PAIWAN BRAVE 40,000 DWT Bulk Carrier 60

PRINCIPAL PARTICULARS

Length (o.a.):	179.95 m
Length (b.p.):	177.20 m
Breadth (mld.):	32.20 m
Depth (mld.):	15.00 m
Draft (mld.):	9.30 / 10.50 m
Gross tonnage:	24,219
Deadweight:	39,793 t
Main engine:	MAN B&W 6G45ME-C9.7-EGRBP
MCR (kw x rpm):	5,080 kW x 85.0 rpm
NOR (kw x rpm):	4,320 kW x 80.5 rpm
Speed (service):	14.0 knots
Complement:	24
Classification:	NK
Handling gear:	30.5 t x 26 m/R (Nos.1~4)
Loading capacity (grain):	50,155.21 cub.m
(bale):	48,744.54 cub.m
Builder:	The Hakodate Dock Co., Ltd.

The Hakodate Dock Co., Ltd. delivered the 40,000 DWT type bulk carrier, PAIWAN BRAVE, built at its Hakodate Shipyard on 21st October, 2025. The vessel is the first vessel of a new series of HIGH BULK 40SE jointly developed with Namura Shipbuilding Co., Ltd. This design adopts all advantages of the previous generation of the HIGH BULK 40E series, with the concept of more competitiveness in maximizing the volume of cargo capacity for grains, coals, steels, etc. and more eco-friendly operation by reducing fuel consumption with optimized hull form and energy-saving devices.

Various measures for energy and fuel saving efficiency are incorporated in addition to the hull form such as the newly developed vertical shaped bow and three energy saving devices, the Namura flow Control Fin (NCF), the Rudder Fin (R-Fin) and the additional fins behind NCF attached to the stern, which improve propulsion performance and fuel saving efficiency. Therefore, this vessel has achieved EEDI (Energy Efficiency Design Index) Phase 3.

Semi-box shaped cargo holds with large cargo hatch covers and four deck cranes are adopted for serviceable and safer operations in cargo handling work. Double hull construction is adopted for security against unexpected occurrences such as collision damage and cargo leakage.