INTRODUCTION

ORGANISATIONAL STRUCTURE

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- Missile Corvette
- Patrol Vessel
- Mine Countermeasure Vessel
- Landing Ship Tank
- Submarine

OUR PEOPLE

Officer
Specialist

NAVY ASPIRATION
Singapore's borders are Maritime. Its neighbourhood is Maritime. The sea is Singapore’s lifeline and link to the outside world. A maritime nation like Singapore relies on the freedom of access to the sea for its prosperity and depends on the sea lanes to ensure an unbroken supply of daily necessities.

Singapore owed its rapid development and economic success in no small measure to the good fortune of being strategically located astride the world’s key and busiest shipping lanes. This enabled Singapore to flourish, first as a classical emporium built on the foundation of entrepot trade and now, as a Maritime hub of world-class standards.
Singapore’s security, survival and success continues to be inextricably linked to the sea.

Today, the vital tasks of ensuring Singapore’s seaward defence and protecting its sea lines of communication are the raison d’etre of the Republic of Singapore Navy.

From its humble beginnings, the Singapore Navy has transformed itself in a space of 40 years from a two-ship Navy to a well-balanced and strong naval force, capable of fulfilling a full range of missions spanning peace to war.
SINGAPORE NAVY

Navy

Naval Staff

WARCENs

Naval Inspectorate

Navy Medical Services

Naval Surface Warfare Centre

Naval Underwater Warfare Centre

Training Command

FLEET

Naval Diving Unit

Institute of Maritime Warfare

Institute of Maritime Operations and Systems

Missile Corvette Combat Simulation Centre

Tactical Training Centre

Patrol Vessel Combat Simulation Centre

Camp Commandant’s Office - Tuas

First Flotilla

188 Squadron

171 Squadron

Missile Corvettes

Submarines

Second Flotilla

191 Squadron

Landing Ships Tank

Third Flotilla

192/193 Squadron

Civil Resource Vessels
The FLEET is the principal strike arm of the RSN with a potent fighting force that is well equipped and capable of defending Singapore and her sea lines of communication. Under its command are the First Flotilla, the Third Flotilla, the Submarine Squadron and two Base Defence Squadrons.

The First Flotilla comprises the Missile Corvette (MCV) Squadron and the Frigate Squadron. The ships from First Flotilla are equipped with advanced weapons and sensors capable of conducting warfare across all three dimensions; air, surface and underwater. The First Flotilla is supported by the Maritime Patrol Aircraft (MPA) Squadron, which is organised under the Republic of Singapore Air Force (RSAF), but with RSN personnel forming part of the operational crew.

The Third Flotilla comprises the Landing Ship Tank (LST) Squadron and the Civil Resource Squadron. The LSTs provide sea transportation and logistical support for the SAF’s overseas operations and training requirements. The Civil Resource Squadron mobilises civil resource vessels to support the SAF and the RSN, when required.

The Submarine Squadron provides an added sub-surface dimension to the FLEET’s operations and greatly enhances the RSN’s capabilities in the underwater battle space.
The MARITIME SECURITY TASK FORCE is responsible for ensuring the maritime security of the Singapore Strait 24 hours a day, throughout the year. It works closely with other homeland agencies, such as the Police Coast Guard and the Maritime and Port Authority of Singapore to maintain continuous surveillance and security operations in the Strait. Under its command are the Patrol Vessel (PV) Squadron, the Mine Counter-Measure Vessel (MCMV) Squadron and the Shipping Control Squadron.

The PV Squadron undertakes round the clock patrols to safeguard Singapore’s territorial waters, combat piracy and counter possible terrorist attacks. The MCMV Squadron conducts regular surveys to keep the seabed clear of mine threats and obstacles that could hinder shipping.

The Shipping Control Squadron monitors the shipping that ply the Singapore Strait and tasks the Accompanying Sea Security Teams (ASSeTs) to conduct security checks and escort on selected ships that call on Singapore’s ports.
TRAINING COMMAND is responsible for all aspects of training in the RSN. It comprises the Institute of Maritime Operations and Systems (IMOS) and the Institute of Maritime Warfare (IMW).

IMOS oversees the overall professional development and training of our people to fulfill their roles in the RSN. IMW oversees all maritime warfare training conducted in its simulation and tactical training centres to ensure that the proficiency of RSN combat teams are maintained at the highest standards.
NALCOM is the logistics executive arm of the RSN. It serves as a one-stop integrated logistics support and is responsible for the overall logistics readiness of RSN ships and systems.

NALCOM comprises HQ NALCOM Branches, and five Units; namely Tuas and Changi Maintenance Bases, Naval Materials and Transport Base, and Camp Commandant Offices for the two naval bases. Together, NALCOM provides integrated logistics support for the conduct of operations and exercises.

Together with the Naval Logistics Department, NALCOM works closely with her industrial partners such as Singapore Technologies Engineering and the Defence Science & Technology Agency to capitalise on their expertise. These strategic partners build up expertise and capabilities to support and work with the RSN for the overhaul, repair and servicing of the RSN’s ships and equipment.
The SAF Diving Centre was formed in 1971 comprising a small group of 16 divers. It was renamed **NAVAL DIVING UNIT (NDU)** in 1975. In the 1980s, NDU started to move beyond a support role to include combat diving and mine clearance operations. Naval Divers were sent overseas for courses like the Basic Underwater Demolition, Explosive Ordnance Disposal (EOD) and the elite Sea Air Land (SEAL) course.

Tough training is the hallmark of the Naval Diver from Day One. “Nothing Stands In Our Way” is a creed that all naval divers from the RSN live by. Their training equips them with fear-busting courage and prepares them for strenuous physical exertion in operations.
TUAS NAVAL BASE, officially opened in 1994, provided additional space to house the growing Navy. Innovative use of finger piers enabled Tuas Naval Base to maximise its wharf area, which has a berthing space of more than two kilometres. It is home to several operational and support units. Facilities include a floating dock with a 600-tonne lifting capacity, and an automated storage and retrieval warehouse.

Opened in 2004, CHANGI NAVAL BASE is a modern base, built to better meet the operational requirement of the growing Navy. It is equipped with smart features to automate and optimise its operations. With a berthing space of 6.2 kilometres, CNB can accommodate large ships, including aircraft carriers.
Based on the French La Fayette class design, the FORMIDABLE-class frigates are highly capable warships equipped with state-of-the-art combat systems that allow them to perform a wide spectrum of missions and deal with a range of threats in all dimensions of naval warfare.

Leanly manned with a crew of 71, she achieves her mission by leveraging on a high level of automation and enhanced work processes. These frigates can stay at sea and sustain high-tempo operations for long periods due to their enhanced platform capability.

**Length:** 114 metres  
**Beam:** 16 metres  
**Displacement:** 3,200 tonnes  
**Speed:** In excess of 25 knots  
**Range:** 3,500 nautical miles  
**Crew:** 71 + 19 (air attachment)  
**Weapons:** Harpoon anti-ship missile  
OTO Melara 76-mm naval gun  
Aster surface-to-air missile  
Whitehead torpedo  
**Helicopter:** Sikorsky S-70B
The VICTORY-class missile corvettes are the first RSN ships designed to deal with the underwater threat posed by submarines. They are armed with sophisticated air and surface surveillance radar and the latest weaponry, including anti-submarine torpedoes and Harpoon missiles.

**Length:** 62 metres  
**Beam:** 8.5 metres  
**Displacement:** 600 tonnes  
**Speed:** In excess of 30 knots  
**Range:** 2,000 nautical miles  
**Crew:** 46  
**Weapons:** Harpoon anti-ship missile  
OTO Melara 76-mm naval gun  
Barak surface-to-air missile  
Whitehead torpedo  
CIS 0.5-inch machine gun
Designed and built in Singapore, the **FEARLESS-class** patrol vessels are responsible for Singapore’s coastal defence. These vessels are propelled by waterjets instead of propellers.

**Length:** 55 metres  
**Beam:** 8.6 metres  
**Displacement:** 500 tonnes  
**Speed:** In excess of 20 knots  
**Range:** 1,800 nautical miles  
**Crew:** 30  
**Weapons:**  
- OTO Melara 76-mm naval gun  
- Mistral surface-to-air missile  
- Whitehead torpedo  
- CIS 0.5-inch machine gun
Mines pose a serious threat to Singapore’s economy. The Navy’s ability to deal with such underwater menace was bolstered with the acquisition of four BEDOK-class MCMVs. These glass-fibre reinforced plastic hulls vessels, are adapted and designed to be manoeuvrable, stable, well-protected and stealthy to underwater mines.

- **Length:** 47.5 metres
- **Beam:** 9.6 metres
- **Displacement:** 360 tonnes
- **Speed:** 15 knots
- **Crew:** 28
- **Weapons:**
  - Bofors 40-mm naval gun
  - CIS 0.5-inch machine gun
The **ENDURANCE-class** Landing Ship Tank were designed with a higher speed and greater lift capability, allowing them to support the transportation needs of the SAF better.

The Landing Ships Tank can embark on a range of modular capabilities to support a myriad of missions, from being a command ship during major intra-RSN exercises to being deployed for Humanitarian Assistance and Disaster Relief operations.

Their organic logistics capacities enables them to operate as an afloat forward staging base, while their on-board medical facilities allow the rendering of medical assistance.

**Length:** 141 metres  
**Beam:** 21 metres  
**Displacement:** 6,000 tonnes  
**Speed:** In excess of 15 to 20 knots  
**Crew:** 65  
**Weapons:**  
- OTO Melara 76-mm naval gun  
- Mistral surface-to-air missile  
- CIS 0.5-inch machine gun
Submarines are a key component of a balanced and capable Navy. Armed with modern wire-guided heavyweight torpedoes, submarines are able to deal a lethal blow to the enemy surface fleet.

RSN's underwater capabilities took a major step forward with the acquisition of four CHALLENGER-class submarines from the Royal Swedish Navy in the 1990s. It was later modified for operations in tropical waters.

**Length:** 51 metres  
**Beam:** 6.1 metres  
**Displacement:**  
  - 1,130 tonnes (surfaced)  
  - 1,200 tonnes (submerged)  
**Speed:**  
  - 10 knots (surfaced)  
  - 16 knots (submerged)  
**Crew:** 28  
**Weapons:** Torpedo
The RSN’s Officers are an exceptional breed of men and women who command the Navy. They lead by sterling example and are empowered to make the most crucial decisions. They help the RSN excel and overcome challenges with integrity, strength, perseverance and intelligence.

There are three groups of Officers:

**NAVAL OFFICER**

The RSN’s Naval Officers play a multi-faceted role - as leaders of men, maritime warfare strategists, and ambassadors for Singapore. They are entrusted to manage, motivate and lead crew on warships, and ultimately assume top command positions.

**NAVAL ENGINEERING OFFICER**

Hand-picked from the best talents in the engineering field, the Naval Engineering Officers maintain the RSN’s lead as a cutting-edge force. They take command of the modernisation, research and integration of both ship and shore platforms.

**NAVAL TECHNICAL OFFICER**

The creative architects of RSN’s high-tech warships and defence systems, Naval Technical Officers introduce the latest naval technology to the RSN. They integrate sophisticated logistics support and naval warfare systems to propel the RSN into the future.
The RSN would not be what it is today without its dedicated team of officers and specialists. It invests heavily in training its people to develop them into competent, capable and committed naval professionals - allowing them to achieve their full potential in a fulfilling career.

To attract talents, the RSN offers the following scholarships:

- **SAF Overseas Scholarship (SAFOS)**
- **SAF Merit Scholarship (SMS) - Combat/Engineering/Psychology**
- **SAF Academic Scholarship (SAS) - Military/Combat/Engineering/Psychology**
- **SAF Local Study Award (LSA)**

For more information on scholarship and service schemes, please visit www.navycareers.gov.sg or call 1800-2780000.

▲ CPT Tan Say Yong won the top foreign graduate prize from the United States Naval Academy in 2004.

▲ MAJ Frederick Chew clinched the Commandant Prize for Overall Academic Achievement at the Australian Defence College in 2005.
As subject matter experts in their own fields, the RSN Specialists play a vital role in all naval operations. They are naval professionals who are highly trained in their respective vocations. They are the dedicated men and women who work together with the officers to defend Singapore.

Naval Specialists serve in several unique and challenging vocations.

**NAVAL SYSTEMS SPECIALIST**

Naval Systems Specialists are tasked with both the operation and maintenance of the Navy’s weapons and complex engineering systems. There are three main types of Naval Systems Specialists: Electronics, Ordnance & Electrical Weapon Systems, and Ship Systems.

**NAVAL COMBAT SYSTEMS SPECIALIST**

These are combatants who are tasked with the operation of the Navy’s advanced combat systems. There are three main types of Naval Combat Systems Specialists: Navigation & Detection, Communications & Electronics, and Weapon Systems.

**NAVAL DIVER**

The elite combat force in the RSN, the Naval Divers possess tenacity and grit to operate flawlessly both in and out of water. Only a selected few will become Naval Divers - tough professionals trained in explosive ordnance disposal, search and rescue, mine clearance and underwater salvage.

▲ Hitting the books at the age of 31 did not stop MSG Sekar from bagging the Micron Gold Medal Award at Ngee Ann Polytechnic.
The RSN offers attractive sponsorship and induction schemes for students who wish to join the Navy. These are:

- **Joint Poly-SAF Diploma Scheme (JPSDS)**
- **SAF-ITE Sponsorship Scheme (SISS)**
- **Diploma Induction Scheme (DIS)**
- **ITE Induction Scheme (ITEIS)**

For more information on sponsorship and service schemes, please visit www.navycareers.gov.sg or call 1800-2780000.
SINGAPORE is a maritime nation. The sea is Singapore’s lifeline and link to the world. Our Navy plays a vital role in ensuring Singapore’s seaward defence, protecting its Sea Lines of Communication, and safeguarding its sovereignty. We stand ready to conduct a wide range of missions in peacetime through war, with our comrades in arms from the other services of the SAF as well as with partners who share our common goals.

We will do our utmost to ensure that our Navy remains a formidable, balanced and flexible force. We will develop new cutting-edge capabilities, devise imaginative operational concepts and transform to meet tomorrow’s challenges. Our training, support capabilities and safety standards must always be of the highest levels - to give depth, robustness and sustenance to our fighting capabilities.

We will always be committed to our people and our mission - united and inspired by our shared values. We are courageous, tenacious, and forward-looking. We embrace excellence, never settling for second best when we can be the very best in what we do. We aspire to be a Navy that is readily acknowledged to be a professional and dependable force. It is for us to make certain that our Navy remains committed, strong and ready - a Navy that we value and a Navy that Singapore can be proud of.