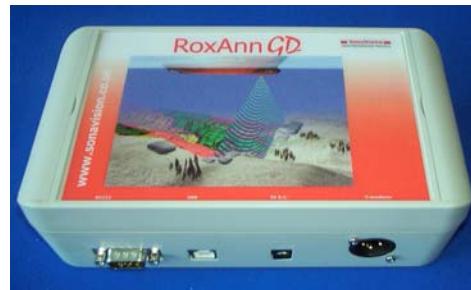


## **ROXANN GD WORLD FIRST FOR PETERHEAD BEAMER**

Skipped by David and Iain Morgan the Peterhead beam trawler Morning Dawn PD 359 recently became the first fishing vessel in the world to have the latest generation (MK V) of RoxAnn GD seabed classification system installed following close collaboration between two Aberdeen companies.

Designed to give accurate and easily interpreted real-time discrimination of seabed data and considerably cheaper than its predecessor, RoxAnn GD is manufactured by Sonavision Ltd. and distributed exclusively in the UK and Ireland by Woodsons of Aberdeen.

Alasdair Murrie, Sonavision's International Distribution Manager told FN, "RoxAnn has been the leading seabed discrimination system for over 20 years. However, the new RoxAnn GD, launched with valuable assistance and support by Scottish Enterprise Grampian, sets new standards for the 21st century. I am also extremely pleased with our professional partnership with Woodsons of Aberdeen whose knowledge of the industry is second to none and look forward to RoxAnn GD serving international fishing communities for many years to come.



As a ground material locator and seabed classification system RoxAnn GD is invaluable in helping a skipper to identify quickly and accurately if a vessel is towing over rock, gravel, sand, silt etc. and to build up personal colour coded charts, indicating favourable types of seabed most likely to yield the target species.

Based on tried and tested seabed analysis techniques and featuring a number of improvements, RoxAnn GD is the result of a radical re-design of the renowned RoxAnn Acoustic Ground Discrimination System originally developed over 20 years ago when it was the first system to automatically link the seabed type information available from an echosounder with a vessel's position on a plotter.

Peterhead skipper Iain Morgan has used the original RoxAnn c/w Roxmap software on the last three Morning Dawn beam trawlers he has skippered.



“RoxAnn has proved itself as an invaluable tool for helping a skipper targeting groundfish to stay on the desired choice of seabed and target areas where fish are most likely lying. I would not leave harbour without it.

“I am delighted with the performance of the new RoxAnn GD system and the improvements which have been made to the Roxmap software including ease of set up of the grid colours, new easy to use menu at side of screen and having the depth readout continuously displayed. The consistency of the data has also improved and I can see no change in discrimination on the RoxAnn GD when altering settings on the echosounders. To date, I have used the system with great result to depths of 350m.

“The RoxAnn GD system is a very important part of my catching and fishing potential. When I need to find soft ground and stay well clear of hard ground, this can be done with ease. On other times the fish are on the hard ground, or right on the edges of the ground. These can be followed very easily. The change over from the old RoxAnn to the new RoxAnn GD has been an extremely easy one and I am delighted with the results,” commented Skipper Morgan.

Woodsons Of Aberdeen Ltd are the UK and Ireland distributor for the RoxAnn GD Ground discrimination system. There are two versions available - the black box RoxAnn GD integrates fully with a vessel’s existing GPS, sounder and PC or plotter and the stand alone RoxAnn GD with integrated PC and 380mm touch-screen display. Both systems are supplied complete with Roxmap software providing a dedicated Ground discrimination system and can also be interfaced to an existing plotter. With the capability to function down to 2000m, RoxAnn GD is compatible with any existing echosounder at any frequency and is designed for ease of installation in both physical size and set up, perfect for any size vessel.

As a result of incorporating the latest advances in miniature digital technology, one of the most noticeable differences is the size of the black box system, which at just 200mm x 110mm x 60mm and 600g, is considerably smaller and lighter than its predecessor. RoxAnn GD is also low on power consumption and can be powered using the USB port on a PC, although a 5VDC laptop style supply is also included.

RoxAnn GD reads the returning first and second echoes and through complex algorithms provides easy to interpret live data about the type of seabed below the vessel, displaying the information as colour coded 2D and 3D charts, moving colour coded cross-section depth display and the RoxAnn square all of which show seabed material type.

An installation CD enables the user to interface the RoxAnn GD unit to any echosounder, from 24kHz to 210kHz, and to switch from one sounder to another, a feature that was not possible with the older system. Another enhancement is the ability to record changes in the transmit pulse allowing a skipper to change the range of his sounder without affecting the RoxAnn data.

RoxAnn GD continues to interface to any and all types of echosounder and a wide range of plotting systems, including Sonavision's own RoxMap, MaxSea, Microplot, Trax, Sodena and Olex amongst others.