
BLUENAV
ARCACHON

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BlueNav's Vision

A new boating experience, Smart, Safe & Sustainable

Our Origins

BlueNav was born in Arcachon, inspired by the fragile beauty of the Bay.
Our conviction is simple: preserve this unique environment while keeping the freedom to navigate.

A redefined experience

BlueNav rethinks the moments that matter most on the water. From precise maneuvering and effortless docking to smooth, silent cruising, our Smart Navigation technologies make every journey more intuitive, comfortable and stress-free.
Designed as a complementary propulsion system, BlueNav works alongside the main combustion or electric engine, adding control, precision and a true backup at sea.

Navigation with less impact

Electric propulsion means no fuel consumption, no emissions and less noise, helping reduce the impact on marine life. Combined with our patented Virtual Anchor, it also helps avoid unnecessary anchoring on sensitive seabeds and seagrass meadows.

Empower your journey with BlueNav

Access to Marine Protected Areas

Electric low-speed navigation opens access to MPAs and restricted zones, offering boaters exclusive, high-value experiences in preserved environments.

Enhanced safety & lower risk at sea

Superior maneuverability & lower damage costs

Smart Navigation features drastically reduce docking errors, resulting in lower repair expenses and potential insurance savings.

“Back-Home” security

Our hybrid architecture ensures a safe return in the event of combustion engine failure, a major advantage considering that two-thirds of life savers at sea interventions are engine-related. This reduces emergency risks and related costs.

Fuel savings & reduced emissions

Mono vs Twin combustion configuration

Choosing a single combustion engine combined with electric propulsion enables a 20–40% reduction in emissions and fuel consumption.

Low-Speed electrification (10–30% of usage)

Switching to electric power for low-speed operations cuts emissions by an additional 5–15% while also reducing maintenance costs.

Financial advantages & public incentives

Electric and hybrid systems can help lower or eliminate certain environmental taxes, while also making your vessel eligible for decarbonization grants and subsidy programs.

These financial incentives significantly accelerate the return on investment of the hybridization.

BlueNav x Professionals: happier customers & healthier crews

Delivering a smoother, quieter and more controlled navigation experience directly benefits tourism and charter professionals. Electric low-speed operation enhances customer satisfaction and opens new commercial opportunities, while also improving working conditions for the crew.

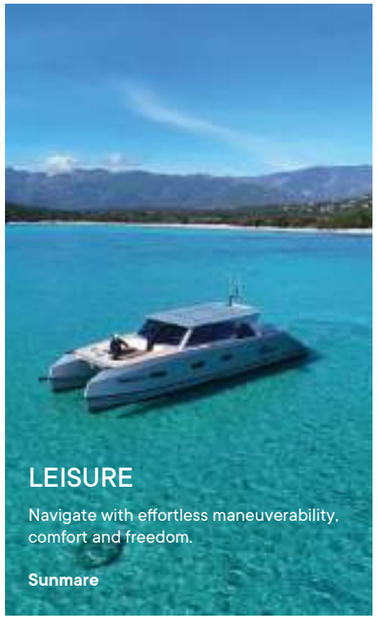
Benefits for your business:

- Higher occupancy rates
- Premium, memorable on-water experiences
- New services such as sunset or aperitif cruises
- Increased revenue and new income streams

Benefits for your crew:

- Reduced stress during low-speed or patrol phases
- Less noise and vibration
- Lower physical fatigue and improved well-being
- A more comfortable and sustainable working environment

One solution. Endless possibilities.



LEISURE

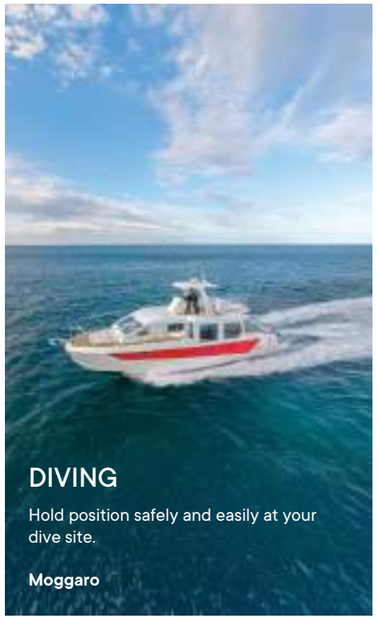
Navigate with effortless maneuverability, comfort and freedom.

Sunmare

FISHING

Precise and silent control. Stay focused on fishing.

Targa



DIVING

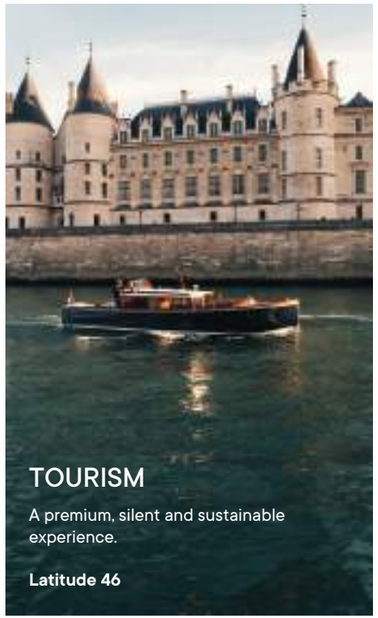
Hold position safely and easily at your dive site.

Moggaro

WHALE WATCHING

Observe with respect. Preserve underwater communication.

Narwhal



TOURISM

A premium, silent and sustainable experience.

Latitude 46

PATROL

Approach silently and maneuver with precision.

Zodiac Milpro

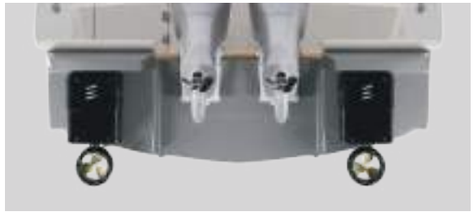
The BlueNav Solution

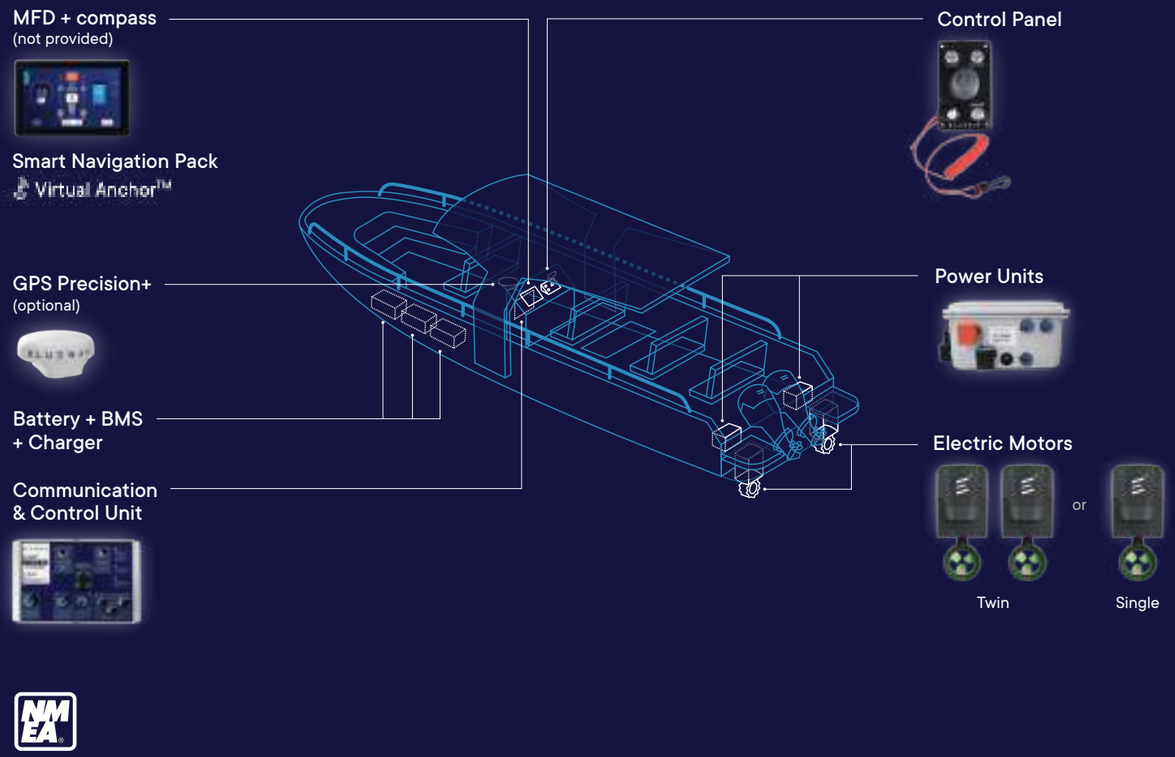
A mix between Hardware + Software

BlueNav hybridizes existing motorboats by adding smart secondary electric propulsion alongside their primary combustion engines. Our retractable electric motors are installed on the transom, complementing the existing propulsion without replacing it.

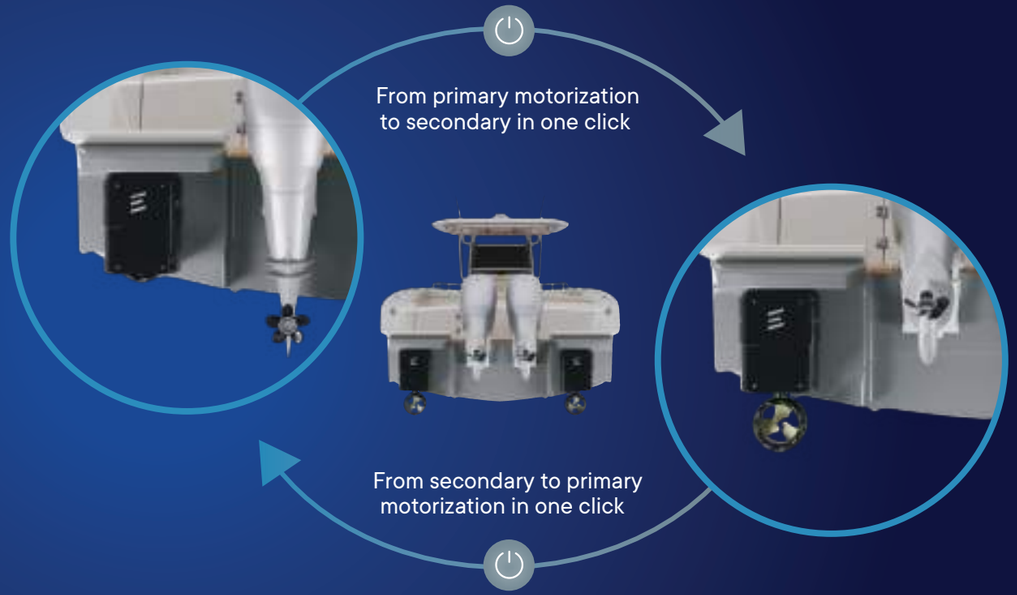
Beyond electric navigation, they bring a new level of maneuverability and control, with an intuitive joystick and Smart Navigation features.

The result is a more versatile boating experience: electric propulsion when needed, enhanced maneuverability, and intelligent assistance for greater comfort and control.





Hardware



Key Features

The best of both worlds

Retractable pod motor

The only solution on the market designed to deliver up to 2× the average thrust, while retracting fully to eliminate drag when not in use.

Joystick

Designed for simple, precise and effortless control, making maneuvering more intuitive and accessible.

Precision+ GPS

Positioning accuracy of up to ±20 cm for precise and reliable maneuvering.

Range of motors

Choose a single or twin-motor setup
— adaptable to all types of boats.

1st prize of the year 2026 AFBE Association Française pour le Bateau Électrique

New Propulsion of the year 2025 electric & hybrid marine

8kW

Weight: 43 kg

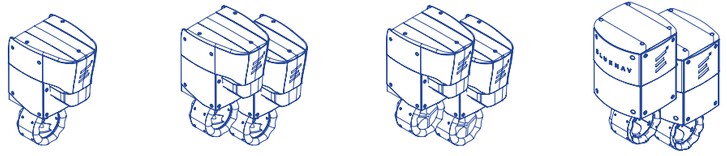
11kW

Weight: 45 kg

15kW

Weight: 78 kg

BlueNav's most popular configurations



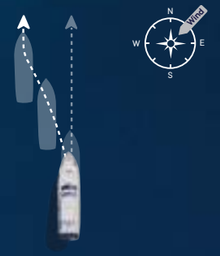
	8 kW	8 kW x2	11 kW x2	15 kW x2
Power	8 kW	16 kW	22 kW	30 kW
Thrust*	110 kg	220 kg	312 kg	420 kg
Max boat weight	Up to 4 tons	Up to 8 tons	Up to 12 tons	Up to 18 tons
Max boat weight for Virtual Anchor	Up to 6 tons	Up to 10 tons	Up to 14 tons	Up to 18 tons
Recommended battery pack	6 - 15 kWh	12 - 30 kW	20 - 42 kW	20 - 45 kWh

*Bollard pull

Smart Navigation features
Stress-free, Comfort & Security

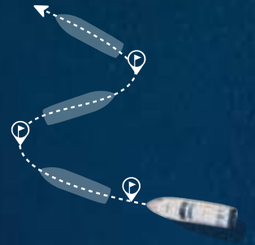
AUTOPILOT

Cruise Control



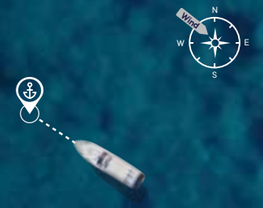
Heading Hold

Course Hold



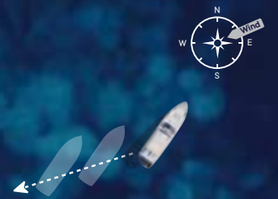
Waypoint Tracking

POSITIONING



Virtual Anchor™

DPS*
Premium positioning, available as an optional feature
(Only available with twin motors)



Drift Lock

DOCKING

360° Docking

Lateral Docking*
(Only available with twin motors)

Software

Smart Navigation. One click away.

The BlueNav interface

Installed as an app on your MFD, the BlueNav interface centralizes all your essential data: speed, range, battery status and motor power.
It allows one-touch control of the Autopilot, Docking and Positioning features and is connected through NMEA 2000.

SIMRAD GARMIN LOWRANCE
FURUNO B&G Raymarine

The BlueNav App

Allows control of the Smart Navigation assistance directly from a smartphone.
An intuitive and fully connected experience for total freedom.

Available on

3D Joystick
Intuitive by design

Discover a new way to navigate with the 3D Joystick, offering revolutionary fingertip control. Real-time precision simplifies every maneuver and transforms navigation into a smooth, natural experience, even for new boaters.

With instant responsiveness, every movement results in precise, effortless adjustments for total control.
Compatible with all BlueNav configurations as an option, the system adapts to any boat and multiplies its capabilities.

Precision+ GPS
Guided by accuracy

The most precise GPS in its category.

The BlueNav Precision+ GPS brings cutting-edge satellite techology to boating thanks to it's high-precision marine GNSS receiver based on Galileo HAS technology. It delivers remarkable accuracy down to 20 cm. Designed for seamless integration and control, it keeps the boat exactly in place, whether mooring, docking, or simply enjoying the moment.

New

BlueNav Control

Smart Navigation beyond BlueNav motors

Unlock Smart Navigation to existing electric propulsion.

BlueNav Control makes BlueNav's Smart Navigation technology available to boats equipped with third-party electric propulsion. It adds smart maneuvering, precise control and automatic position holding through a dedicated control system.

Three smart ways to take control

Virtual Anchor™

From a few hours in a cove to a short stopover in a no-anchor zone, BlueNav's Virtual Anchor keeps the boat precisely in position without the need to deploy the physical anchor.

Smart anchoring

The BlueNav Virtual Anchor makes anchoring easier and more controlled. It helps position the boat, limits movement and facilitates deployment of the physical anchor. Once deployed, BlueNav Control continuously monitors the boat's position and automatically corrects any drift. The physical anchor remains the primary holding system, while the Virtual Anchor provides additional position control.

Smart control, at your fingertips

Smart Navigation features and the joystick enable intuitive control, precise maneuvering and enhanced navigation assistance.

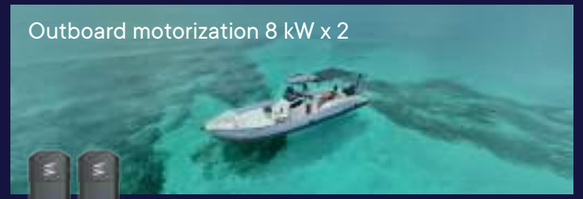
How does it work ?

No modification to your boat or your electric motors. The solution is built around a dedicated control unit, the Precision+ GPS for enhanced positioning accuracy and an optional joystick. It integrates the BlueNav Smart Navigation Pack, providing advanced features.

Use cases
Choose your setup. Know your range.

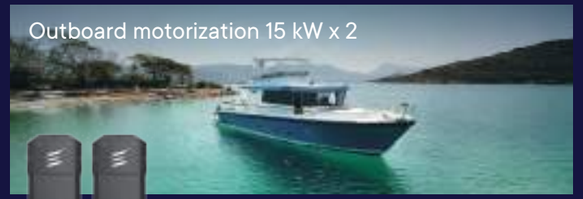
Each BlueNav configuration unlocks a unique combination of maneuverability and autonomy.
The table below helps you envision how each setup performs on the water and the duration it can sustain each activity.

	Consumption	Batteries 2 x 3,4 kWh	Batteries 2 x 6,8 kWh
Maneuvers	1 to 2 kW	40min	40min
70% rpm	2 kW	1h	4h
Virtual Anchor	0,2 to 0,4 kW	4h	10h
Full power navigation	8 kW	5min	5min



	Consumption	Batteries 3 x 6,8 kWh	Batteries 4 x 6,8 kWh
Maneuvers	1 to 2 kW	40min	40min
70% rpm	2 kW	3h	4h
Virtual Anchor	0,2 to 0,4 kW	8h	12h
Full power navigation	16 kW	5min	5min

	Consumption	Batteries 3 x 6,8 kWh	Batteries 4 x 7,8 kWh
Maneuvers	1 to 2 kW	40min	40min
70% rpm	3 kW	2h	3h30
Virtual Anchor	0,2 to 0,4 kW	8h	10h
Full power navigation	22 kW	5min	5min



	Consumption	Batteries 4 x 7,8 kWh	Batteries 6 x 7,8 kWh
Maneuvers	1 to 2 kW	40min	40min
70% rpm	5 kW	2h	3h30
Virtual Anchor	0,2 to 0,4 kW	10h	10h
Full power navigation	30 kW	5min	5min

They’ve gone Blue

BlueNav has equipped a wide variety of vessels: motor catamarans, RIBs, dayboats, cabin cruisers, commercial vessels, and houseboats.

BLUENAV CONTROL

Windelo 54

BlueNav Control
Length 16,2m / Weight 12,8t

WHALE WATCHING

Quer 32

Outboard 8 kW x2
Length 10m / Weight 4t

WHALE WATCHING

Narwahl 1000

Outboard 15 kW x2
Length 10m / Weight 1,7t

WORKBOAT

Skarsvaag - 1080

Outboard 8 kW x2
Length 10,8m / Weight 6 à 9t

DIVING BOAT

Moggaro 1, 2 & 3

Outboard 15 kW x2
Length 15m / Weight 15t

DIVING BOAT

Moggaro 4

Outboard 15 kW x1
Length 15m / Weight 15t

HOUSEBOAT

HT Loft - Houseboat #2

Outboard 8 kW x2
Length 14,7m / Weight 25t

HOUSEBOAT

La Mare Apart L 1

Outboard 8 kW x2
Length 11,3m / Weight 7t

HOUSEBOAT

La Mare Apart L 2

Outboard 8 kW x2
Length 11,3m / Weight 7t

FISHING BOAT
Tiger Marine 7.5 open

Outboard 8 kW x2
Length 7,5m / Weight 0,85t

FISHING BOAT
Invictus CX240

Outboard 8 kW x1
Length 7,45m / Weight 1,95t

FISHING BOAT
AtlantiCraft 7,6

Outboard 8 kW x2
Length 7,6m / Weight 1,5t

FISHING BOAT
Targa 46

Outboard 15 kW x2
Length 14m / Weight 11t

FISHING BOAT
Merry Fisher 815

Outboard 8 kW x1
Length 8,15m / Weight 2,6t

SUPERYACHT TENDER
Iguana Sport

Inboard 15 kW x1
Length 9m / Weight 4t

DAY BOAT
SK Kotter 1200

Outboard 15 kW x2
Length 12m / Weight 14t

DAY BOAT
Sunmare 50

Outboard 15 kW x2
Length 15m / Weight 14t

DAY BOAT
Alushiip TNDR 670

Outboard 8 kW x2
Length 6,7m / Weight 1,2t

PASSENGER BOAT
Chantier Naval Franco Suisse
Nep 14

Outboard 15 kW x2
Length 14m / Weight 15 à 18t

PASSENGER BOAT
Latitude 46 Tofinou

Inboard 8 kW x2
Length 10m / Weight 9t

DAY BOAT
Apreamare Gozzo 35

Outboard 8 kW x1
Length 9,6m / Weight 10t

Customer Testimonial
Whale watching

Boat Identity

Client
Batopei

Location
Reunion Island

Activity
Whale Watching

Mission
Respect marine wildlife by reducing noise, vibration, and pollution.

Installed Configuration

Outboard motors
15 kW x2

Battery capacity
28 kWh

Usage and Performance Metrics

Per day
4 x 2 hours

Energy use
40% electric / 60% combustion

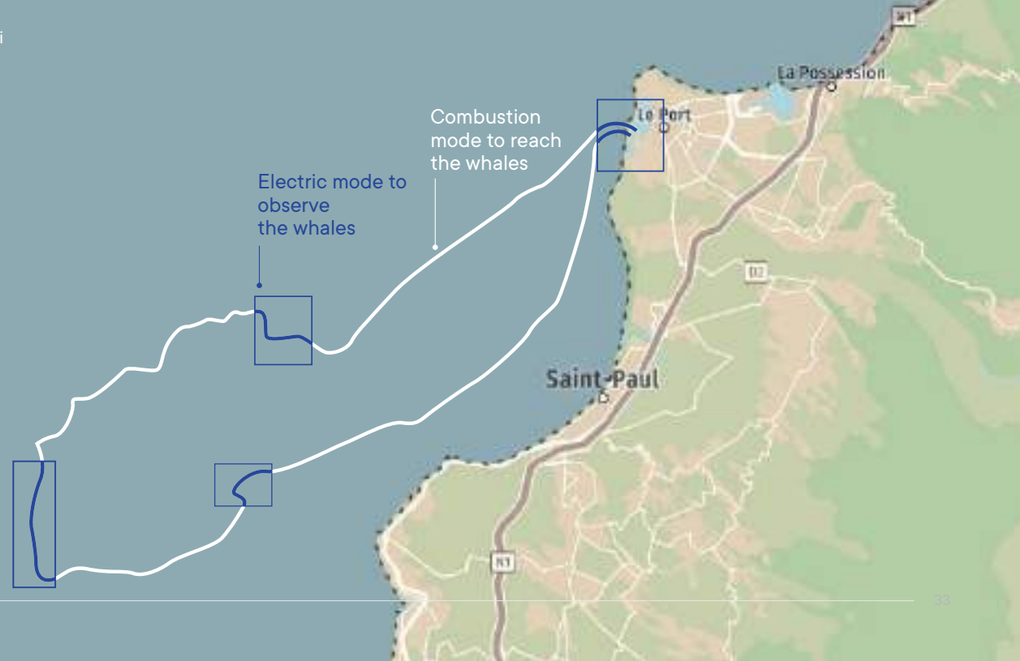
Capacity used per trip
12–20% of total battery

WHY OUR SYSTEM IS PERFECTLY SUITED

- Environmental Protection: more respectful wildlife observation and reduced emissions.
- Hybrid Navigation: switch between electric and combustion in seconds.
- Energy Efficiency: low energy consumption in electric mode.

"The electric mode offers maneuverability in complete silence, allowing us to observe marine mammals without disturbing their natural behavior."

— Josias, owner of Batopei



Customer Testimonial
Tourism cruise

Boat Identity

Client
Le Bateau Français

Location
Paris

Activity
Private cruises on the Seine

Mission
A luxurious, silent discovery of Paris, without odors or vibrations.

Installed Configuration

Inboard motors
8 kW x2

Battery capacity
4 × 5.3 kWh batteries, for a total of 21.2 kWh

Usage and Performance Metrics

Per month
Approximately 70 hours

Energy use
15 to 20 kW per day

Capacity used per trip
100% electric navigation

WHY OUR SYSTEM IS PERFECTLY SUITED

- Premium and silent experience : electric navigation creates a more peaceful and enjoyable experience for passengers while cruising through Paris.
- Precise manoeuvrability : smart navigation features make manoeuvring easier in constrained areas of the Seine.
- Environmental Protection : more sustainable approach to river tourism.

“For a luxury cruise, every detail matters. BlueNav gives us the precision and control to maneuver with confidence, while delivering a premium and comfortable experience for our passengers.”

— Clément, owner of Bateau Français

Contact

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