

Pilot card

SHIP PARTICULARS			
Name : M/V HAPPINESS BULKER		Call sign : V7A5872	
Displacement : 46314	DWT : 37694	Year built : 2023	
Length : 179.97	Beam : 29.80	Bulbous bow : YES	
Draught fwd : 10.62	Draught aft : 10.94	Draught amidships : 10.78	
Air draught : 33.52	Port anchor : 12 shackles	Stbd anchor : 12 shackles	
1 shackle = 27.4m/15 fathoms			
The diagram illustrates the ship's profile and key dimensions. The overall length is 179.97 m, with a beam of 29.80 m. The draught at the bow is 10.62 m, at the stern is 10.94 m, and amidships is 10.78 m. The air draught is 33.52 m. The freeboard is 4.22 m. The diagram also shows the location of the manifold and the parallel waterline (W/L) for loaded ballast.			
MAIN ENGINE			
Type:	Max power : 5540		Max power : 7429
MAKITA-MITSUI-MAN B&W 6s46ME	kW		HP
	RPM / pitch	Loaded speed (kts)	Ballast speed (kts)
Full ahead :	74	10.7	11.7
Half ahead :	70	10.2	11.1
Slow ahead :	49	7.1	7.8
Dead slow ahead :	38	5.5	6
Dead slow astern :	38	63% Full ahead power	
Slow astern :	49		
Half astern :	70		
Full astern :	74		
Engine critical RPM : 56-67	Maximum number of consecutive engine starts : 15		Time from full ahead to full astern : 60 SEC
Time limit astern : LIMITLESS MIN.		Minimum steering speed :	

STEERING		
Number of propellers : 1	Direction of turn : RIGHT	Propeller arrangement : RIGHT HANDED
Time from hard-over to hard-over : 26 SEC		Rudder angle for neutral effects : 0.3 STARBOARD
Thrusters (positions and power) : N/A		Steering characteristics/rudder type : MARINER TYPE X 1 SET
EQUIPMENT CHECKED AND READY FOR USE		
Anchors :		Cleared away : YES/NO
Compasses :		
Compass error :		
Speed log :		Doppler YES/NO Speed : Water/Ground Axis : Single/Dual
Echo sounder :		JRC
GNSS :		Type : N/A
ECDIS :		JAN 9201
X-Band radar :		ARPA : YES/NO
S-Band radar :		ARPA : YES/NO
VHF (including handheld) :		JRC
Steering gear :		Number of power units in use : 2
Engine telegraphs :		Good Condition
Rudder/rpm/rot indicators :		Good Condition
Mooring winches and lines :		Good Condition
Navigation lights :		Good Condition
Whistles :		Good Condition
EQUIPMENT OPERATIONAL DEFECTS		
ALL GOOD WORKING CONDITION & NO DEFECTS		
OTHER IMPORTANT DETAILS (e.g. ship windage area, position of the Automatic Identification System (AIS) antenna, safe working load (SWL) of bollards)		

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

Master's signature : **CAPT. JERRY MAGNEN MANGUNE**

Date: **JULY 23, 2025**

