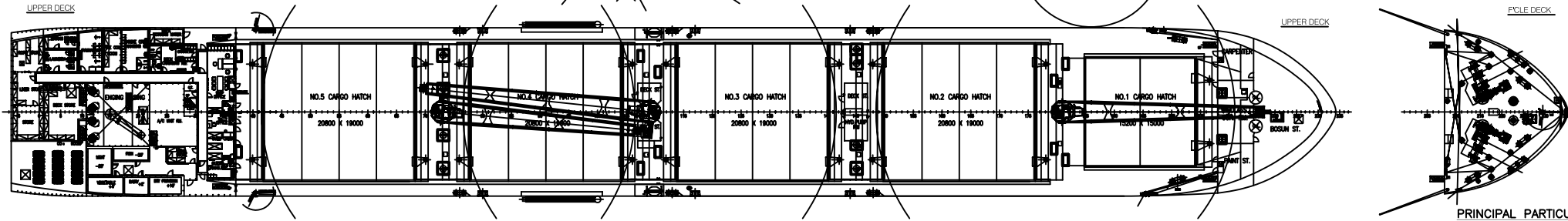
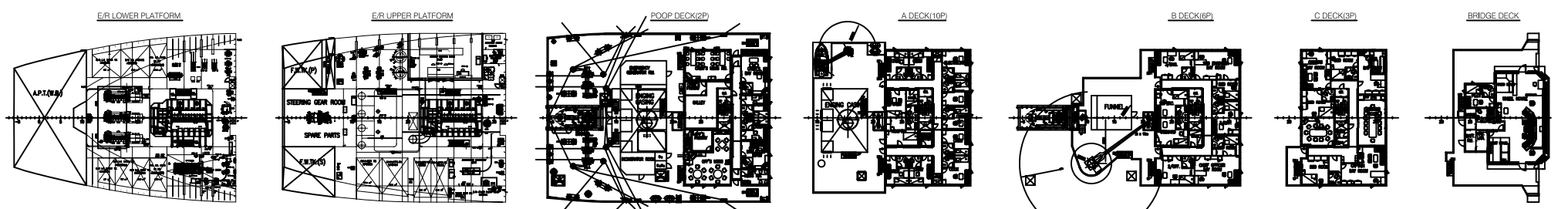
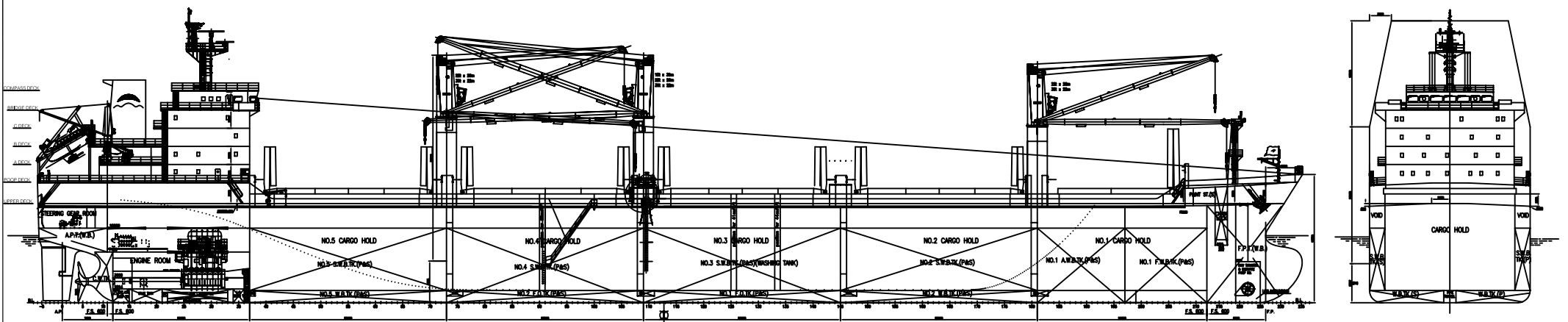
Main engine	HMM MAN-B&W 6S46 MC-C, 7.860 kW
Bow thruster	680 kW, electronic given

Aux. Engine / Emergency Engine

Aux. engine	3 x ZJMD MAN-B&W 5L 23/30H (650 kW)
Emergency Engine	1 x SISU 620 DSRG, 120 kW

Tank capacity

Fuel HFO	1.317,00 m ³
Fuel MDO	168,00 m ³
Ballast	11.073,10 m ³
LO	102,7 m ³



PRINCIPAL PARTICULARS	
LENGTH O.A.	abt. 185.00 m
LENGTH B.P.	176.00 m
BREADTH MLD	23.50 m
BREADTH (EXTREME)	23.70 m
DEPTH MLD	14.10 m
DESIGNED DRAFT	9.80 m
SCANTLING DRAFT	9.80 m
DEADWEIGHT (T=9.8m)	abt. 27000 t
CARGO CAPACITY	34280 m ³
MAIN ENGINE	MAN-B&W 6S46MC-C 1 set
C.M.C.R	7050kW X 129.0r/min
C.S.R	6350kW X 124.5r/min
SERVICE SPEED (DESIGN DRAUGHT, CSR WITH 1.5% S.M.)	abt. 14.0 kn
ENDURANCE	abt. 14800 n.mile
COMPLEMENT	21P + 1 Pilot + 1 Supercargo + 6 Suez Crew
CLASSIFICATION	G.L.B 100 As E, Bulk Carrier, G. ESP. IW, BWM-S
	SOLAS-II-2 Reg.19, Holds No.1,3,5 may be empty or Holds No.2 + 4 may be empty at draught not exceeding 8.5 m + MC E/AUT

NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26	NO. 27	NO. 28	NO. 29	NO. 30	NO. 31	NO. 32	NO. 33	NO. 34	NO. 35	NO. 36	NO. 37	NO. 38	NO. 39	NO. 40	NO. 41	NO. 42	NO. 43	NO. 44	NO. 45	NO. 46	NO. 47	NO. 48	NO. 49	NO. 50	NO. 51	NO. 52	NO. 53	NO. 54	NO. 55	NO. 56	NO. 57	NO. 58	NO. 59	NO. 60	NO. 61	NO. 62	NO. 63	NO. 64	NO. 65	NO. 66	NO. 67	NO. 68	NO. 69	NO. 70	NO. 71	NO. 72	NO. 73	NO. 74	NO. 75	NO. 76	NO. 77	NO. 78	NO. 79	NO. 80	NO. 81	NO. 82	NO. 83	NO. 84	NO. 85	NO. 86	NO. 87	NO. 88	NO. 89	NO. 90	NO. 91	NO. 92	NO. 93	NO. 94	NO. 95	NO. 96	NO. 97	NO. 98	NO. 99	NO. 100
-------	-------	-------	-------	-------	-------	-------	-------	-------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	---------

27000WT BULK CARRIER
27000 D D D

GENERAL ARRANGEMENT PLAN
D D D

DATE: 01/11/2023
SCALE: 1:100