

Pilot Card
領港卡

SHIP PARTICULAR			
Vessel Name: DAIWAN MIRACLE		Port: MARSDEN POINT	
Gross tonnage: 21574	Net tonnage: 11199	Call Sign: D5QQ6	
Displacement (K/Tons):	DWT (K/Tons):	Year built: 2019-01-22	
Length (L.O.A.): 179.97	Beam: 30.00	Bulbous bow: 4.18	
Draught Fwd: 9.40	Draught Aft: 10.15	Draught amidships: 9.80	
Air draught: 31.1 M	Port anchor(shackles): 11	Stbd anchor(shackles): 11	
FREEBOARD: 14.05-Dm= 4.25 M		(1 Shackle = 27.5m/15 fathoms)	
MAIN ENGINE			
Type: MAN B&W/6S46ME-B8.5	Main Engine Power Status: ☐ Max Power with EPL: N.A (KW); N.A (HP) ☒ Max Power without EPL: 6260 (KW); 8511 (HP) (In case of emergency, EPL may be overridden and Master shall be informed)		
	RPM/Pitch	Loaded speed (kts)	Ballast speed (kts)
Full Ahead:	75	10.9	11.5
Half Ahead:	55	8.4	9.0
Slow Ahead:	45	7.0	7.6
Dead Slow Ahead:	36	5.7	6.3
Dead Slow Astern:	36		
Slow Astern:	45		
Half Astern:	55		
Full Astern:	75		
		95% Full ahead power	
Engine Critical RPM: 60-72	Max. No. of Consecutive Starts (Times): 12	Time from full ahead to full astern (Min.): 5	
Time limit astern (Min.): 75PRM, 13MIN		Minimum steering speed: 5.0	
STEERING PARTICULARS			
Number of propellers: 1		Direction of turn: NO 1 & 2	
Max. angle: 35		Propeller arrangement: ASTERN	
Time form hard-over to hard-over (Sec.): 22.8		Rudder angle for neutral effect (Deg.): NIL	
Thruster (position and power): N/A		Steering characteristics/ rudder type: SEMI-BALANCED STREAM LINED TYPE OF DOUBLE PLATED CONSTRUCTION	

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EQUIPMENT CHECKED AND READY FOR USE		
Anchors:	YES	Cleared away: YES/NO
Compass:	YES	
Compass error:	YES	
Speed log:	YES	Doppler: YES Speed: Water/Ground Axis: Single/Duel
Echo sounder	YES	
GNSS:	YES	Type: JLR-7800/JRC
ECDIS:	YES	
X-Band radar:	YES	ARPA: YES
S-Band radar:	YES	ARPA: YES
VHF (including handheld):	YES	
Steering gear:	YES	Number of Power units in use:
Engine telegraphs:	YES	
Rudder/rpm/rot. Indicators:	YES	
Mooring winches and lines:	YES	
Navigation lights:	YES	
Whistles:	YES	
EQUIPMENT OPERATIONAL DEFECTS (checked by WMC-09 / WMC-10)		
NIL, ALL IN GOOD CONDITION		
OTHER IMPORTANT DETAILS		
(e.g. ship wind age are, position of the Automatic Identification System (AIS) antenna safe working load (SWL) of bollards)		
Master's Signature:		Date: 01-Jan-2025

Reference: IMO Resolution A.601(15) Provision and Display of Maneuvering Information On Board Ships