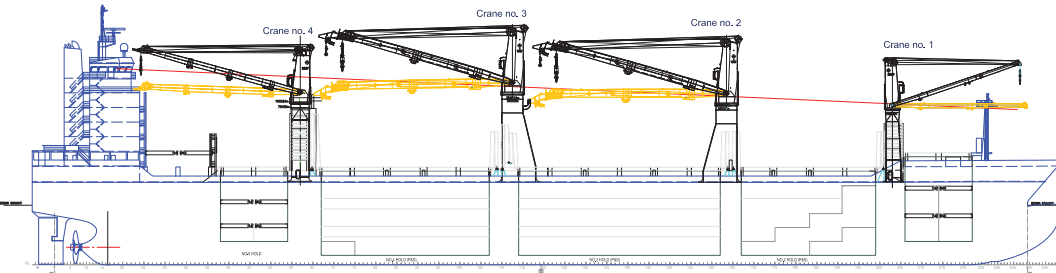
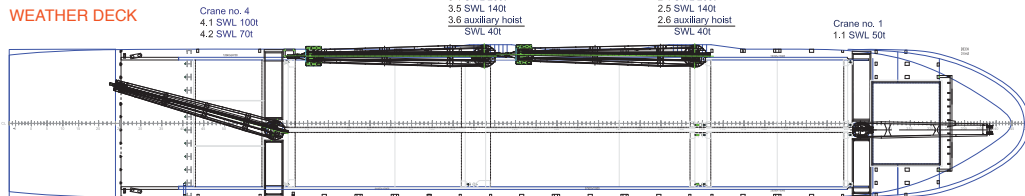


The data presented in this document provides an aggregated overview of the vessel class in question and is not meant for detailed planning and other calculation purposes. For more information on individual vessels within the AAL fleet, please contact sales.sg@aalshipping.com.

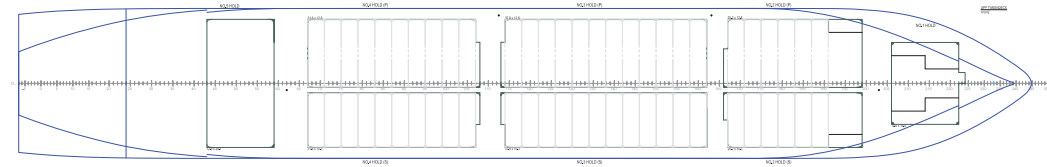
SIDE VIEW



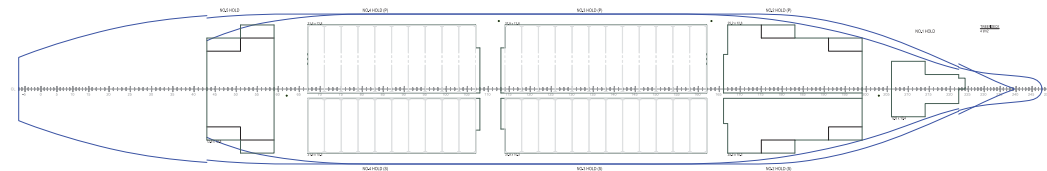
WEATHER DECK



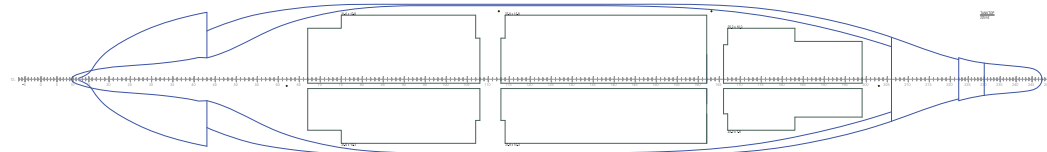
UPPER TWEENDECK



LOWER TWEENDECK



TANK TOP



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A-CLASS VESSELS

Type	Multipurpose Dry Cargo Ship
Class	DNV-GL, 100 A5E; BWM; Equipped for carriage of containers; NAV-O; Strengthened for heavy cargo
Deadweight	31,000 t (summer)
GT/NT	23,930 / 10,947
LOA	193.90 m
LBP	183.00 m
Breadth (Moulded)	28.20 m
Depth (Moulded)	15.60 m
Draft (Summer)	11.20 m
Holds	5
Hatches	8
Tweendecks	Complete Tweendeck levels for holds 3 & 4 / flexible positions
Hatch Dimensions (L x B)	No. 1: 12.64 x 15.40 m No. 2P: 25.28 x 12.80 m / No. 2S: 25.28 x 10.30 m No. 3P: 37.92 x 12.80 m / No. 3S: 37.92 x 10.30 m No. 4P: 31.60 x 12.80 m / No. 3S: 31.60 x 10.30 m No. 5: 12.64 x 24.10 m

Cargo Capacity (Volume 100%)	No. 1: 2,135.70 cbm No. 2P: 4,581.30 cbm / No. 2S: 3,572.20 cbm No. 3P: 7,727.20 cbm / No. 3S: 6,218.20 cbm No. 4P: 6,398.70 cbm / No. 4S: 5,141.00 cbm No. 5: 3,732.40 cbm
Total	39,509.40 cbm
Floor Space	Tank Top: 2,315 m ² Tweendeck: 3,649 m ² + Additional 873 m ² of 20/40FT F/L Decks Weather Deck: 2,988 m ²
Max Permissible Load	Weather Deck Hatch Covers: 3.00 t/m ² Tweendeck Hatch Covers: 4.00 t/m ² Tank Top: 22.00 t/m ²
Container Capacity (Total TEU)	910 TEU in holds 1109 TEU on deck
Container Capacity (Total FEU)	922 FEU + 170 TEU
Reefer Containers	145 Reefer Plugs
Cargo Gear	Crane No. 1 SWL 50 t 3.0-24.0 m Crane No.2 & 3 SWL 350 t 5.25-14.0 m Crane No.4 SWL 100 t 4.0-24.0 m
Maximum Lift	Combined 700 t (Crane 2 & 3)
Main Engine	Wartsila 7RT-flex50 MCR 11,620kW at 124 RPM CSR 10,458kW at 119.7 RPM

Auxiliary Engines (3 Sets)	Wartsila Auxpac 975W6L62 975kW at 900 RPM
Bow Thruster Rated Power	1,100kW
Anti-Heeling System	The vessel is equipped with anti-heeling tanks, with an automatic system fully monitored and controlled from the cargo office.
Dehumidifiers / Ventilation	Three independent dehumidifiers serve cargo holds No. 2, 3 and 4 (port and starboard) for the safe transportation of sensitive steel/paper and other products. Ventilation of cargo holds in accordance with requirements for carriage of dangerous cargo.
Dangerous Cargo	Class 1-9 (excluding 5.2) can be loaded in hold No. 2, in packaged form. Class 1.4(S), 2-9 (excluding 5.2) can be loaded in Holds No. 1, No. 3 and No. 4 in packaged form. Class 1-9 (excluding 5.2) can be loaded on upper deck/hatch covers (except above E/R) in packaged form. Class 4.1, 4.2, 4.3, 5.1, 6.1(D), 8(D) and 9 can be loaded in bulk in holds No.2, No. 3 and No. 4
Smoke Detection / Fire Fighting	All cargo holds are equipped with a fire detection system and a CO2 fire extinguishing system. Cargo hold No. 2 (dangerous goods) is additionally equipped with a sprinkler fire extinguishing system.

VESSEL NAME	AAL BRISBANE	AAL DALIAN	AAL HONG KONG	AAL KEMBLA	AAL KOBE	AAL MELBOURNE	AAL NEWCASTLE	AAL PUSAN	AAL SHANGHAI	AAL SINGAPORE
YEAR BUILT	2010	2013	2013	2011	2012	2013	2014	2012	2012	2011
IMO NO.	9498341	9498470	9498468	9498353	9498444	9498456	9498482	9498389	9498377	9498365
CALL SIGN	D5O17	D5OJ9	5BUK4	D5OI9	D5OJ7	D5OJ8	D5OK2	D5OJ5	5BUJ4	D5OJ2
FLAG	LIBERIA	LIBERIA	CYPRUS	LIBERIA	LIBERIA	LIBERIA	LIBERIA	LIBERIA	CYPRUS	LIBERIA

Our owned second-generation A-Class heavy lift vessels accommodate all cargo types with a market leading intake of 40,000 cbm. A few highlights include: a 700 t max lift capability; five large cargo holds; 2 tweendecks and a weather deck floor space of 2,700 m² – making it one of the finest, youngest and most popular vessel classes in the global MPV fleet.



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