

Figure 1-3. Interferometric sidescan sonar data collection equipment.



A. Navigation screen in the electronics "sugar shack."



C. SEA SWATHplus computer (blue case) integrates the incoming soundings with GPS fixes, and ship pitch, roll, and yaw from the motion sensor (magenta box), to produce the final data set.



B. Dual monitors for incoming swath-bathymetry data. Left screen shows swath coverage, signal strength, and reflectance (backscatter). Right screen shows control dialog boxes.



D. Side mounted transducer visible just below the water line (circled in blue). Depth of the transducer is adjustable with a block and tackle arrangement.