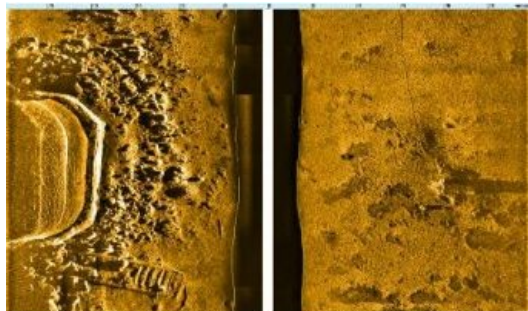


# AUV with UUV-3500 Side Scan Sonar



OceanServer Technology has unveiled a Base42 vehicle equipped with the L-3 Klein UUV-3500 high-resolution side scan sonar. This Iver2 AUV model incorporates increased battery capacity for extended mission time, a higher-capacity 120GB Solid State drive for logging days of imagery, an external USB port for rapid data access, and OceanServer's SonarMosaic software used for on-scene viewing and post-mission analysis.

The UUV-3500 Sonar, introduced by L-3 Klein Associates earlier this year, provides both exceptional range and resolution, and operates as a true dual frequency simultaneously recording sonar. This sonar is available in a size-weight-power package that surpasses existing single-beam systems employed on legacy shallow water AUVs. The system's 455kHz and 900kHz operating frequencies provide extended swath capabilities at higher

resolution to dramatically increase coverage rates. This capability is suited for shallow waters and resolution-intensive applications such as mine countermeasures (MCMs), debris mapping, and general imaging of the seabed.

AUVs with modern sonars like the UUV 3500 can accurately and completely cover large areas of the seabed with minimum on-site support, and create geo-registered records for post-processing in any preferred analysis software.