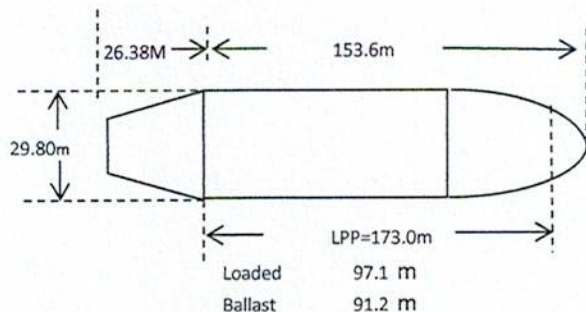


PILOT CARD

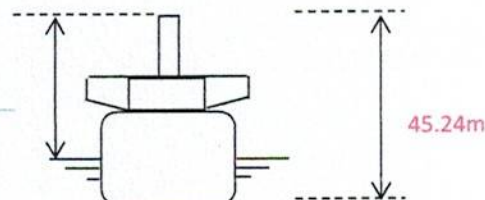
SHIP'S NAME: **MV KEN HARU** PORT: **Marsden Point, New Zealand** DATE: **19-Jun-2025**
 CALL SIGN: **H3PM** DEADWEIGHT: **38,730.90 MT** YEAR BUILT: **2021**
 DRAFT FWD: **10.58M** **34.71FT** AFT: **10.97M** **35.99FT** DISPLACEMENT: **47489.90 M/T**
 MN DRAFT: **10.78M** **35.35FT** TRIM: **0.39M** **1.28FT**

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



AIR DRAFT

34.27



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	74	10.30	10.60	
HALF AHEAD	H	68	9.70	9.80	
SLOW AHEAD	E	50	7.10	7.20	
DEAD SLOW AHEAD	A	39	5.50	5.60	
DEAD SLOW ASTERN	D				
SLOW ASTERN	S	-39	TIME LIMIT ASTERN :		2.6 MIN
HALF ASTERN	T	-50	FULL AHEAD TO FULL ASTERN :		4.6 SEC
FULL ASTERN	E	-68	MAX. NO. OF CONSECUTIVE STARTS (ONE RESERVOIR) :		12
	R	-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				141.25%	

CHECK IF ABOARD AND READY

ANCHORS: ☒
 WHISTLE(FWD & AFT): ☒
 RADAR: ☒ NO.1 (S-BAND) ☒ NO.2 (X-BAND) ☒
 ECDIS-JRC: ☒ MAIN ☒ BACK UP
 SPEED & DOPPLER LOG: ☒
 WATER SPEED: ☒
 GROUND SPEED: ☒
 DUAL AXIS: ☒ N/A

ENGINE TELEGRAPH: ☒
 STEERING GEAR: ☒
 USED: ☒
 STANDBY: ☒
 RUDDER INDICATORS: ☒
 RPM: ☒
 RATE OF TURN: ☒
 WIND SPEED: ☒
 WIND DIRECTION: ☒

MAG.COMPASS: ☒
 GYRO ERROR: ☒ 0.1W
 VHF NO.1 & 2: ☒
 AIS: ☒
 GPS: 2 UNITS ☒
 FATHOMETER (ECHO SOUNDER): ☒
 NAVTEX RECEIVER: ☒

NOTED BY:

PREPARED BY:

ONBOARD PILOT

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

