

FISHING NEWS *International*

T. & F. Heffernan Publications

Tactical fishing software links with side sonar

SODENA of France is releasing a new-generation Turbo Tactic tactical fishing software developed with research institutes and universities in Brittany.

A seminar on the capabilities of this new software was held at FNI's FISHING 09 show in Glasgow last month by Ormston Technology Ltd., Sodena's agent based at Beverley in East Yorkshire, England.

Sodena says Turbo Tactic is a new type of fishing software used as a decision-making tool, and takes into account a vessel's overall operation and navigational parameters including acoustic detection, radar/AIS/navigation, power, trawl control and catch ratio.

The software can even be linked to the New Zealand-made Wasp multi-beam sidescan sonar system from Electronic Navigations Ltd.

Sodena says: "For the first time the skipper has all the information available on his navigation software, making it a real tactical

package. The numerous available 'sensors' are connected and the data displayed is correlated.

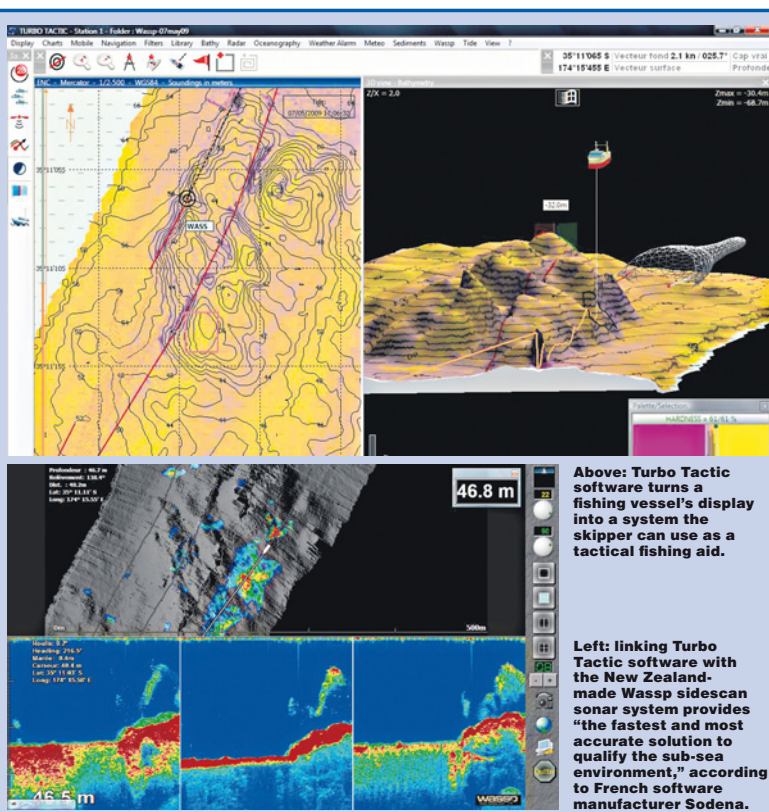
"Taking the acoustic data from Wasp multi-beam technology directly into account, Turbo Tactic enables placement of the trawl as close as possible to the identified and qualified zones by Geonet, the trawl net placement control.

"This tool enables position control using sensors placed in the trawl. The skipper can then choose to target high-value catches."

The quality of multi-beam measurement and processing by this new software is said to enable very precise operations.

Turbo Tactic can accept data from most single-beam sensors (JRC, Seascan, Roxan) to perform seabed analysis, while the association with Wasp probably constitutes "the fastest and most accurate solution to qualify the sub-sea environment."

Turbo Tactic can also be linked to Sodena Logbook, a tool for statistical analysis of catch size, weight and species.



Above: Turbo Tactic software turns a fishing vessel's display into a system the skipper can use as a tactical fishing aid.

Left: linking Turbo Tactic software with the New Zealand-made Wasp sidescan sonar system provides "the fastest and most accurate solution to qualify the sub-sea environment," according to French software manufacturer Sodena.