

French Coastguard Function

Training Catalogue





FRENCH COASTGUARD FUNCTION

Training catalogue



The missions

Ensure security and safety at sea:

- Search and rescue operations
- Crisis Management
- Environmental protection
- Counter pollution operations

Protect resources:

- Monitoring and policing of the EEZ
- Fishery
- Sea bed exploitation
- Marine scientific research
- Marine renewable energies

Hinder and repress illegal activities:

- Drug trafficking
- Protected species smuggling

Cooperate and coordinate:

- With local actors
- With international partners

**Strengthening interactions, common works, and mutual training,
in order to improve our resilience together**





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Formation

Three types of training are displayed :

Type A training courses are provided exclusively in French Polynesia or New Caledonia

- Training involving a physical displacements in the territory
- Participation in the implementation of heavy offshore equipment
- Financing of travel covered by France (reserved for PICs)

Type B training provided from Navy means in a host country

- Implementation of specific equipment (dams, skimmers, etc.) that must be specially loaded
- Possibility of involving partner countries own resources
- On request of the host State, or on proposal from France on the occasion of a deployment.
- Possibility of training without notice when they do not involve the boarding of specific equipment

Type C training provided in French Polynesia or New Caledonia with the means of the requesting State.

- Exercises with the naval means of the requesting country
- Implementation of pollution control equipment.





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Theme : Fighting against maritime pollution

Formation 1: Using hydrocarbons pollution recovery system

Typical training A,B,C

Duration of the exercise: 6 hours

Exercise location: at sea/port area

Type of nautical means: Patrol vessel, multi-mission vessel, tug or light ships of the Navy

Type of recovery means: REYCAU type dam, fire barrier, BARRACUDA dam, FOILEX TDS 200, TDS 118, KOMARA 20K, LAMOR Minimax 30.

Description:

- Training in a logic of static containment to limit the spread of the pollutant and promote its recovery.
- Presentation of the different types of equipment that can be mobilized on land.
- Training exercise to control pollution by launching an offshore or coastal anti-fire dam in order to contain oil pollution. Then set up a system to recover the spill by skimmer pump or brush.

Formation 2: Using a high-sea THOMSEA/SEINIP-type trawl (big model)

Type A and C training

Duration of the exercise: 4 hours

Exercise location: at sea/port area

Type of Nautical Assets: Patrol Vessel, Multi-mission Vessel, and/or Navy Tug, Naval Base Light Vessels.





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Description:

- Training in a logic of static containment to limit the spread of the pollutant and promote its recovery.
- Presentation of the conditions of use of the THOMSEA trawl.
- Anti-pollution exercise by launching and towing a THOMSEA 3-pocket trawl - a large model for the recovery of oil pollution.

Formation 3: Using small-model trawls from crafts

Type A,B,C training

Duration of the exercise: 4 hours

Exercise Location: Port Area

Type of nautical means: Patrol vessel, multi-mission vessel, and or tug of the Navy, light ships of the naval base.

Can be implemented by private means (type poti marara, small fishing trawler).

Type of trawl means: NOTIL, THOMSEA small model

Description:

- Training in a logic of static containment to limit the spread of the pollutant and promote its recovery.
- Presentation of the different types of equipment that can be mobilized on land.
- An anti-pollution exercise involving the launching and towing of a small trawl by one or two vessels to recover oil pollution.





Theme : Search and rescue (SAR)

Formation 4 : Search & Rescue methods

Type A,B,C training

Duration of the exercise: 2 hours

Location of exercise: at sea

Aerial means: Navy Dauphin and/or Falcon 200/ Falcon 50 Helicopter

Description:

- Presentation of the different SAR patterns by the JRCC or the « Law enforcement at sea » office.
- Presentation of the role of the “on scene coordinator” for an aeronautical medium.
- Exercise to apply a search area in an aeronautical medium according to different IAMSAR patterns.





Theme : Maritime monitoring

Formation 5: Maritime monitoring – WCPF training

Type A,B,C training

Duration of the exercise: 2 hours

Location of exercise: at sea

Aerial means: National Navy Dauphin and/or Falcon 200/ Falcon 50 Helicopter

Description:

Boarding on an aircraft for an EEZ surveillance operation.
Follow-up of a control operation of a fishing vessel by an aeronautical means within the framework of the WCPFC: preparation of the mission, briefing, shots, overflight, interrogation, exchange of information.

Formation 6: UAV : basic use of UAV for MARPOL, NARCOPS, fishing surveillance operations/ Formation UAV pour MARPOL, NARCOPS, fishing surveillance operations (to come)

Type A,B,C training

Duration of the exercise: 2 hours

Exercise location: at sea/port area

Type of nautical means: Patrol vessel, multi-mission vessel, and or tug of the Navy, light ships of the naval base.

Description:

Training exercise for the control of UAVs as part of the anti-pollution shooting and the monitoring of police operations at sea.





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Formation 7: Visit operation exercise on board French or local vessel (VISITEX)

Type A,B,C training

Duration of the exercise: 4 hours

Exercise location: at sea/port area

Maritime means: Patrol Vessel, Multi-mission Vessel, and/or National Navy Tug, MCP

Description: Visit a ship by a dedicated team.

Variation of the different phases:

- Presentation of a briefing
- Presentation of the equipment
- Ship Inquiry Phase
- Sea Visit Phase
- Feedback





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Theme : Major exercise

Formation 8 : Major exercise – fighting against maritime pollution

Type A and C training

Duration of the exercise: 6 hours

Exercise Location: Sea/Land

Type of Aeronautical Assets: Patrol Vessel, Multi-mission Vessel, and or Navy Tug, Naval Base Light Ships. Navy Helicopter and Falcon 200.

Type of pollution control: all

Description:

Pollution control exercise following a fictitious marine event that resulted in the apparition of a pollution:

- At-sea declination of the containment, recovery and storage phases of a hydrocarbon spill.
- Sending an expertise and response team to fight against the pollution
- Follow up of institutional actors
- Activation of cooperation plans





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Formation 9: Major exercise – fighting against illegal trafficking at sea

Type A and C training

Duration of the exercise: 6 hours

Exercise Location: Sea/Land

Aeronautical means: Patrol Vessel, Multi-mission Vessel, Surveillance Frigate, Navy Helicopter and Falcon 200.

Description: Counter Illicit Trafficking Exercise.

Ashore:

- Crisis management with institutional actors
- Request for implementation of Article 17 of the Vienna Convention

At sea:

- Boarding of the vessel
- Sending a visit team
- Flag Investigation
- Search for narcotic products
- Recovery of physical evidence
- Implementation of enforcement measures
- Introduction of restraint and deprivation of liberty measures
- Ship Diversion





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Theme : Assistance to disabled vessels

Formation 10: Manoeuvres: towing operations (towed/towing vessel)

Training type A,B,C.

Duration of the exercise: 3 hours.

Place of the exercise: at sea/port area.

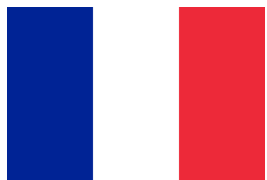
Type of means: Patrol vessel, multi-mission vessel, and or Navy tug.

Description:

In order to respond to its maritime assistance function as established in the IMO Resolution MAS A.950, the Navy organizes towing exercises of all types of ship if the need cannot be met by private means of intervention.

The purpose of this training is to place a trailer and tow a vessel safely for the crew and the means on board





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Maritime and air assets

BSAOM BOUGAINVILLE & BSAOM D'ENTRECASTEAUX

Respectively deployed from the French naval bases in Papeete and in Nouméa, the multipurpose ships Bougainville and D'Entrecasteaux can perform sovereignty, law enforcement and logistic missions in the Pacific.

The vessels' class "BSAOM" is one that is specifically designed for the French overseas regions and territories, tailored for support and relief missions.

Therefore, D'Entrecasteaux and Bougainville are perfectly equipped to support the Pacific Islands Countries to face environmental challenges such as fishing surveillance, HADR post Typhoon or coastal flooding.

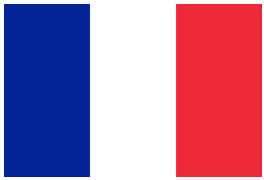


Multifunction vessel main features

Name: BOUGAINVILLE
Hull number: A622
Home Port: Papeete
French Polynesia
Name: D'ENTRECASTEAUX
Hull number: A621
Home Port: Nouméa
New Caledonia
Overall length: 65 meters
Overall breadth: 14
meters
Air draught: 24 meters
Gross tonnage: 2200
tons
Maximum speed: 13 knots

Freight

- **Solid:** 200 tons
- **Liquid:** 190m³
- **Water:** 150m³



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FNS LA GLORIEUSE

P-400 vessel main features

Name: LA GLORIEUSE
Hull number: P686
Home Port: Nouméa
New
Caledonia

Overall length: 54.6
meters

Overall breadth: 8
meters

Air draught: 14.1 meters

Gross tonnage: 477
tons

Maximum speed: 20
knots

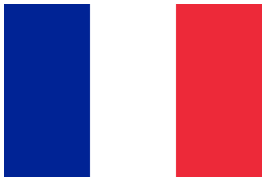
Armament:

- 40mm Bofors
- 20mm machine gun

Over the seven seas French Navy deploys assets to demonstrate its sovereignty, protect French interests and strengthen international relationship between bordering countries.

For over 35 years, FNS P400 La Glorieuse, has assumed the role of a high velocity asset in New Caledonia.





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FS PRAIRIAL & FS VENDEMAIRE

Surveillance Frégates are tasked with a multitude of missions:

- enforcing the law in the EEZ
- policing navigation
- surveilling maritime traffic
- ensuring the protection of maritime approaches
- monitoring of maritime spaces and their resources
- policing fishery
- countering and deterring drug trafficking

This type of vessel allows France to protect and defend its interests in its vast overseas maritime domain.

Additionally, the FS ships of the French National Navy possess and can each count one Alouette III helicopter on board, allowing for greater flexibility and adaptability.



FS vessel main features

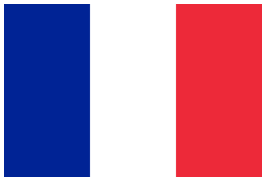
Name: FS PRAIRIAL
Hull number: F 731
Home Port: Papeete, French Polynesia
Name: FS VENDEMAIRE
Hull number: F 734
Home Port: Nouméa, New Caledonia

Overall length: 93.5 meters
Overall breadth: 14 meters
Height: 43 meters
Draught: 4.35 meters
Gross tonnage: 2950 tons
Maximum speed: 20 knots
Crews: Vendémiaire 90 men
 Prairial 100 men + 25 commandos

Equipment/Armament:

- 2 navigation radars
- 1 DRBV 21 (air/surface) radar
- Satellite communication
- 1x 100mm gun
- 2x 20mm guns
- 4x 12.7mm guns
- 2x anti-ship MM-38 EXOCET missiles
- 1 helicopter platform and hangar





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PATROLLER ARAGO

Patroller vessel main features

Name: ARAGO
Hull number: P 675
Home Port: Papeete,
 French Polynesia

Overall length: 54 meters
Overall breadth: 10 meters
Air draught: 21.4 meters
Gross tonnage: 390 tons
Maximum speed: 22 knots

Crew: 20 PAX

Armament/Equipment:

- 2x 12.7mm guns
- 1x water gun
- 2 navigation radars
- 1 raft

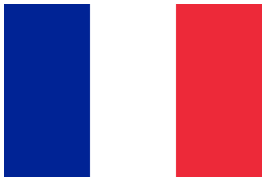
The key action words for the Arago are Information, Anticipation, Prevention and Protection.

The principal missions of the Arago in the Pacific are the defense of the EEZ, antipollution and enforcing the application of fisheries' regulations in the French EEZ along with WCPFC waters.

In the near future, the Arago will be replaced by 2 POM patrol vessels in 2024-2025:

- the TERIIEROO
- the P. BERNARDINO





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RPC MANINI & RPC MAROA

Tugboats Manini and Maroa fulfill their role through their various tasks such as:

- Assisting with the berthing and unberthing of surface vessels
- Firefighting support
- Towing the harbor's engineering equipment
- Anti-pollution operations

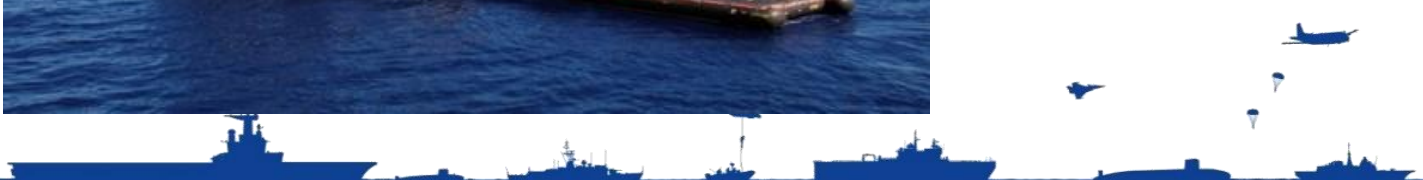
Since they operate from Tahiti in the South Pacific they are also tasked with supporting fellow military units in the area, and can participate in civil service and interisland resupplying missions.

In 2024, both the Maroa and the Manini will be replaced by a singular RPC30, a newer RPC model better suited for French Marine's needs and with its newer generation of vessels.



RPC vessel main features

Name:	RPC MANINI
Hull number:	A 638
Home Port:	Papeete, French Polynesia
Name:	RPC MAROA
Hull number:	A 637
Home Port:	Papeete, French Polynesia
Overall length:	27.6 meters
Overall breadth:	8.9 meters
Air draught:	15.55 meters
Gross tonnage:	280 tons
Maximum speed:	11 knots
Endurance:	7 days
Maximum speed:	11 knots
Crew:	6 PAX



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PATROLLER JASMIN

PCG vessel main features

Name: PCG Jasmin

Hull number: P 723

Home Port: Papeete,
French Polynesia

Overall length: 32 meters

Overall breadth: 6.5 meters

Draught: 1.1 meters

Gross tonnage: 98 tons

Maximum speed: 28 knots

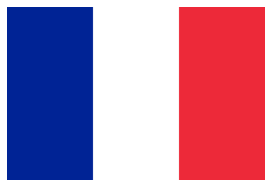
Crews: 11 PAX

Equipment/Armament:

- 1x 12.7mm gun
- 1x 7.62mm gun
- 1 navigation radar
- 1 on board semi rigid boat

- The Maritime Gendarmerie's coastal patrol vessels fall within the purview of the state's action at sea.
- Representing key assets for the coastguard function. They are tasked with maritime rescue and the policing of maritime activities particularly fishing activities.





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MPA GARDIAN

Inspired by the model Falcon 200, the MPA *Gardian* is a reconverted aircraft originally designed for VIP transport, now optimized for maritime surveillance and assistance at sea.

For French Polynesia these planes are due to be replaced by two F2000 *Albatros*, on the short term they will be replaced by two F 50M between 2024 and 2025.



MPA GARDIAN main features

Length: 17.15 meters
Wingspan: 16.3 meters
Height: 5.60 meters

Maximum take-off weight: 15 200 kg

Maximum Lanfin Weight: 13 100kg

Maximum range: 1800 NM

Endurance: 5h 30 mins
Maximum speed: 555 NM

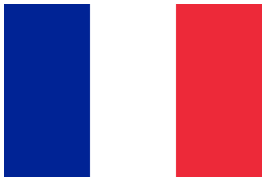
Max speed: 350 Kt at sea level or Mach 0.86 at high altitude

Ceiling: 42 000 ft

Engines: 2470 kg thrust at sea level

Crew: 6
PAX





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ALOUETTE III

ALOUETTE III features

Home Base:

- NC one is aboard FS Vendémiaire
- PF one is aboard FS Prairial

Rotor diameter: 11 meters

Length: 12.8 meters

Maximum speed: 110 kt

Maximum weight: 2250 kg

Ceiling: 10 000 ft

Action range: 325 Nm

Endurance: 3.5 hours

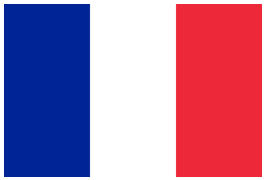
Crew:

- 1 or 2 pilots
- 1 crew member
- 6 PAX maximum

The Alouette III are a light helicopter, a tried and trusted model, for the main purpose of search and rescue operations in difficult terrain such as mountainous terrain and at sea as well as general maritime support missions for the armed forces.

The French Polynesian Alouette will be replaced by a Dauphin AS 365 in 2022.





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DAUPHIN SA 365

Operating in French Polynesia, the Dauphin SA is an aircraft that specializes:

- At sea rescue operations
- Airlifts and resupply missions
- Hindering the drug trade and other illegal traffics

In Polynesia the Dauphin is also used for inland rescue and firefighting interventions.



Dauphin SA 365 main features

Home Base: Papeete, French Polynesia

Rotor diameter: 11.94 meters
Length: 13.5 meters

Maximum speed: 175 kt

Maximum weight: 2250 kg

Wingspan: 16.3 meters

Height: 3.94 meters

Maximum take-off weight: 4250 kg

Maximum range: 340 Nm

Action range: 170 Nm

Endurance: 3.5 hours

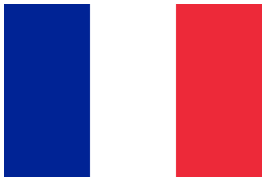
Ceiling: 20000 ft

Capacity: 10 PAX

Crew:

- 1 or 2 pilots
- 1 crew member





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ANTIPOL ASSETS



ANTIPOL EQUIPMENT NC:

Containment:

- Offshore/High sea barrages:
 - o 2 x 300m REYCAU barrages
- Costal/Harbor barrages:
 - o 1 x 300m SEAGUARD 680 barrage
 - o 1 x 100m Barracuda 120
 - o 1 x 150m Barracuda 120

Sweep & Collect:

- Surface cleaners or skimmers:
 - o 2 x FOILEX TDS 200
 - o 1 x LAMOR
 - o 2 x KOMARA 20K
 - o 1 x TDS 118
- ANTIPOL trawls:
 - o 1 THOMSEA PM trawl + 2tons bag
 - o 1 THOMSEA GM + 7tons bag
- Absorbents:
 - o 1680 liters of powder absorbent
 - o 13 rolls of absorbent rug
 - o 60 x 5m of absorbent rolls
 - o 132m of mini absorbent rolls
 - o 133kg of vegetal absorbent

Storage:

- 8 x 16m³ pliable and floatable MUSTHANE containers
- 2 x 6m³ pliable containers

Motor pumps:

- 1 x motor pump LAMOR LDP6

Dispersion: 1 BOAT SPRAY

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ANTIPOL ASSETS

ANTIPOL EQUIPMENT FP :

Containment:

- Offshore/High sea barrages:
 - o 2 300m REYCAU barrages
- Coastal/Harbor barrages:
 - o Fire containment festop barrage 2 x 150m
 - o Barracuda 120 barrage 900m

Sweep & Collect:

- Surface cleaners or skimmers:
 - o FOILEX TDS 200
 - o 2 x TDS 118
 - o KOMARA 20k
 - o LAMOR Minimax 30
- ANTIPOL trawls:
 - o 1 NOTIL trawl +2 bags/pouches
 - o 1 THOMSEA PM trawl + 3 bags
 - o 1 THOMSEA GM+ trawl + 3 bags
- Motor pumps:
 - o 1 x GRINDEX pump 54 m³/h
 - o 1 x LAMOR motor pump 50 m³/h
 - o 1 x LAMOR LDP motor pump 6 m³/h

Storage:

- 3 aluminum tanks
 - o 2 x 1m³ + 1 x 8m³
- 1 x 50m³ ARISTOCK container
- 4 x 16m³ MUSTHANE containers
- 2 x 6m³ PRONAL
- 1 MUSTHANE tank 30m³ (waiting for 2 more)
- 1 pliable 1m³ tank

