

The solid state radar sub-system with patented SharpEye™ technology is a "range unambiguous" X-Band radar (9.3 to 9.5GHz) utilising a coherent receiver, pulse compression and Doppler processing techniques to provide sub-clutter visibility of targets. The radar is designed to exceed the IALA recommendations for a VTS radar sensor. The high technology, low cost design makes the radar ideal for all three capability categories defined by IALA and where the detection of very small vessels is of paramount importance for safety, search and rescue and security reasons.