

MarineView™

Powered by



marine
instruments

MarineView: Smart Fishing

Integrated solution to
analyse and identify the
best fishing areas.



Optimize your fishing activity



01.



Visualize oceanographic information and buoy data on the same screen.

02.



Analyse sea conditions and find the best fishing areas.

03.



Receive weekly fishing recommendations from expert oceanographers.

04.



Optimize your fishing effort identifying fishing areas in advance.

05.

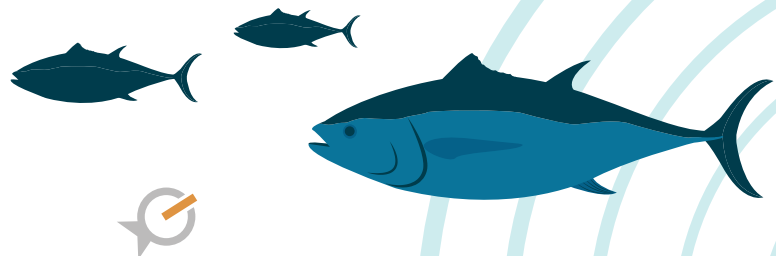


Manage different layers of information and parameters with the console.

06.



Receive the information automatically without ordering.





Identify areas with specific temperature ranges inhabited by the targeted species.

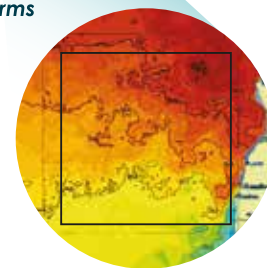
- Use surface temperature images to locate fronts and eddies that can influence the distribution of fish and concentrate fish schools.
- Combine fronts with the temperature image to locate areas with the fastest temperature change.



HD, isotherms & fronts



Temperatures & Isotherms



LD & HD





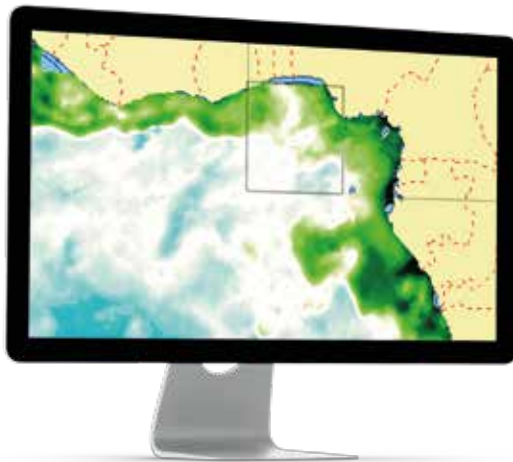
CHLOROPHYLL

Phytoplankton forms the basis of the food chain and can be measured with satellites by its chlorophyll content. Phytoplankton concentration affects the distribution of certain commercial species in the ocean.

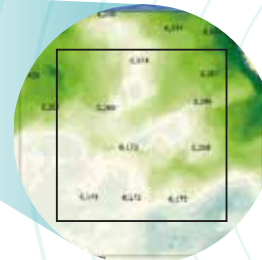
- Use the chlorophyll fronts mode to identify areas where the concentration varies faster over the ocean surface.



HD, Isolines, & Fronts



HD & Isotherms



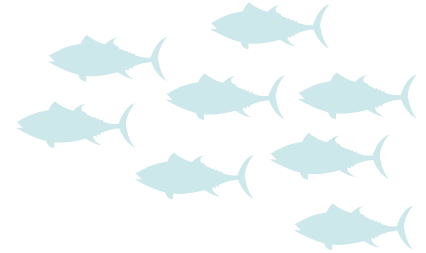
LD & HD





View dynamic visualization of current direction and speed and make strategic decisions.

- With data on currents you can better plan fishing operations, optimizing fishing resources.
- Visualize surface currents, average currents from the surface to depth, and current shear to a selected depth.



Surface currents



Average currents 0-50 m



Current shear at 50m depth





Combine thermocline maps with other parameters to determine the presence of fish in certain areas of the ocean.



Thermocline intensity

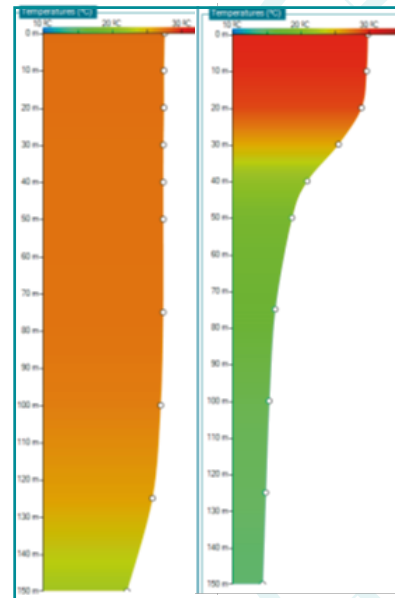


Thermocline depth

VERTICAL TEMPERATURE PROFILES

Weak and deep

Strong and shallow



CURRENT SHEAR



Evaluate the current shear at different depths to recognize potential risk to fishing operations.



Current shear strength



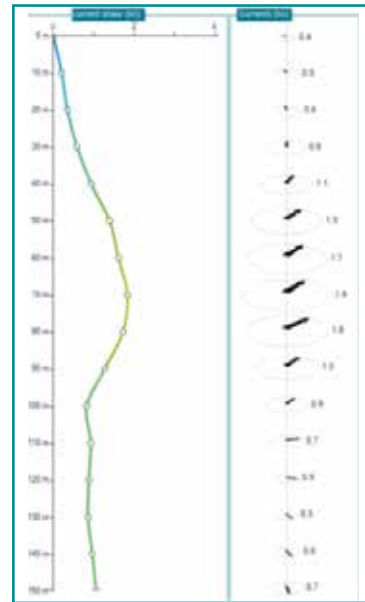
Current shear depth



Current shear

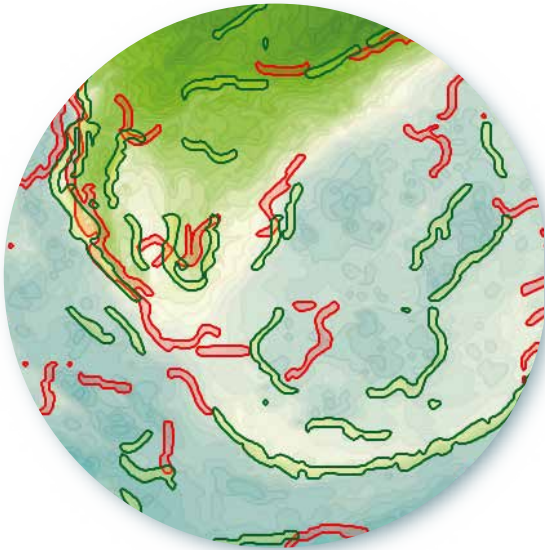


Currents





With MarineView and its console, you can display different combinations of oceanographic information in a simple and intuitive way.



Simultaneous display of temperature and plankton fronts to identify the areas with the greatest probability of fishing

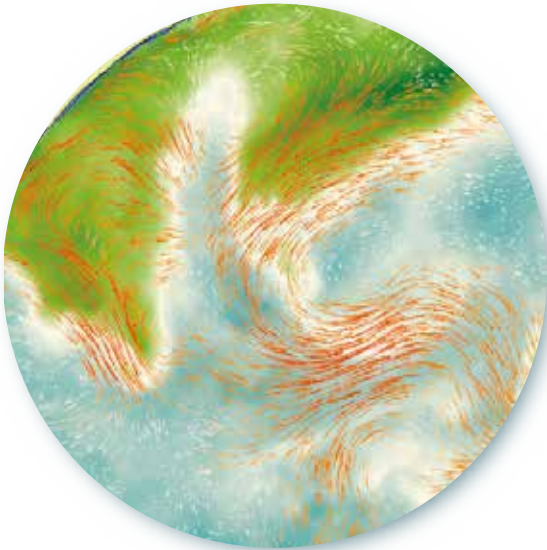


Currents on temperature layer

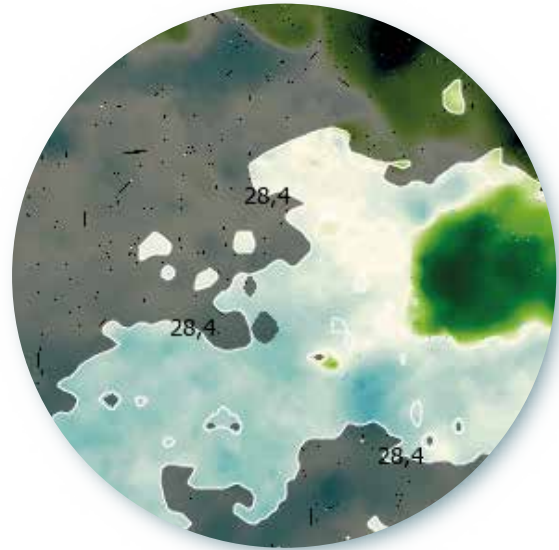
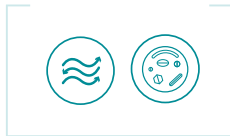




From the simplest to the most complex combinations, MarineView allows you to quickly analyse sea conditions to make the best decisions and optimize your fishing activity.



*Currents over
phytoplankton*



*Temperature range
filter over
phytoplankton*





BUOY DRIFT FORECAST

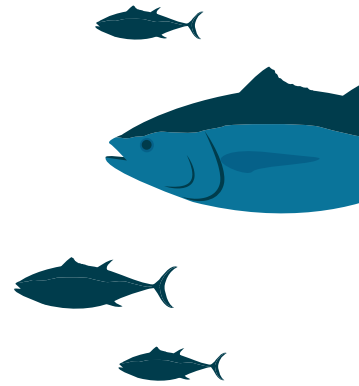


Forecast FAD drift according to existing currents.



INTEGRATION WITH MSB+

- Analyse oceanographic information with buoy data on the same screen.
- Visualize the position, speed and direction of the ship in real time.
- Receive sounder, speed, course and drift data from each buoy on the map.
- View and save historical buoy data.

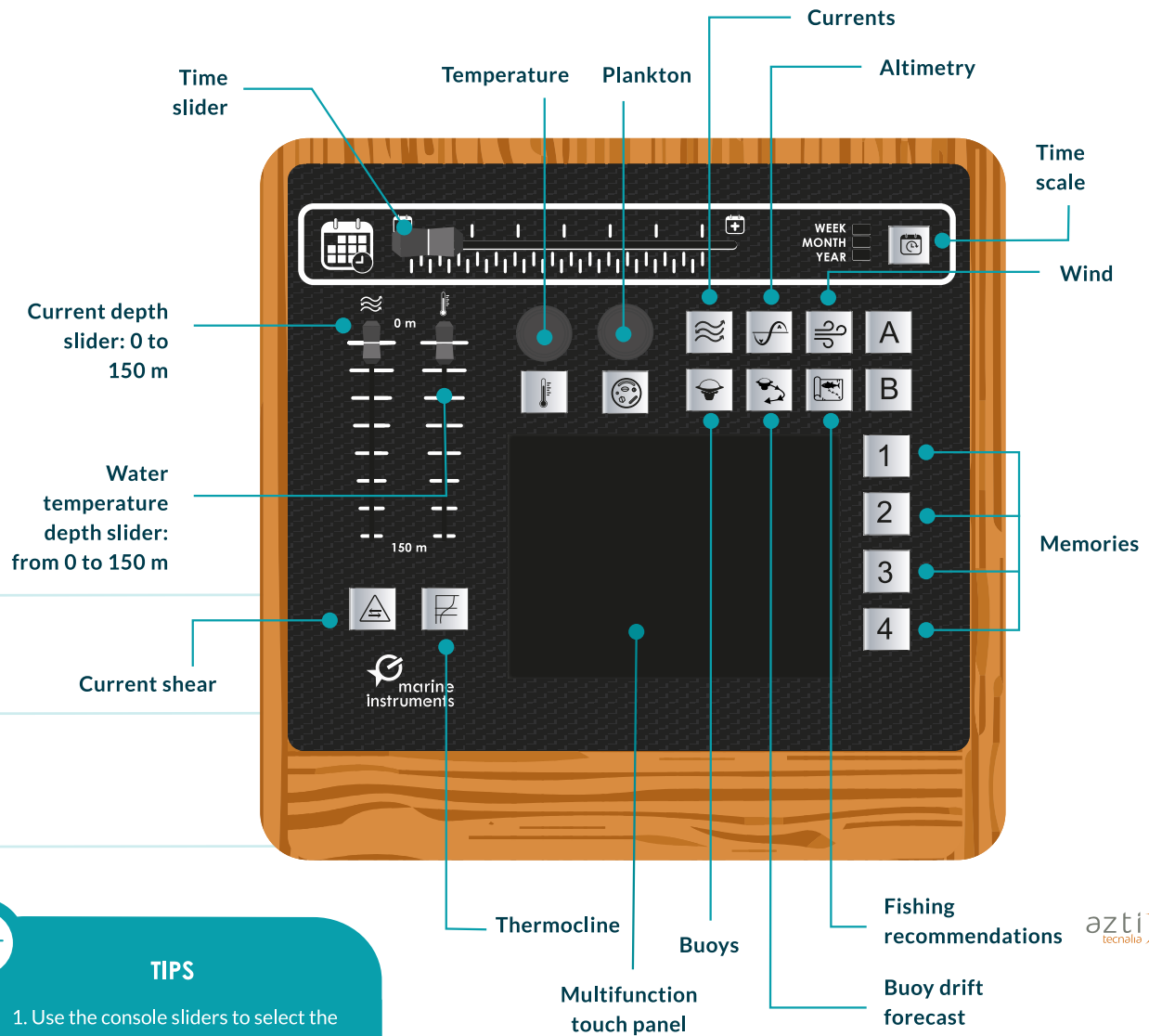


CONSOLE

01. **INTUITIVE AND FUNCTIONAL USE**
02. **VISUALIZE THE FISHING AREA IN A SINGLE DYNAMIC MAP**
03. **MANAGE SEVERAL LAYERS OF OCEANOGRAPHIC INFORMATION AT THE SAME TIME**
04. **SAVE YOUR FAVOURITE SETTINGS IN THE CONSOLE MEMORIES**



CONSOLE FEATURES

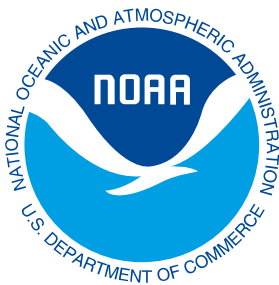


TIPS

1. Use the console sliders to select the desired depth.
2. Save your best settings in the console memories.



DATA SOURCES



The background is a solid teal color with a repeating pattern of white, wavy lines that resemble ocean waves. The waves are horizontal and have a consistent, rhythmic pattern.

MarineView™



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