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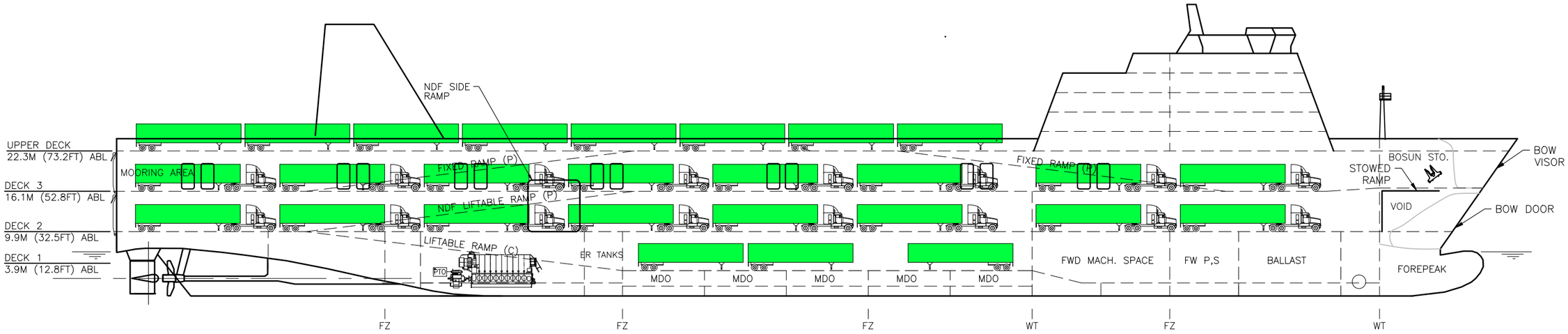

Principal Particulars

MAIN DIMENSIONS		
Length, Over All	215.5 m	707.0 ft
Length, Between Perp.	199.0 m	652.9 ft
Beam	29.5 m	96.78 ft
Depth	22.3 m	73.16 ft
Design Draft	6.7 m	21.98 ft
Dwt. at Design Draft	8,775 MT	
Cb at Design Draft	0.62	

HULL PROPORTIONS	
L/B	6.7
B/T	4.4
B/D	1.3
L/D	8.9

CARGO	Wt/Unit	Full Load Quantity	Full Load Weight
53' Tractor-Trailers	38	105	3,990
53' Trailers	20	77	1,540
Total ‡		510 TEU	5,530 MT
Reefer Outlets	50		
Passengers	100		

FULL LOAD CONDITION		
Cargo Weight	5,530	MT
Consumables (98%)	2,445	MT
Ballast	500	MT
Constant	300	MT
Lightship	16,041	MT
Displacement	24,816	MT
Estimated GM	1.5	m

PROPULSION	
Suggested Engine	2xMAN 9L51/60DF
	2xWartsila 9L50DF
Speed at design draft	22 knots
Operating Power	16,200 kW *
MCR	18,000 kW
RPM	514

RANGE & CONSUMPTION	
M/E Fuel Consumption†	76.8 MT/Day
M/E & D/G Fuel (no reefers)	84.0 MT/Day
Range (MGO)	~10,000 nm
Range (LNG)	4,000 nm

TANK CAPACITIES	
Marine Gas Oil	2,300 m^3
LNG (if provided)	1,725 m^3
Fresh Water	600 m^3
Ballast Water	TBD m^3

Legend:

53' Trailer

Notes:

† Fuel Consumption is based on MGO at the operating power.
LNG propulsion is an option and will require added storage tanks.
‡ Count assumes 2.8TEU/53' Trailer or Tractor-Trailer
* Operating power is at design speed and draft with 15% sea margin

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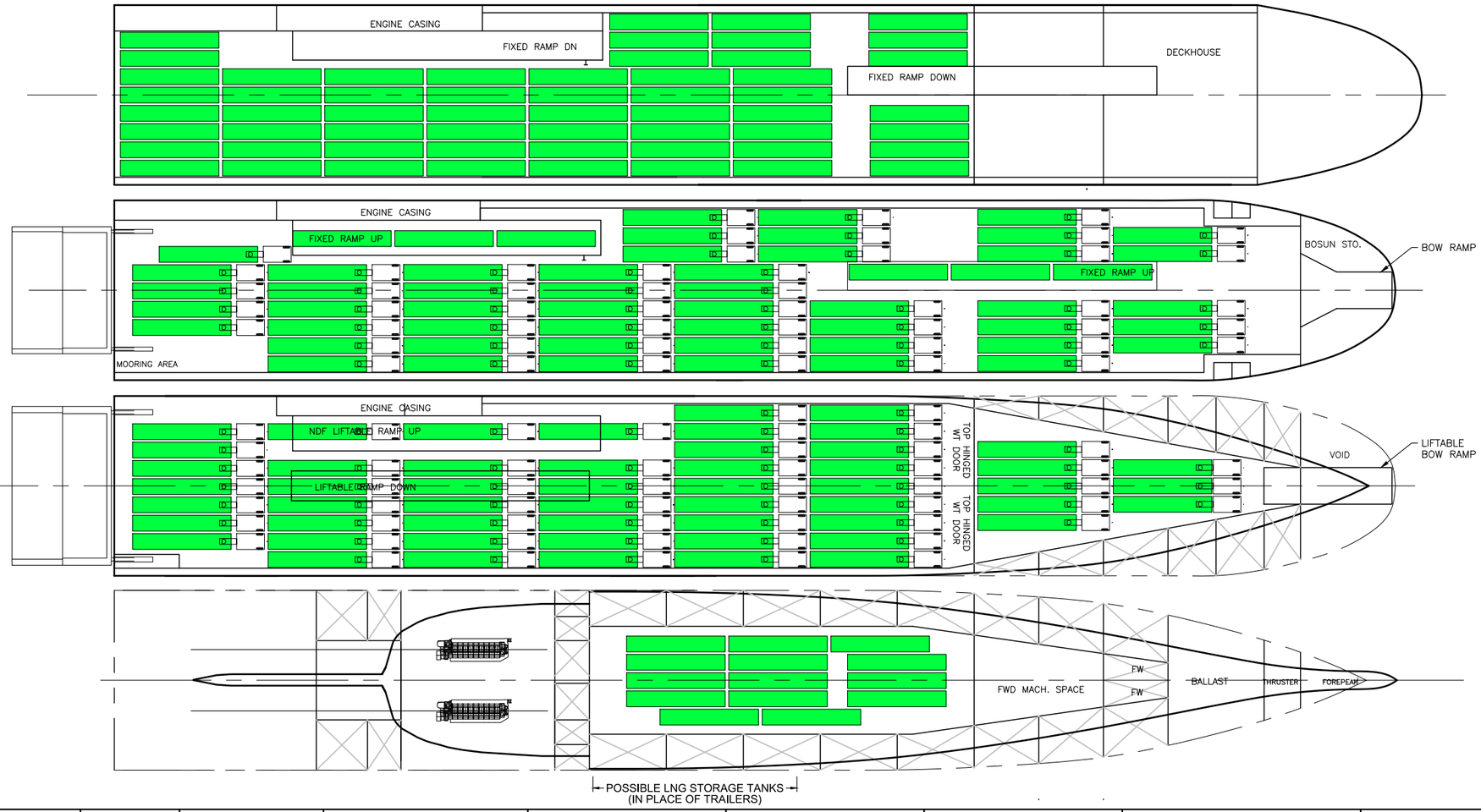

UPPER DECK
22.3M (73.2FT) ABL

DECK 3
16.1M (52.8FT) ABL

DECK 2
9.9 (32.5FT) ABL

DECK 1
3.9M (12.8FT) ABL

RORO DECKS	HEIGHT OF DECK	HEIGHT TO DECK ABOVE	DEPTH OF STRUCT OF DECK ABOVE	CLEAR HEIGHT FOR VEHICLES		NET AREA		LANE LENGTH		SAMPLE STOW		DECK STRENGTH	
	m	m	m	m	ft	m^2	ft^2	lane-m	lane-ft	# trailers	# trucks	t/m^2	PSF
Upper Deck	22.3	open	-	-	-	3,274	35,237	1,045	3,428	57	0	1.25	250
Deck 3	16.1	6.2	1.2	5	16.4	4,957	53,356	1,457	4,780	6	51	1.5	300
Deck 2	9.9	6.2	1.2	5	16.4	4,488	48,308	1,346	4,416	0	54	1.5	300
Deck 1	3.9	6	1.1	4.9	16.1	1,102	11,862	314	1,030	14	0	1.5	300
Total						13,821	148,762	4,162	13,655	77	105		

Legend:

53' Trailer

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