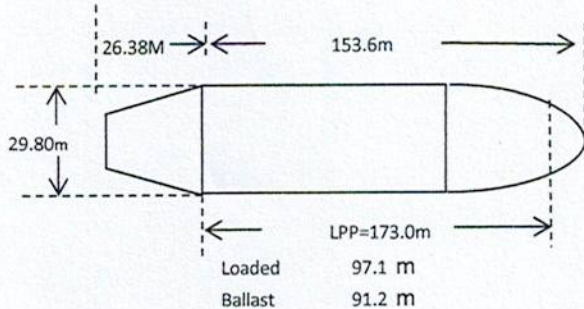


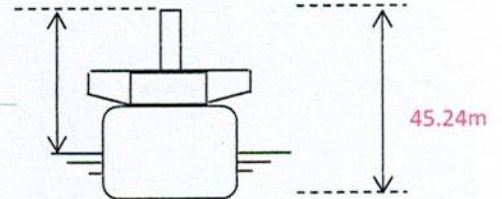
PILOT CARD

SHIP'S NAME: **MV KEN HARU** PORT: **Marsden Point, New Zealand** DATE: **15-Jun-2025**
 CALL SIGN: **H3PM** DEADWEIGHT: **21,554.00 MT** YEAR BUILT: **2021**
 DRAFT FWD: **6.80M 22.31FT** AFT: **7.82M 25.66FT** DISPLACEMENT: **30313.00 M/T**
 MN DRAFT: **7.31M 23.98FT** TRIM: **1.02M 3.35FT**

SHIP'S PARTICULARS					
L.O.A:	179.97 m	ANCHOR CHAIN:	PORT	10.5	SHACKLES
BREDTH:	29.8 m		STBD	11.25	SHACKLES
BULBOUS BOW:	YES		STERN	nil	SHACKLES
					1/SHACKLES= 27.50M 15 FATHOMS



AIR DRAFT
37.42



STEERING PARTICULARS					
TYPE OF STEERING:	SFC-60	MAXIMUM ANGLE:	35°	HARD OVER TO HARD OVER(35 to 30°)	22 SEC
Rudder angle for neutral effect	0°	port / starboard			
Thruster : Bow	NIL	Kw (nil hp),	Stern	nil	kw (nil hp)

*according to IMO Resolution A. 601 (15)

TYPE OF ENGINE:		MAKITA-MAN B&W 6S46ME-B8.5 WITH MET42MB			
MANEUVERING ENGINE ORDER		RPM	SPEED (KNOTS)		
			LOADED	BALLAST	
FULL AHEAD	A H E A D	74	10.30	10.60	
HALF AHEAD		68	9.70	9.80	
SLOW AHEAD		50	7.10	7.20	
DEAD SLOW AHEAD		39	5.50	5.60	
DEAD SLOW ASTERN	S T E R N	-39	TIME LIMIT ASTERN : 2.6 MIN		
SLOW ASTERN		-50	FULL AHEAD TO FULL ASTERN : 4.6 SEC		
HALF ASTERN		-68	MAX. NO. OF CONSECUTIVE STARTS (ONE RESERVOIR) : 12		
FULL ASTERN		-74	MINIMUM RPM: 39 5.0 KNOTS		
Main Engine Output (KW/HP)		5,920 KW / 7,959 HP	ENGINE CRITICAL RPM: 54~65 RPM		
			PROPELLER IMMERSION RATIO 85.98%		

CHECK IF ABOARD AND READY

ANCHORS:	☒	ENGINE TELEGRAPH:	☒	MAG.COMPASS:	☒
WHISTLE(FWD & AFT):	☒	STEERING GEAR:	☒	GYRO ERROR:	0.3W
RADAR:	☒ NO.1 (S-BAND) ☒ NO.2 (X-BAND)	USED:	☒	VHF NO.1 & 2:	☒
ECDIS-JRC:	☒ MAIN ☒ BACK UP	STANDBY:	☒	AIS:	☒
SPEED & DOPPLER LOG:	☒	RUDDER INDICATORS:	☒	GPS: 2 UNITS	☒
WATER SPEED:	☒	RPM:	☒	FATHOMETER (ECHO SOUNDER):	☒
GROUND SPEED:	☒	RATE OF TURN:	☒	NAVTEX RECEIVER:	☒
DUAL AXIS:	N/A	WIND SPEED:	☒		
		WIND DIRECTION:	☒		

NOTED BY:

PREPARED BY:

ONBOARD PILOT

CAPT. ANTONIO P. CABASAN JR.
MASTER OF M/V KEN HARU

