

PIERSIDE

Date	Mon 22-Aug	Tue 23-Aug	Wed 24-Aug	Thu 25-Aug	Fri 26-Aug
Theme	Soft Start Opening Ceremonies Damage Inspections	Recovery Repairs Additive Manufacturing	Maintenance Inspection Maintenance Repairs Unmanned Submersibles Electrical Repairs	Battle Damage Recovery Bimetallic Strip Corrosion Control	Battle Damage Repair Additive Manufacturing
Scenarios	Scenarios run 1000-1600	Scenarios run 0800-1600	Scenarios run 0800-1600	Scenarios run 0800-1600	Scenarios run 0800-1600
	10a - Hull/Shaft/Propeller inspection 15a - Tech in Darkened Ship 19-1a - Battle Damage Electrical 24a - Repair Refrigerator Unit 5b - Missile Launcher Inspect & Repair	11a - Propellor/rudder fouling 11c - Propellor/rudder fouling 15a - Tech in Darkened Ship 20a - Damage to Superstructure Equipment 25-1b - Repair Heat Exchanger 28b - Superstructure Crack Repair 4a - Pipe leakage inspection & repair 4d - Pipe leakage inspection & repair	18b - Loss of Lighting Recovery 19-1a - Battle Damage Electrical 1a - Unidentified object on Hull 1b - Unidentified object on Hull 26a - Repair Damaged Pipe 28c - Superstructure Crack Repair 5b - Missile Launcher Inspect & Repair 8b - Pipe corrosion inspection 8c - Pipe corrosion inspection	11b - Propellor/rudder fouling 17b - Fire damage recovery 20c - Damage to Superstructure Equipment 25-1a - Repair Heat Exchanger 28a - Superstructure Crack Repair 9b - Bimetallic Strip Inspection & Repair 9c - Bimetallic Strip Inspection & Repair	17a - Fire damage recovery 18a - Loss of Lighting Recovery 1a - Unidentified object on Hull 20b - Damage to Superstructure Equipment 23a - Heat Exchanger Repair 28d - Superstructure Crack Repair 3a - Nonskid Repair 4b - Pipe leakage inspection & repair

Participants	Mon 22-Aug	Tue 23-Aug	Wed 24-Aug	Thu 25-Aug	Fri 26-Aug
	Penn State ARL UUV Savox Communications Inc Savox Hardline System AKTOptimize (Digital Instruction & Lessons Learned) Durabrite, Inc. Explorer Series Edlore Inc. (Expanded 3D Instructions App) PTC Inc. Vuforia Studio (AR Training) TurnAround Factor, Inc.) SME Connect Craiton, Inc Essentium Inc. Essentium HSE 280i FiberQA, LLC AVIT™ McNally Industries LLC Electrical Cable Installation Tools Sharp Vision Software AVARIS Universal Synaptics Portable Intermittent Fault Detector Atmospheric Plasma Solutions, Inc. PlasmaBlast IS4S Integrated Solution for Systems PTC Inc. SPEE3D WarpSPEE3D Gecko Robotics Inc Crawling Robots Naval Post Graduate School 3D Modeling SARCOS Guardian DX Mobile Teleoperated Robot	Penn State ARL UUV Savox Communications Inc Savox Hardline System Carnegie Mellon University HUMMRS IOT/AI SARCOS Guardian GS Visual Inspection Robot IS4S Integrated Solution for Systems Naval Post Graduate School 3D Modeling Dynovas Inc FOAM FASTORQ ZipNUT Edlore Inc. (Expanded 3D Instructions App) Craiton, Inc PTC Inc. SPEE3D WarpSPEE3D Gecko Robotics Inc Crawling Robots SARCOS Guardian DX Mobile Teleoperated Robot SurClean Inc THLS (Laser Ablation) Atmospheric Plasma Solutions, Inc. PlasmaBlast Inovati Kinetic Metallization Klatt Works, Inc. MX Accelerator Matter Providers Naval Post Graduate School AR Naval Post Graduate School AR OROS Taqtile, Inc. Manifest VRC C.A.M.P Site and Dragonfly	Durabrite, Inc. Explorer Series FiberQA, LLC AVIT™ McNally Industries LLC Electrical Cable Installation Tools Universal Synaptics Portable Intermittent Fault Detector Craiton, Inc IOT/AI SARCOS Guardian GS Visual Inspection Robot Naval Post Graduate School AR Naval Post Graduate School AR NNSY T&IL Deep TrekkerDT3 and Video Ray Co-pilot Sarcos Sapien Sea Class Penn State ARL UUV Carnegie Mellon University HUMMRS Klatt Works, Inc. MX Accelerator IS4S Integrated Solution for Systems Dynovas Inc FOAM Inovati Kinetic Metallization Matter Providers VRC C.A.M.P Site and Dragonfly Maglogix LLC Magnets Penn State ARL MARS EWI Tele-NDE Sarcos Sapien 6M Technology SARCOS Guardian DX Mobile Teleoperated Robot Gecko Robotics Inc Crawling Robots SurClean Inc THLS (Laser Ablation) TurnAround Factor, Inc.) SME Connect Cisco Systems Expert on Demand CTRL Systems Inc UL101 Atmospheric Plasma Solutions, Inc. PlasmaBlast OROS Taqtile, Inc. Manifest PTC Inc. Vuforia Studio (AR Training) Hill Engineering DART Repair Tool	NNSY T&IL Deep TrekkerDT3 and Video Ray Co-pilot Sarcos Sapien Sea Class SERCO Durabrite, Inc. Explorer Series SurClean Inc THLS (Laser Ablation) CTRL Systems Inc UL101 OROS Savox Communications Inc Savox Hardline System Aptima Inc. IRONPIPE Marine Safety Solutions LLC RDI Shield Marine Safety Solutions LLC RDI Shield Craiton, Inc Matter Providers TurnAround Factor, Inc.) SME Connect Cisco Systems Expert on Demand Naval Post Graduate School 3D Modeling FASTORQ ZipNUT SPEE3D WarpSPEE3D Dynovas Inc FOAM PTC Inc. Essentium Inc. Essentium HSE 280i Sharp Vision Software AVARIS IS4S Integrated Solution for Systems SARCOS Guardian DX Mobile Teleoperated Robot Atmospheric Plasma Solutions, Inc. PlasmaBlast VRC C.A.M.P Site and Dragonfly Maglogix LLC Magnets Penn State ARL MARS Sarcos Sapien 6M Technology Temper Inc SMART (Heating Susceptor) Terydon Inc. Heat Exchanger Tube Cleaning, Surface Material Re Inovati Kinetic Metallization EWI Tele-NDE Gecko Robotics Inc Crawling Robots	CTRL Systems Inc UL101 OROS Savox Communications Inc Savox Hardline System Aptima Inc. IRONPIPE Marine Safety Solutions LLC RDI Shield Atmospheric Plasma Solutions, Inc. PlasmaBlast Durabrite, Inc. Explorer Series McNally Industries LLC Electrical Cable Installation Tools DIT-MCO International HT-128 Sarcos Sapien Sea Class Naval Post Graduate School 3D Modeling Dynovas Inc FOAM SARCOS Guardian DX Mobile Teleoperated Robot Taqtile, Inc. Manifest FASTORQ ZipNUT Terydon Inc. Heat Exchanger Tube Cleaning, Surface Material Re Skyplates SERCO Sarcos Sapien 6M Technology Inovati Kinetic Metallization Gecko Robotics Inc Crawling Robots Cisco Systems Expert on Demand Temper Inc SMART (Heating Susceptor) Silva Nonskid Solutions LLC SilvaGrip SurClean Inc THLS (Laser Ablation) TurnAround Factor, Inc.) SME Connect SPEE3D WarpSPEE3D EWI Tele-NDE PTC Inc. Vuforia Studio (AR Training)