

# EK HAYATE Ship's Particular

## ~Geotechnical Drilling Vessel~

Date of last revise 2024/12/16

### Particular

Date of building	2010/4/1
Builder	Colombo Dockyard Hull 215
Class	Class NK
Ship number	144739
IMO No.	9491551
Class number	109522
Call Sign	7KQI
Purpose	Drilling vessel
Navigation Area	Greater Coasting Area A3 International
LOA	78.00m
LPP	72.59m
Breadth	17.00m
Depth	8.00m
Draft	6.30m
Deck Area	810m <sup>2</sup>
Gross Tonnage	3201t
International Tonnage	3404t
Net Tonnage	1201t
Maximum Person	50 (Crew 20, Passenger 0, Other 30) 1 man cabin 6, 2 man cabin 22
Class Notation	(GS/SV, FFV1)(PSCM)(DPS B)(NVC.C)

### Engine / Propeller

Main Engine	MAK 2 x 3111 BHP (2320 KW / 720 RPM)
Propeller	CPP x 2
Generator	Shaft Generator 1,600kw x 2 Main Generator 460kw x 2
Speed	13.0kts Sea trial max speed 11.5kts Navigation speed
Bow Thruster	2 X 15 TONS KAWASAKI KT-157BS
Stern Thruster	2 X 7 TONS KAWASAKI KT-55B3

### Navigational Equipment

DPS(DP2)	CONVERTEAM DPS 21 DUPLEX
Rader x 2	JRC JMS-5312-6 (X-BAND) JRC JMA-5332-12(S-BAND)
DGPS	JRC JLR-7700MKII
AIS	JRC JHS-182 BB54970
Echo Sounder	JRC JFE-680
Auto Pilot	JRC/APSO S/N: 20214045
Gyro Compass x 3	TELEDINE TSS/MERIDIAN STANDARD
Magnet Compass	CASSENS & PLATH
ECDIS x 2	JAN-7201



### Drilling Equipment

- Twin derrick type construction with overall height 18m allowing the use of "Range 1" (6Mtr) drill pipe
- Compensator carriage (Travelling block) giving a SWL load of 25,000KG below the power swivel
- Main Drilling Heave Compensator with a passive air over oil system which working stroke of 4m
- Dando Model 1000 Power Swivel
- "Rooster Box" man riding platform which allows the safe deployment of wire line sampling & testing tools through the center of the drill string
- Equipped with a full set of Wison-APB Classic Wireline CPT, S&P Waves Offshore Seismic Source and Wison-APB 50kn Icone
- Push sampling tool or spot PQ coring and QD Tech "Alien" Rock Sampler
- Onboard Soil Testing Laboratory

### Deck Machinery

Capstans x 2	8t	15m/min
Windlass x 2	7.8t	10m/min
Anchor	2 Anchor each	12 Shackle P/S Side
	AC-14	40 mm x 1,710kg x 2
Deck Crane	3.2t	
	Outer reach	16m

### Capacity

FO tank	764.97m <sup>3</sup>
FW tank	762.23m <sup>3</sup>
Ballast tank	914.09m <sup>3</sup> (Permanent)
Main deck	754m <sup>2</sup> (7Ton / m2)
Deadweight	3,587t Dead weight
Light weight	2,575t Light weight

### Contact

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