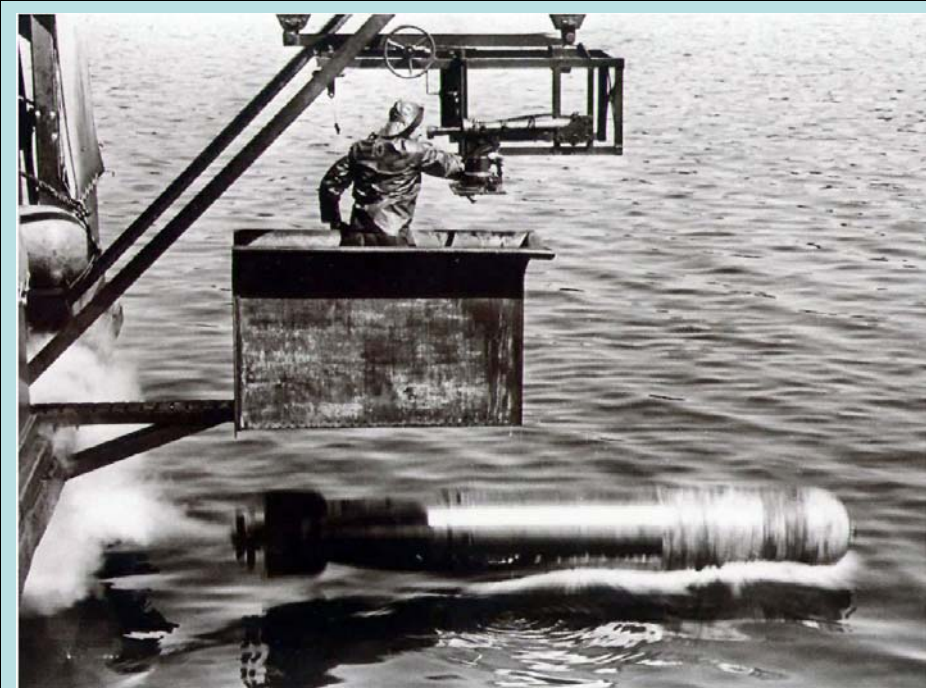




# UUVs at War: Operation Iraqi Freedom



...[UUVs] were the main workhorses of the mine clearing effort ...”  
- LT Richard Haas, USN, OIC, NSCT-1



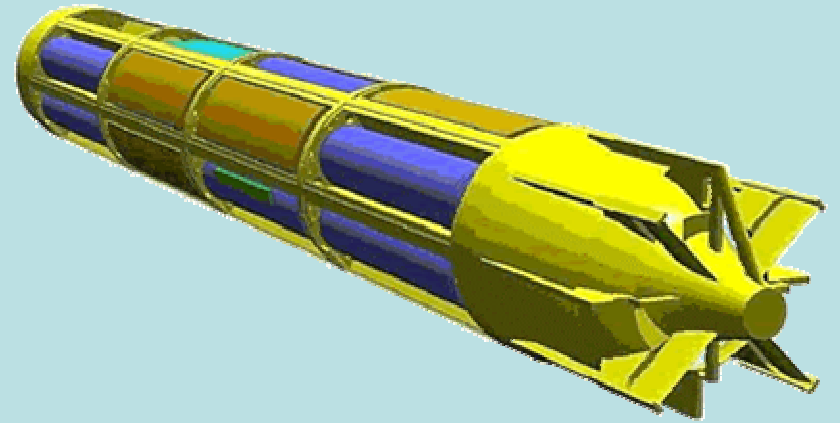
**Early T&E  
at Keyport**

# AUV Fest 2005 Demonstrations Supporting Navy UUV Master Plan Objectives

	Number of Demonstrations
<b>FORCEnet</b>	
Intelligence, Surveillance and Reconnaissance (ISR)	9
Oceanography (OC)	8
Communications/Navigation Network Node	10
<b>SEA SHIELD</b>	
Mine Countermeasures (MCM)	22
Anti-Submarine Warfare (ASW)	4
Inspection/Identification (ID)	9
<b>SEA BASE</b>	
Payload Delivery (PD)	2
<b>SEA STRIKE</b>	
Information Operations	3
Time Critical Strike	2

## Participants

<p>Alaska Native Technologies            APL / University of Washington            ARL:University of Texas            Autonomous Undersea Systems            Institute            Bluefin Robotics Corp            Florida Atlantic University            Hydroid, Inc            Lockheed Martin Perry            Technologies            MIT            NAVAIR            Naval Oceanographic Office            Naval Postgraduate School            Nekton Research LLC            Nekton Research LLC            NSCT-1            NSWC Panama City            NSWC Panama City            NSWC Panama City            NSWC Panama City / WHOI            NUWC Keyport            NUWC Keyport            NUWC Newport            NUWC Newport            NUWC Newport            SPAWAR San Diego            Woods Hole Oceanographic            Institution</p>	<p>Slocum Glider            Seaglider            COIN            Solar AUV              Bluefin 12 (12.75" Diameter UUV)            Gateway Buoy            REMUS (SW)            CETUS II RIN              CARP            Autonomy Software            HUSCy (USV)            ARIES            Ranger            TransPhibian            UUV Operations            Bluefin 9 - SEA LION            CRAWLERS            REMUS UUV and ASH USV            REMUS 600 (12.75" Diameter UUV)            CTEC ISR Vehicle Simulation            HAIL (Acoustic Communications)            BioRobotic AUV            ISR Simulation            MARV (12.75" Diameter UUV)            GAVIA 8" UUV            REMUS (VSW)</p>
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# SEA HORSE UUV

# Seahorse UUV Launch from SSGN



