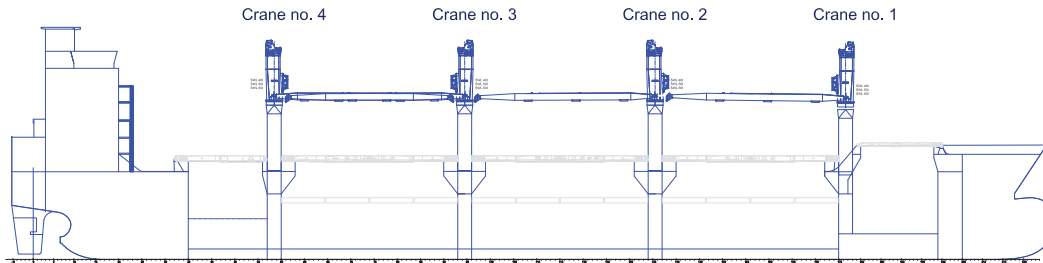


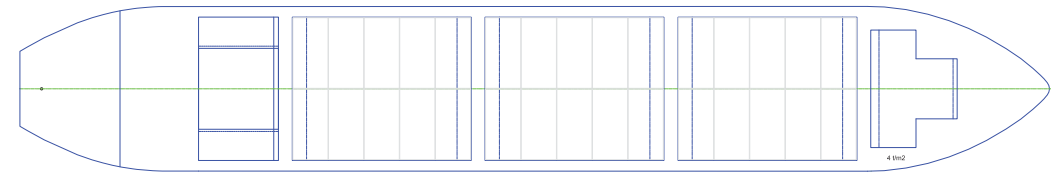
W-CLASS VESSELS

All vessel details are provided in good faith at time of printing, but are subject to change. Please check with your AAL Representative, or visit our website for all latest updates.

SIDE VIEW

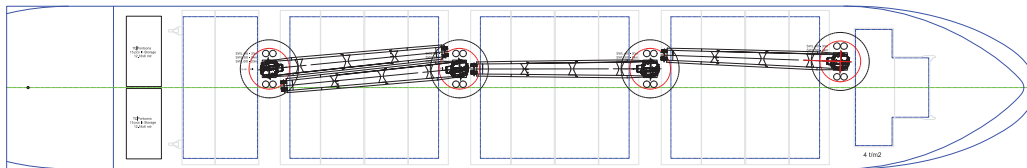


TWEENDECK

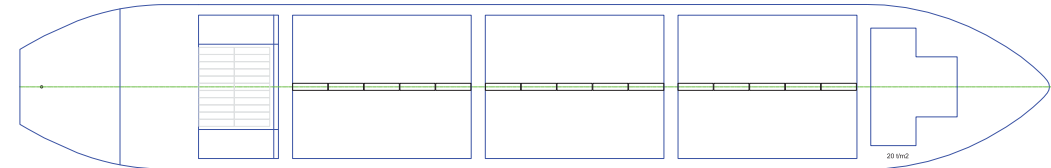


WEATHER DECK

Crane no. 1- 4
 1 SWL 60t - 20m
 2 SWL 50t - 24m
 3 SWL 40t - 30m



TANK TOP



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W-CLASS VESSELS

Type	Multipurpose Dry Cargo Ship, Equipped for Carriage of Containers			
Class	GL + 100 A5 Multi Purpose Dry Cargo Ship, Equipped for Carriage of Containers, Solas II-2, Reg.19, Strengthened for Heavy Cargo, G, ESP, IW, NAV-O, Environmental Passport, BMW, DG, DBC, + MC AUT			
Deadweight	33,217 t (without Tweendecks) 32,387 t (with Tweendecks)			
GT/NT	22863 / 10602			
LOA	179.50 m			
LBP	169.00 m			
Breadth (Moulded)	28.00 m			
Depth (Moulded)	15.10 m			
Draft (Summer)	10.80 m			
Cargo Hold Dimensions	Hold	Capacity w/o TWD (m³)	Capacity with TWD in Lower Position (m³)	Hatch Size (L X B)
	1	3,242	3,242	12.6m x 20.04m/10.19m
	2	10,551	9,711	25.6m x 24.4m
	3	10,551	9,711	25.6m x 24.4m
	4	10,551	9,711	25.6m x 24.4m
	5	4,147	4,147	25.6m x 24.4m
	Total	39,042	36,522	(Tweendeck in holds 2/3/4)

Tanktop Sizes	Hold	Area (sqm)	Bottom Size (L x B)
	1	227	7.8/6.9m x 20.1/10.2m
	2	742	30.4m x 24.4m
	3	742	30.4m x 24.4m
	4	742	30.4m x 24.4m
	5	197 + 135 (monkey rocks)	13.6m x 14.5m (24.4m)
	Total	2650 + 135 (MR)	= 2,785 tank top area total

Clear height in Hold	14.86 m		
Co2 - fitted	Hold 1, 2, 3, 4, 5; Sprinkler system in hold 1		
Hatch	Hydraulic folding type hatchcovers covers Always one panel folding upright forward and aft		
	Hold	Area (sqm)	Hatch Cover Sizes (L X B)
	Hold 1	206	6.9/6.1 m x 20.5/10.6 m
	Hold 2-4	2067	29.1 m x 26.5 m (each)
	Hold 5	352	13.3 m x 26.5 m
	Total	2,625	

Cargo Capacity (Volume/Grain/Bale/Total)	36522 cbm Tweendecks installed / 39042 cbm Tweendecks stowed on deck
Max Permissible Load	Tanktop = 20t/sqm; tweendeck = 4t/sqm; hatch covers = 4t/sqm; Container stack weight = 150t per 20ft and 40ft
Jump Loads	Hold 3+5 or 1+3 or 2+4 or 1+3+5 can be empty while remaining ones are loaded
Container Capacity	1158 TEU x 20' / 545 x 40' 544 FEU
Crane Capacity	4 electro hydraulic single deck crane; SWL = 60t
Maximum Lift	Combinable above hatch 2/3/4 = 110t by means of a traverse beam
Main Engine	MAN B&W, 1 x 6S50 MC-C7, 8,800kW
Ventilation	Ventilation hold 1,2,3,4,5 = 6 x fold mechanically, redundant
Dangerous Cargo	in line with IMDG code and vessels certificates
Timber Fitted	Vessel fitted with stanchion pockets and lashing points. No slings/stanchions or lashing materials
Other	Australia, Suez, Panama fitted Vessel suitable for grab discharge Vessel has traverse beam on board Vessel has no bowthruster

VESSEL NAME	LISBON TRADER	PARIS TRADER	SAN MARINO TRADER	WARNOW JUPITER	WARNOW MARS	WARNOW MERKUR	WARNOW MOON
YEAR BUILT	2009	2011	2010	2011	2011	2010	2010
IMO NO.	9509607	9594494	9509621	9594482	9509712	9509695	9509671
CALL SIGN	A8TV8	V2GB7	A8UR2	D5AD5	A8YQ5	A8W14	A8VX3
FLAG	LIBERIA	ANTIGUA & BARBUDA	LIBERIA	LIBERIA	LIBERIA	LIBERIA	LIBERIA

AAL's highly flexible 33,217dwt W-Class vessels serve a growing portfolio of global services and offer our customers significant economies of scale and market-leading intake capacity on every sailing – able to stow heavy-lift project cargo alongside breakbulk and dry bulk.



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