

NBP
Science Equipment/Systems Allocation
UNDERWATER IMAGERY

Product	Quantity on Hand
<i>Seafloor Photography</i>	
Benthic Digital Still Camera: Ocean Imaging Systems DSC-10000 with OIS strobe Note: Images stored on camera for download at surface: <u>not real time</u>	1
"Yo-Yo" camera frame options:	
Bottom contact shutter trigger	
10 cm scaling lasers	
WETLabs transmissometer	
Benthos Altimeter	1
MacArtney NEXUS MK E Multiplexer: Live video, serial, remote pan/tilt and light control Fiber optic and/or copper coax telemetry system 6000 meter housing, fiber optic upgrade and 1GB Ethernet channel 48/24/15/12 VDC power available to remote instrumentation.	1
MacArtney NEXUS options:	
Deep Sea Power & Light Wide-I SeaCam or Multi-SeaCam (digital NTSC 768(horizontal) x 494 (vertical) 2000m depth rating	1
LED lights	2
10cm scaling lasers	1