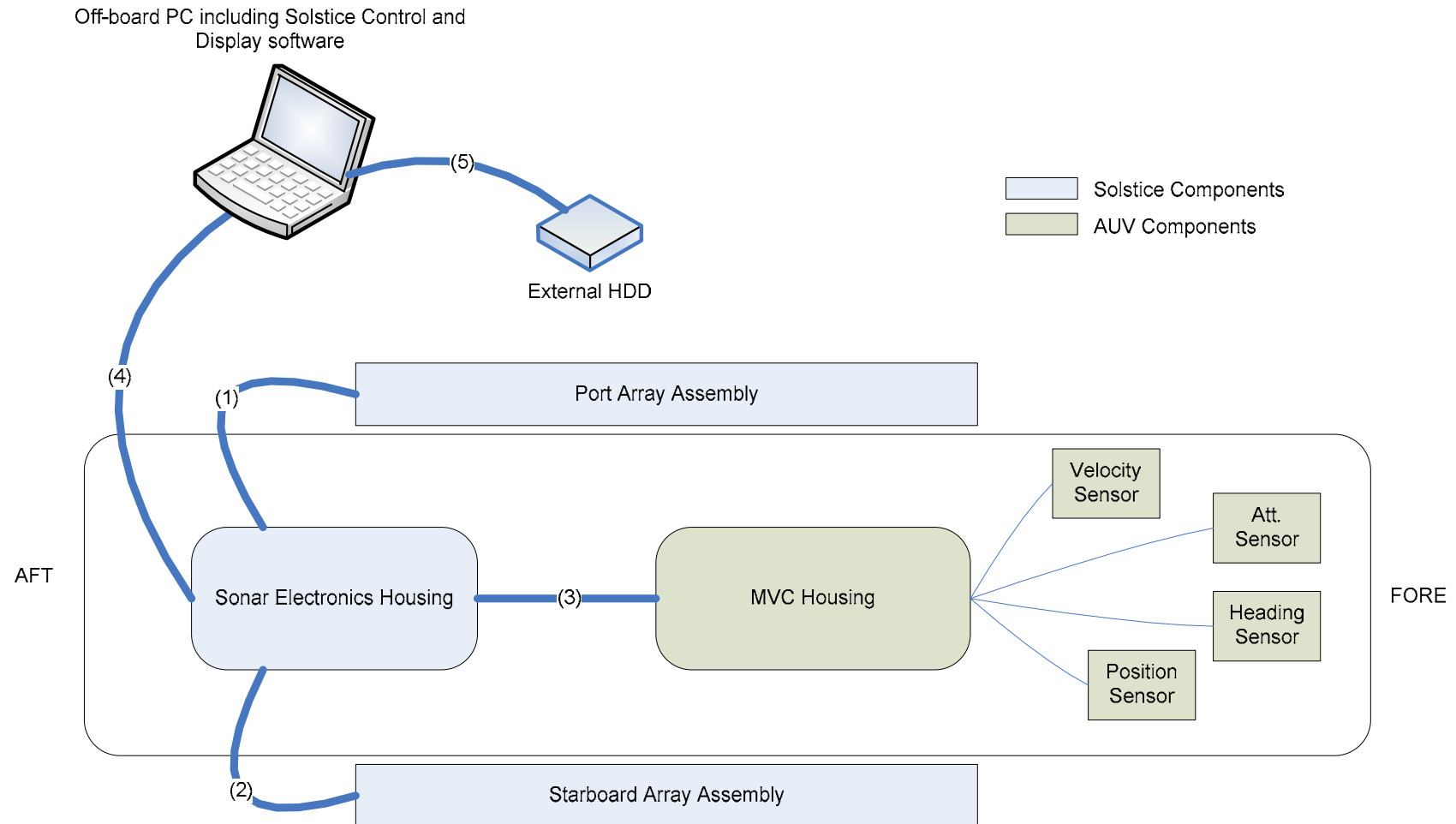


SOLSTICE Overview - Context

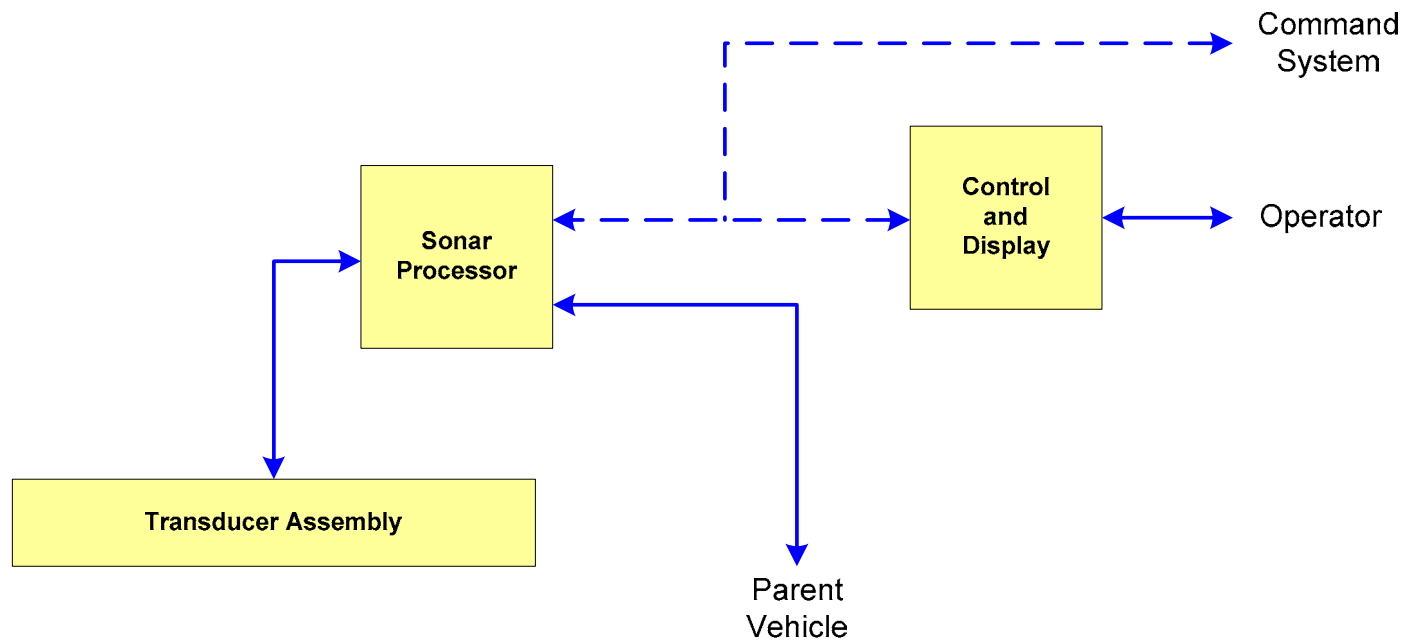


SOLSTICE Overview – Functional Context

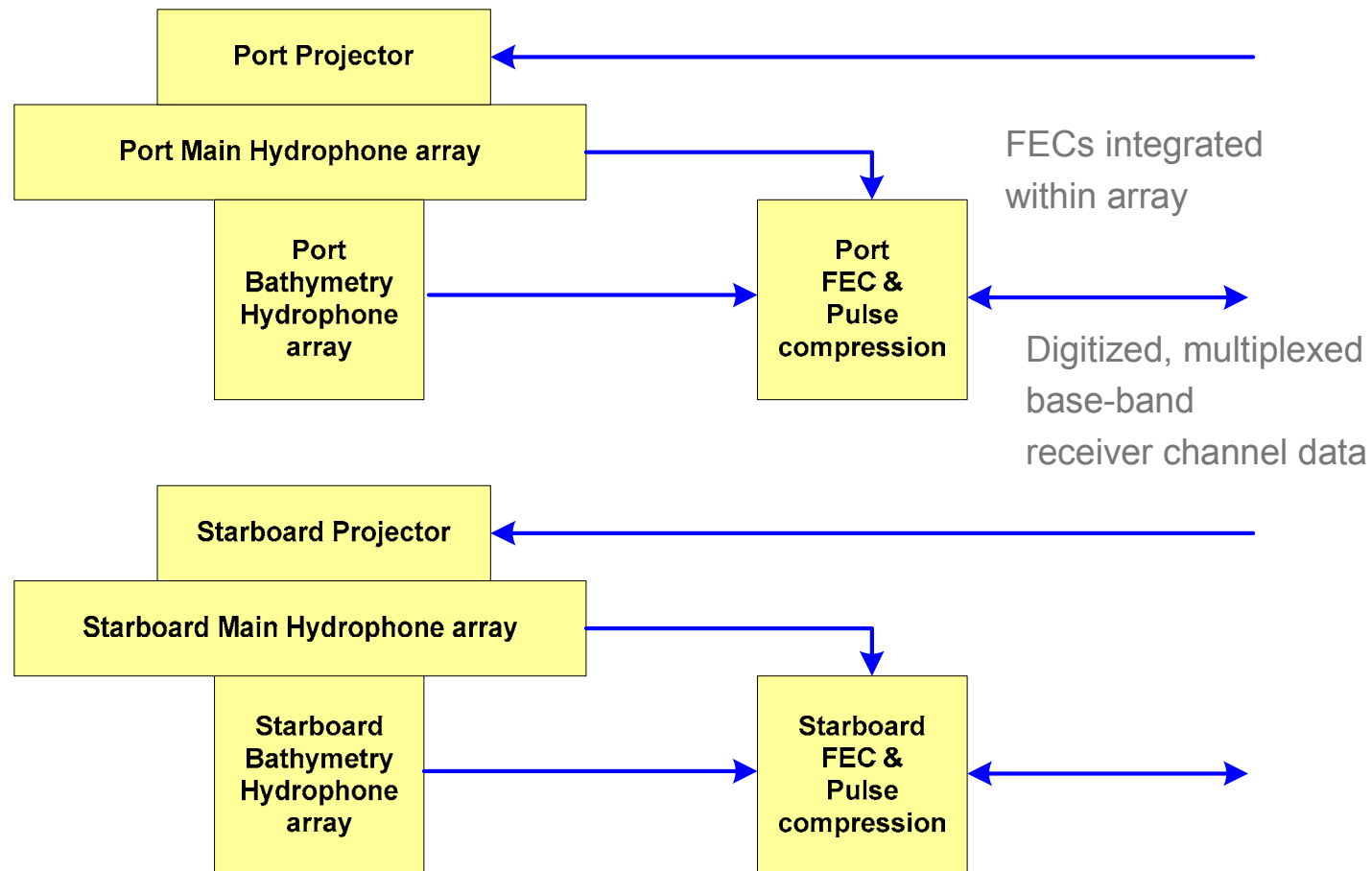


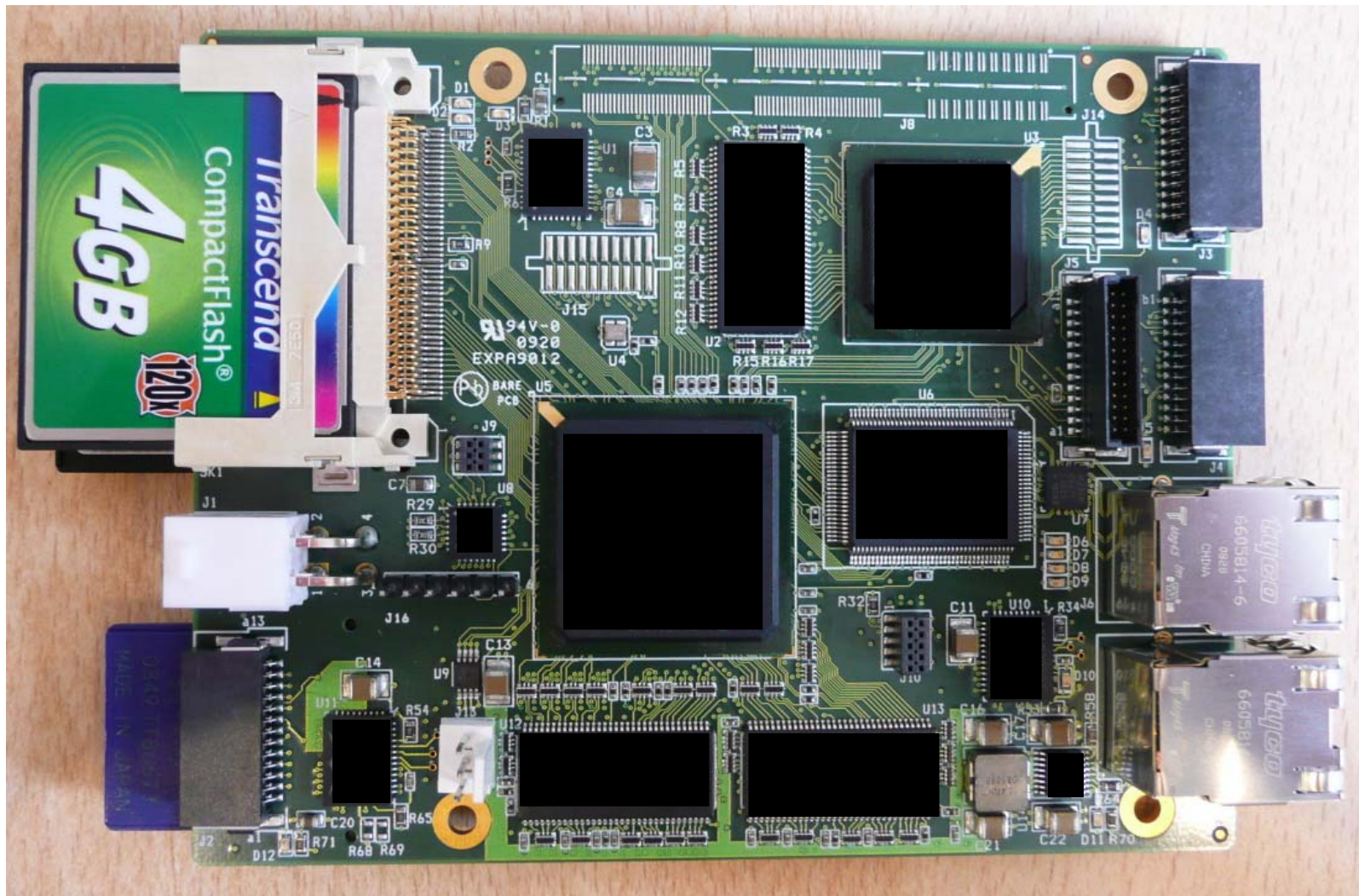
The SOLSTICE system consists of 3 functional units:

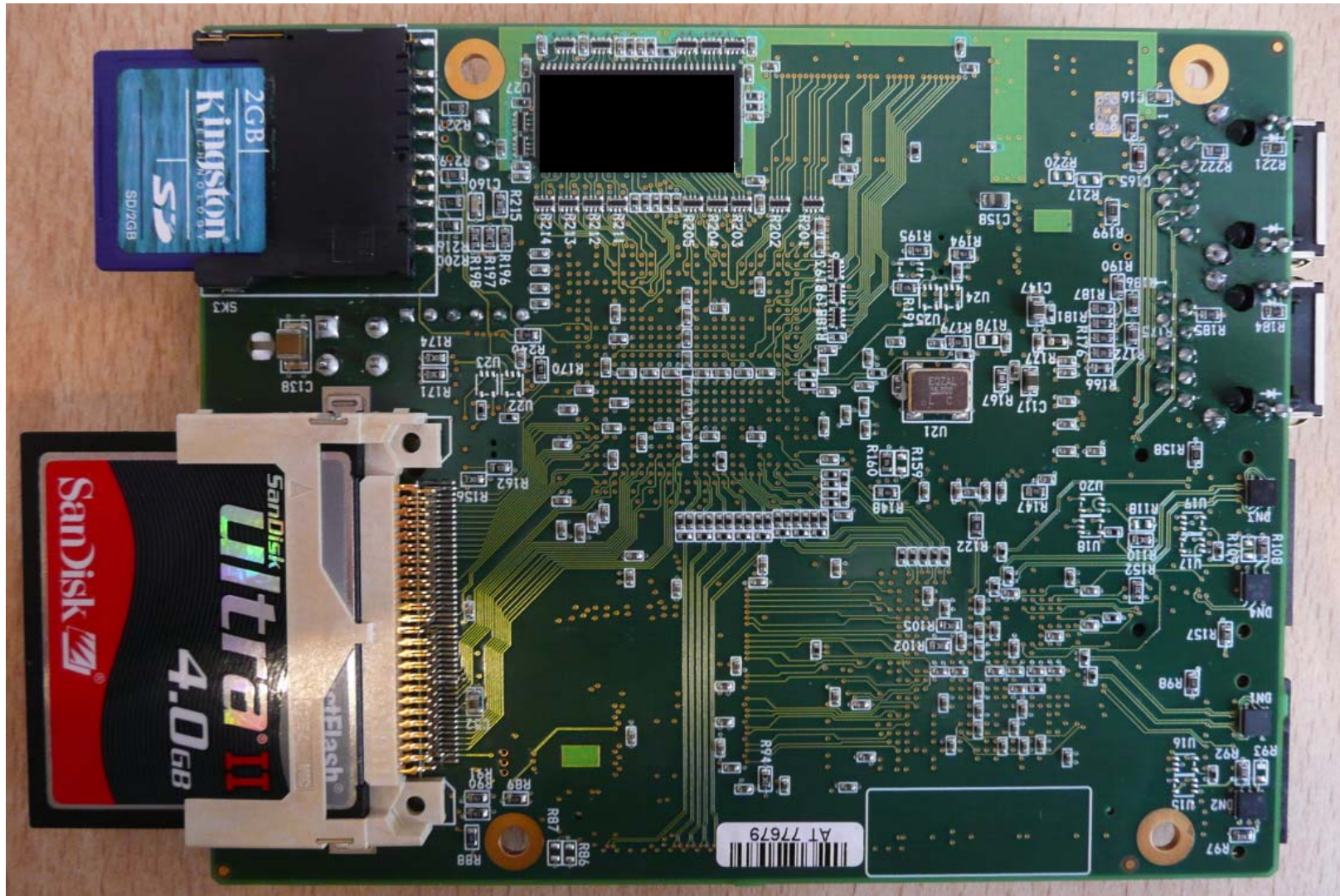
- Transducer Assembly
- Sonar Processor (2 PC-104 size cards)
- Control & Display (software – runs on PC)



SOLSTICE Overview -Transducer Assembly Subsystem









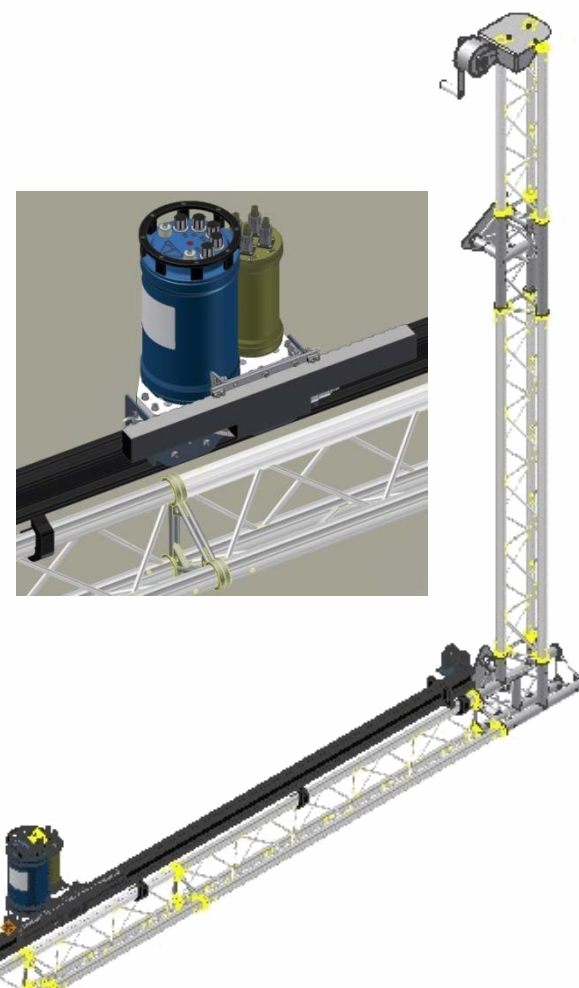
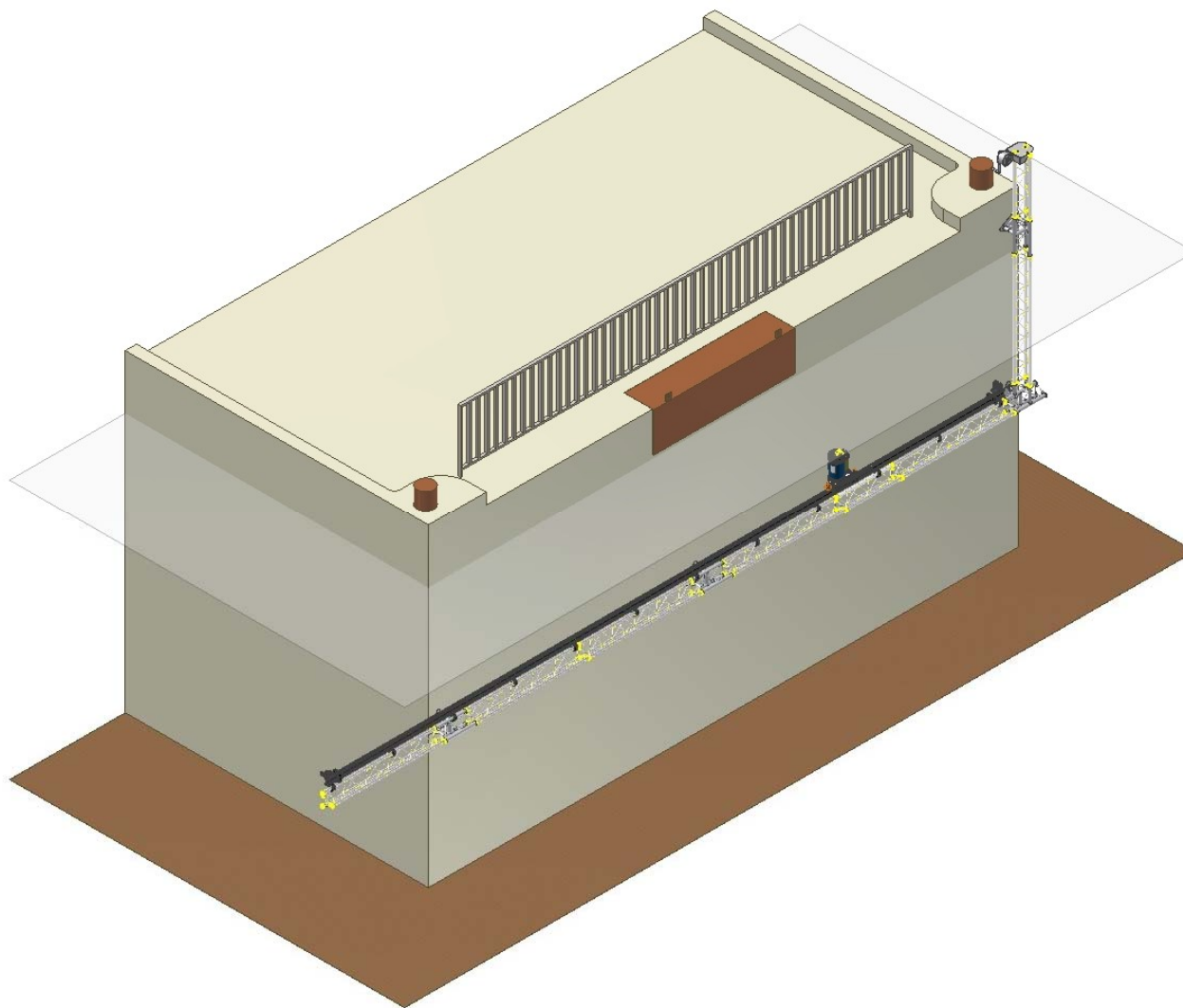
Sonar Processor

Payload Pressure Vessel





Rail Tests – Rail CAD Drawings



Rail Tests – Rail and Trolley Installed on Pier



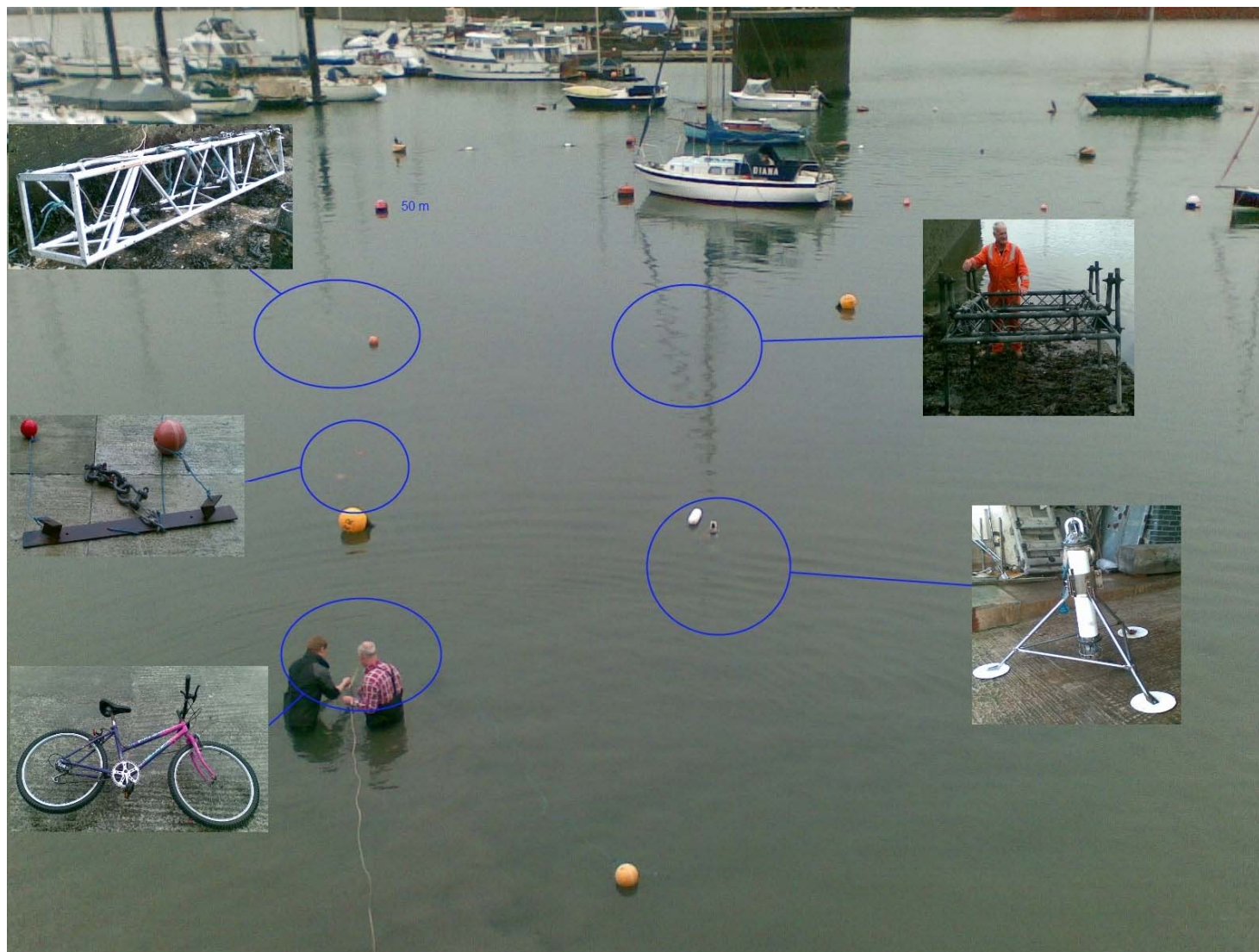
Rail Tests – Rail and Trolley Installed on Pier Close-Ups

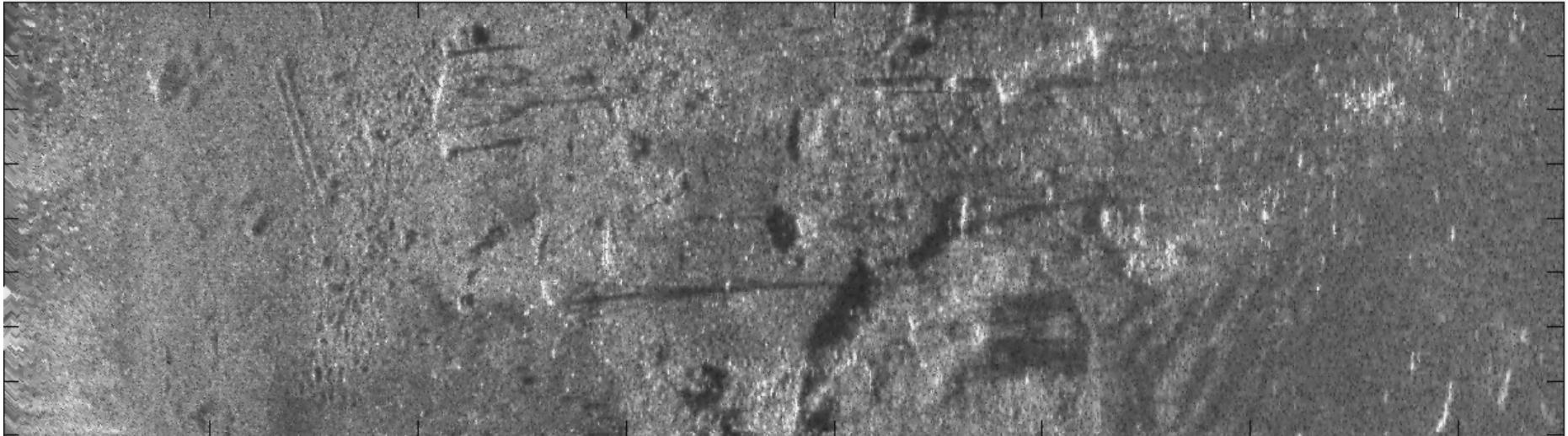


Rail Tests – Initial Operations Room



Rail Tests – Example Target Field





Run 70 , E-W, 0.5m/s, CW, 750kHz, 7.5° roll, 30° pitch, no yaw