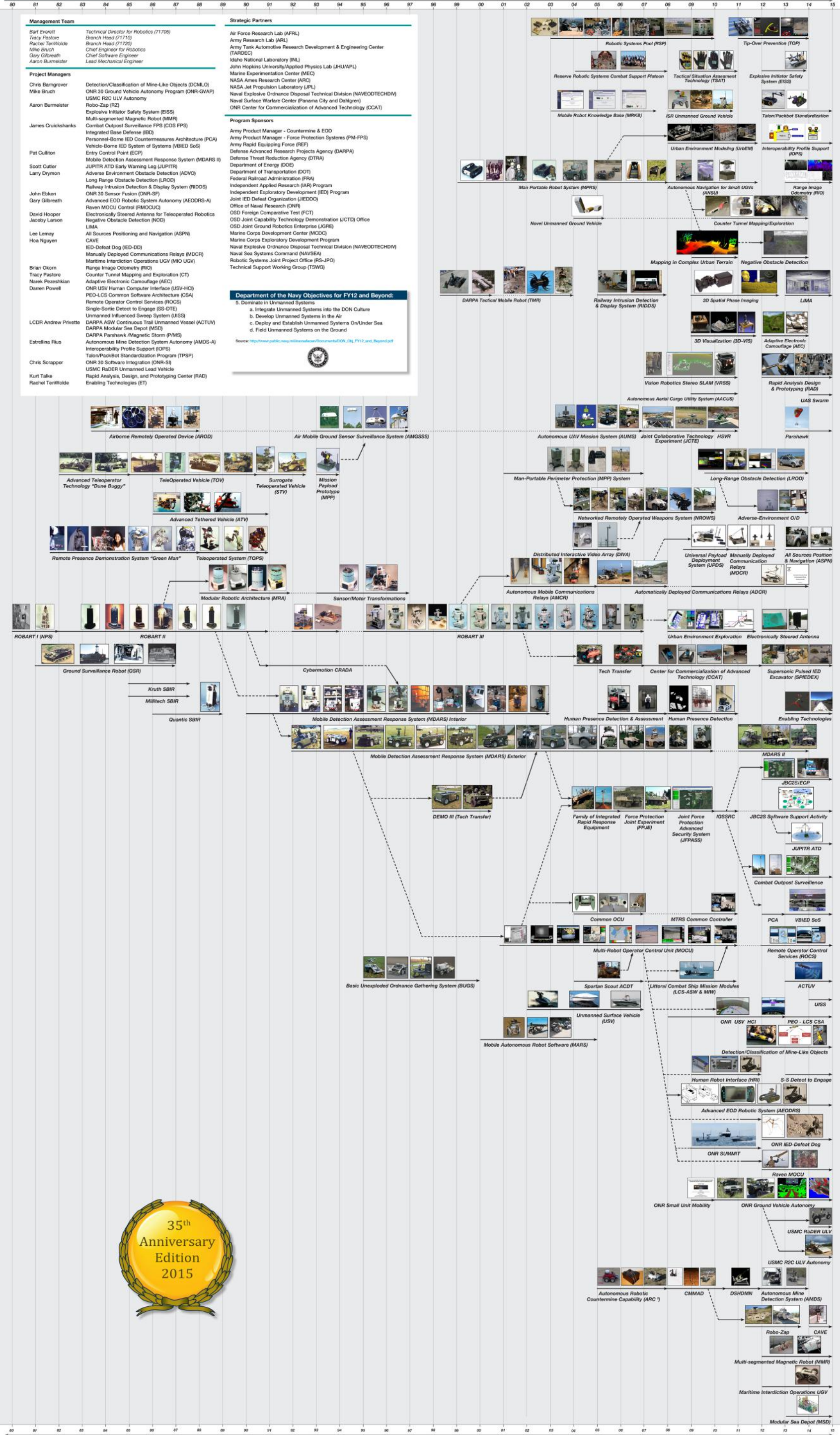




717 Unmanned Systems Group History: Air, Land, and Sea



Management Team	
Bart Everett	Technical Director for Robotics (71705)
Tracy Pastore	Branch Head (71711)
Rachel TenWolde	Branch Head (71720)
Mike Bruch	Chief Engineer for Robotics
Gary Gilbreath	Chief Software Engineer
Aaron Burmeister	Lead Mechanical Engineer

Project Managers	
Chris Barngrover	Detection/Classification of Mine-Like Objects (DCMLO)
Mike Bruch	ONR 3D Ground Vehicle Autonomy Program (ONR-GVAP)
Aaron Burmeister	USMC R2C ULV Autonomy
James Cruickshanks	Robo-Zap (RZ)
	Explosive Initiator Safety System (EISS)
	Multi-segmented Magnetic Robot (MMR)
	Combat Outpost Surveillance FPS (COS FPS)
	Integrated Base Defense (IBD)
	Personnel-Borne IED Countermasures Architecture (PCA)
	Vehicle-Borne IED System of Systems (VBIED SoS)
Pat Culliton	Entry Control Point (ECP)
Scott Cutler	Mobile Detection Assessment Response System (MDARS II)
Larry Drymon	JUPITR ATD Early Warning Leg (JUPITR)
	Adverse Environment Obstacle Detection (ADVO)
	Long Range Obstacle Detection (LROD)
	Railway Intrusion Detection & Display System (RIDDS)
John Ebken	ONR 3D Sensor Fusion (ONR-SF)
Gary Gilbreath	Advanced EOD Robotic System (AEODRS-A)
	Raven MOCU Control (RMOUCU)
David Hooper	Electronically Steered Antenna for Teleoperated Robotics
Jacoby Larson	Negative Obstacle Detection (NOD)
Lee Lemay	LIMA
	All Sources Positioning and Navigation (ASPN)
	CAVE
	IED-Defeat Dog (IED-DD)
	Manually Deployed Communications Relays (MDCR)
	Maritime Interdiction Operations UGV (MIO UGV)
	Range Image Odometry (RIO)
Brian Okorn	Counter Tunnel Mapping and Exploration (CT)
Tracy Pastore	Adaptive Electronic Camouflage (AEC)
Narek Pezeshtkian	ONR USV Human Computer Interface (USV-HCI)
Darren Powell	PEO-LCS Common Software Architecture (CSA)
	Remote Operator Control Services (ROCS)
	Single-Sortie Detect to Engage (SS-DTE)
LCDR Andrew Privette	Unmanned Influenced Sweep System (UISS)
	DARPA ASW Continuous Trail Unmanned Vessel (ACTUV)
	DARPA Modular Sea Depot (MSD)
	DARPA Parahawk/Magnetic Storm (P/M)
Estrellina Rius	Autonomous Mine Detection System (AMDS-A)
	Interoperability Profile Support (IOPS)
	Talon/PackBot Standardization Program (TPSP)
Chris Scrapper	ONR 3D Software Integration (ONR-SI)
	USMC RaDER Unmanned Lead Vehicle
Kurt Talke	Rapid Analysis, Design, and Prototyping Center (RAD)
Rachel TenWolde	Enabling Technologies (ET)

Strategic Partners	
Air Force Research Lab (AFRL)	
Army Research Lab (ARL)	
Army Tank Automotive Research Development & Engineering Center (TARDEC)	
Idaho National Laboratory (INL)	
Johns Hopkins University/Applied Physics Lab (JHU/APL)	
Marine Experimentation Center (MEC)	
NASA Ames Research Center (ARC)	
NASA Jet Propulsion Laboratory (JPL)	
Naval Explosive Ordnance Disposal Technical Division (NAVEDTECHDIV)	
Naval Surface Warfare Center (Panama City and Dahlgren)	
ONR Center for Commercialization of Advanced Technology (CCAT)	

Program Sponsors	
Army Product Manager - Countermine & EOD	
Army Product Manager - Force Protection Systems (PM-FPS)	
Army Rapid Evolving Force (REF)	
Defense Advanced Research Projects Agency (DARPA)	
Defense Threat Reduction Agency (DTRA)	
Department of Energy (DOE)	
Department of Transportation (DOT)	
Federal Railroad Administration (FRA)	
Independent Applied Research (IAR) Program	
Independent Exploratory Development (IED) Program	
Joint IED Defeat Organization (JIODO)	
Office of Naval Research (ONR)	
OSD Foreign Comparative Test (FCT)	
OSD Joint Capability Technology Demonstration (JCTD) Office	
OSD Joint Ground Robotics Enterprise (JGRE)	
Marine Corps Development Center (MCDC)	
Marine Corps Exploratory Development Program	
Naval Explosive Ordnance Disposal Technical Division (NAVEDTECHDIV)	
Naval Sea Systems Command (NAVSEA)	
Robotic Systems Joint Project Office (RS-JPO)	
Technical Support Working Group (TSWG)	

Department of the Navy Objectives for FY12 and Beyond:

1. Integrate Unmanned Systems into the DON Culture
2. Develop Unmanned Systems in the Air
3. Deploy and Establish Unmanned Systems On/Under Sea
4. Field Unmanned Systems on the Ground

Source: http://www.publicaffairs.navy.mil/Newsroom/Documents/DON_Objs_FY12_and_Beyond.pdf

