



WOODSONS
MARINE ELECTRONICS

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Krossfjord installs SEVSAT and WASSP Multibeam sounder

Woodsons engineers completed the installation and commissioning of both SEVSAT Satellite communications system and WASSP multibeam echosounder in good time at Karstensens shipyard in Denmark.

The owner and skipper of the Krossfjord, George Nicol, decided to install SEVSAT for both business and crew welfare. As the Krossfjord fishes for part of the year in West Africa as well as her traditional Herring and Mackerel season in the North Sea George wanted a satellite communication system which was reliable and low cost. SEVSAT provides the ship with an always on unlimited data service at a fixed monthly cost as well as 3 x Aberdeen telephone numbers wherever the ship is operating.

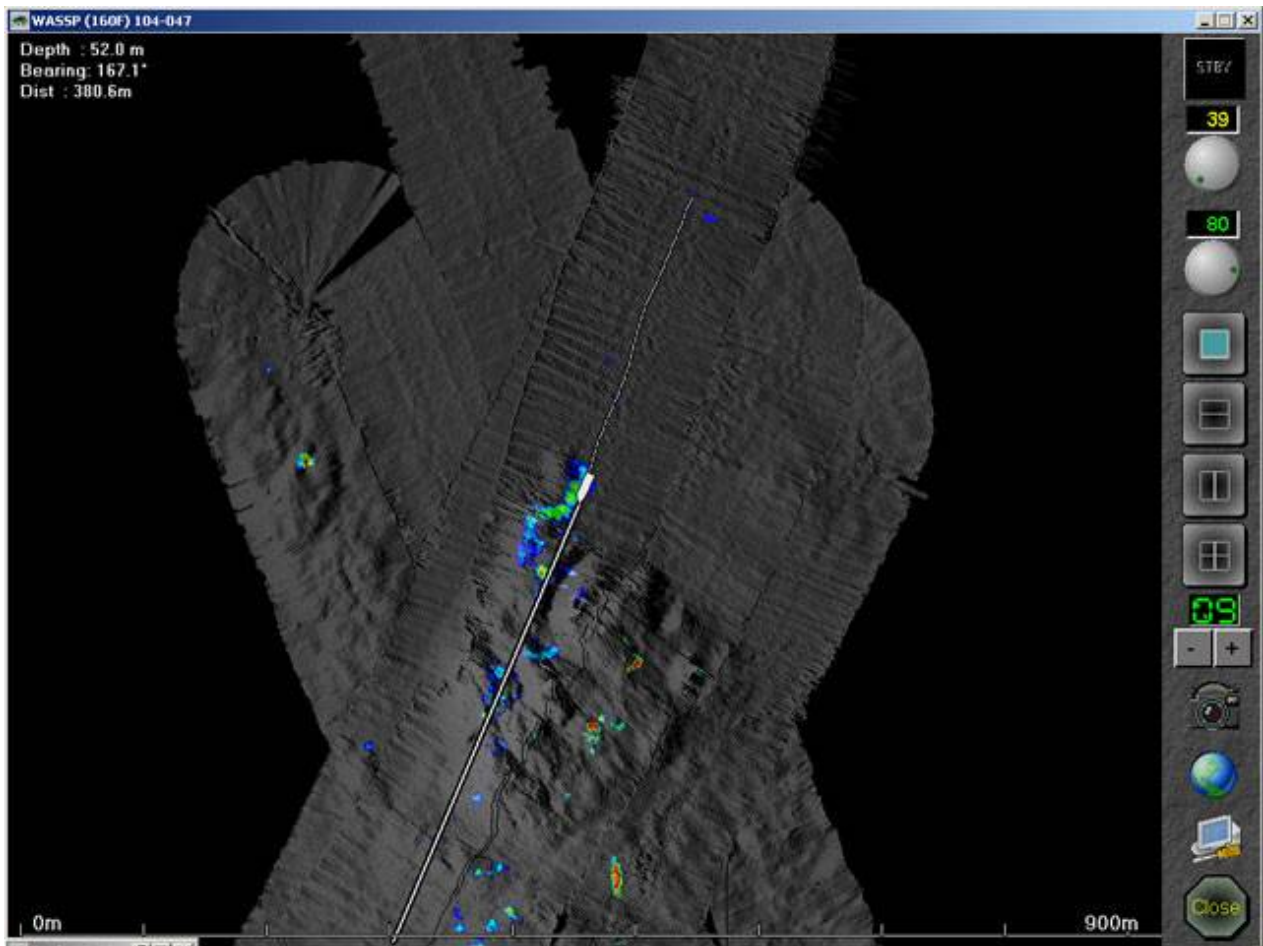


Krossfjord with SEVSAT antenna alongside Woodsons Sea Tel TV system

Whilst docked in Denmark Woodsons engineers also installed a new WASSP multibeam echosounder. WASSP is unique in that it enables the skipper to evaluate both fishing grounds and also detect fish movement and volume directly below the vessel in real time.

At 160khz the WASSP multibeam is the perfect frequency for marking both Mackerel and Herring and with a 120 degree beam an area approx equal to three times the depth of water can be mapped and water column monitored. This allows the skipper to calculate which way the fish are moving and also density of the mark whilst the ship is passing over the fish so alterations can be made to ensure best catch.

Unique to WASSP, all fish marks are recorded and can be overlaid onto the 2D contour map to accurately position fish information relative to the vessel and to seafloor structure. This is an ideal feature for both mid-water and bottom trawling.



Fish marks overlaid on 2D contour map