



## **HISTORY OF PNS TUGHRIL IN THE PAKISTAN NAVY** **(Compiled by the PN History & Archive Centre, Karachi )**

### **Historical Significance of the Name TUGHRIL**

Tughril Bey is a Persian name, full name: *Rukn al-Dunya-wa-al-Din Abu Talib Muhammad Toghrul-Beg ibn Mikail*, also spelled Toghrul I, Tugril, Toghril, Tugru. Its origins are associated with the Turkoman founder of the Seljuk Empire during the 11th and 14th centuries.

### **History of the name Tughrul in the TURKISH NAVY**

Ertuğrul was a sailing frigate of the Ottoman Navy launched in 1863, she sailed from Istanbul for a goodwill cruise to Japan in 1889 with Captain Ali Osman Bey in command. While returning from a goodwill voyage to Japan in 1890, she encountered a typhoon off the coast of Wakayama Prefecture, subsequently drifted into a reef, and sank. 14 July 1890, with the loss of more than 500 sailors and officers, including Rear Admiral Ali Osman Pasha. Only 69 sailors and officers survived and returned and returned home later aboard two Japanese corvettes. The event is still commemorated as a foundation stone of Japanese-Turkish friendship. In February 1891, a cemetery was established for the 150 bodies recovered from the sea, and a memorial next to it was built near the lighthouse in the town of Kushimoto, Wakayama.] On 3 June 1929, Emperor Hirohito visited the cemetery, which was extended the same year. Turkey renovated the monument in 1939. In 1974, a "Turkish Museum" was established in Kushimoto, in which a scale model of the ship, photographs, and statues of the sailors are on exhibition.

### **History of use of the name in the PAKISTAN NAVY**

#### **PNS TUGHRIL 1 (Ex HMS ONSLAUGHT) D**

The PN chose to use the name TUGHRIL for the first time in 1950 when the second of the first two 'O' Class destroyers was acquired by the then Royal Pakistan Navy (RPN) from the Royal Navy. HMS ONSLAUGHT D-19 was commissioned in the then RPN as HMPS TUGHRIL (D-261) as part of the 25th Destroyer Squadron. She represented the PN at various commonwealth ceremonies in the UK, and Australia and was part of the first International exercises (JET exercises) in which RPN took part in Trincomalee in 1951. In 1959 she was sent to the UK where she went through a major refit, converting her from an 'O' Class destroyer to a Type 16 ASW Frigate (F-261), with a completely new suite of armament & sensors. In the 1965 war, she was under refit, but was boxed up and joined the Flotilla on 22 September 1965. In August 1968 while at sea, she suffered a fire and boiler meltdown, leading to the death of an ERA. From 1968 onward she remained in the harbor. Machinery and equipment on board the ship was cannibalized and used to keep her sister ship PNS TIPPUSULTAN operational. In 1971 the war TUGHRIL by then decommissioned was berthed at NB4 and augmented the AA Defence resources of the Karachi Harbor. In mid-1972 she was dry moved to a buoy off the naval academy where she continued to perform duties as a tender to the Naval Academy (PNS RAHBAR) for Seamanship and Harbor Drills Training for cadets till 1976 when she was scrapped.

## **PNS TUGHRIL 2 (Ex USS HENDERSON) (D167)**

Upon acquisition in the late '70s and early '80s by the PN of ex-USN Gearing FRAM-1 Destroyer, the PN chose to use the name TUGHRIL again and named the third Gearing class Destroyer (ex USS HENDERSON) as PNS TUGHRIL (D167). The unit formed part of the 25<sup>th</sup> Destroyer Squadron and delivered yeoman service throughout the 1980'S. In 1986 she became the first PN Unit to be retrofitted with modern weapons and sensors including Vulcan Phalanx CIWS, Harpoon RGM 84 Missles, and state-of-the-art ESM / ECM systems. In 1993, she participated in the UNISOM operation ferrying troops to Smaia for Operation Restore Hope. She was paid off from active service in 1998 and recommissioned as MSS NAZIM the HQ Ship of the Maritime Security Agency.

## **PNS TUGHRIL 3 (F-54 A/P FFG) BRAND NEW SHIP (261)**

PNS TUGHRIL – 3 is the largest and most technologically-advanced warship that China has ever exported. The warship is capable of undertaking a variety of surface-to-surface, surface-to-air, and underwater operations controlled by state-of-the-art Combat Management and Electronic Warfare system along with modern self-defense capabilities, She is the first of the four frigates built by China to be inducted into the PN Fleet and is aimed further strengthening efforts for peace and stability in the region.

Islamabad signed a contract with the China Shipbuilding Trading Company Ltd. (CSTC) for the delivery of two Type-054 A/P frigates in 2017. A deal for two more ships was signed in June 2018.

**ANNEX A:           EVER-EVOLVING PROFILE OF PNS TUGHRIL (1950-2022)**

**ANNEX B:           GLIMPSES OF TYPE-054 A/P FRIGATE PNS TUGHRIL (2022)**

**ANNEX C:           LIST OF COMMANDING OFFICERS**



**EVER EVOLVING PROFILE OF PNS TUGHRIL  
(DEVELOPED BY PN HISTORY & ARCHIVE CENTRE)**

Annex A



**1951 – 1959  
Ex HMS Onslaught**



**1960 – 1968/74  
PNS TUGHRIL**



**1980 – 1998  
Ex USS HENDERSON**



**2021  
CONSTRUCTED BRAND NEW**

**TYPE 54 AP - GUIDED MISSILE FRIGATE**  
**PNS TUGHRIL (261)**

*(PN History & Archives Centre, marks the arrival of PNS TUGHRIL)*





PNS TUGHRIL is the first of four frigates of Type 054 A/P being built at Hudong-Zhonghua Shipyard Huangpu Shipyard for the Pakistan Navy. She was launched in August 2020, and commissioned in to service on 8 November 2021. The Type 054A is a multi-role frigate built at a cost of US Dollar 212 million per piece. The Guided missile frigate is equipped with modern combat management and state-of-the-art self-defence capabilities. Prepared with an electronic warfare system, it can reportedly simultaneously execute a number of naval

warfare missions in a highly intense multi-threat environment. Compared to previous Chinese frigates in service with the PN, the TUGHRIL has better air defence capability, as it is equipped with an improved 3D radar system and a larger amount of missiles with a longer range. General Characteristics of the vessel are as under:

General characteristics	
<b>Type</b>	<a href="#">Frigate</a>
<b>Displacement</b>	4,053 tonnes (full) (CCTV report)
<b>Length</b>	134.1 m (440 ft) (CCTV report)
<b>Beam</b>	16 m (52 ft) (CCTV report)
<b>Propulsion</b>	<a href="#">CODAD</a> , 4 × <a href="#">Shaanxi</a> 16 PA6 STC diesels, 5700 kW (7600+ hp @ 1084 rpm) each
<b>Speed</b>	27 <a href="#">knots</a>
<b>Range</b>	8,025 nautical miles (9,235 mi; 14,862 km) estimated
<b>Complement</b>	165
<b>Sensors and processing systems</b>	<a href="#">Type 382 Radar</a> SR2410c <a href="#">AESA radar</a> (054A/P) <a href="#">Type 517 radar</a> (054A/P) <a href="#">Type 344 Radar</a> (Mineral-ME <i>Band Stand</i> ) target acquisition and SSM fire control radar 4 × <a href="#">Type 345 Radar</a> (MR-90 <i>Front Dome</i> ) SAM fire control radars <a href="#">MR-36A</a> surface search radar, I-band Type 347G 76 mm gun fire control radar 2 × <a href="#">Racal</a> RM-1290 navigation radars, I-band MGK-335 medium frequency active/passive sonar system <a href="#">H/SJG-206 towed array sonar</a> ZKJ-4B/6 (developed from <a href="#">Thomson-CSF</a> TAVITAC) combat data system HN-900 <a href="#">Data link</a> (Chinese equivalent of <a href="#">Link 11</a> A/B, to be upgraded) SNTI-240 <a href="#">SATCOM</a> AKD5000S Ku band <a href="#">SATCOM</a>
<b>Electronic warfare &amp; decoys</b>	Type 922-1 <a href="#">radar warning receiver</a> HZ-100 <a href="#">ECM</a> & <a href="#">ELINT</a> system Kashtan-3 missile jamming system
<b>Armament</b>	
<b>Aircraft carried</b>	

**ANNEX C****LIST OF COMMANDING OFFICERS****HMPS TUGHRIL (261) (EX HMS ONSLAUGHT (O Class Destroyer) later Type 16 Frigate))**

S No	Rank & Name	Year
1.	Cdr S M Ahsan DSC RPN	1950
2.	Lt Cdr Muzaffar Hassan RPN	1951
3.	Lt Cdr M B A Awan RPN	1953
4.	Cdr M M Hussain RPN	1955
5.	Cdr H H Ahmed PN	1958
6.	Cdr H H Zaidi PN	1965
7.	Cdr Asad Ullah Khan PN	1967
8.	Cdr Riaz Ahmed PN	1971
9.	Capt K M Alam PN ( <i>As tender unit to PNS RAHBAR</i> )	1972*

\* The ship was de-commissioned and disposed as scrap in 1977.

**PNS TUGHRIL (167) (EX USS HENDERSON (Gearing FRAM 1 Destroyer) later DDG))**

S No	Rank & Name	From	To
1.	Cdr M W Khan PN	Sep 1980	Oct 1981
2.	Capt I H Naqvi PN	Oct 1981	May 1983
3.	Capt Fasih Bokhari PN	May 1983	Sep 1983
4.	Cdr Fayyaz Ur Rehman PN	Sep 1983	Jul 1984
5.	Cdr Arif Nasir PN	Jan 1985	Aug 1985
6.	Capt Usman N Umer PN	Aug 1985	Jun 1986
7.	Cdr Tajuddin Najmi PN	Jul 1986	Jan 1988
8.	Cdr Syed Asif Ali PN	Jan 1988	Jan 1989
9.	Cdr Irfan Ahmed SJ PN	Jan 1989	Dec 1990
10.	Capt Sh. Rashidullah PN	Jan 1991	Feb 1992
11.	Cdr Tariq Masood	Feb 1992	Jun 1993
12.	Capt Syed Afzal PN	Nov 1993	Feb 1995
13.	Cdr S M Obaidullah PN	Jun 1995	Dec 1995
14.	Capt Momin Ghani PN	Jul 1997	Feb 1998*

\* The ship was decommissioned and handed over to PMSA in 1998 as HQ Ship