

N951 Naval Special Warfare Branch

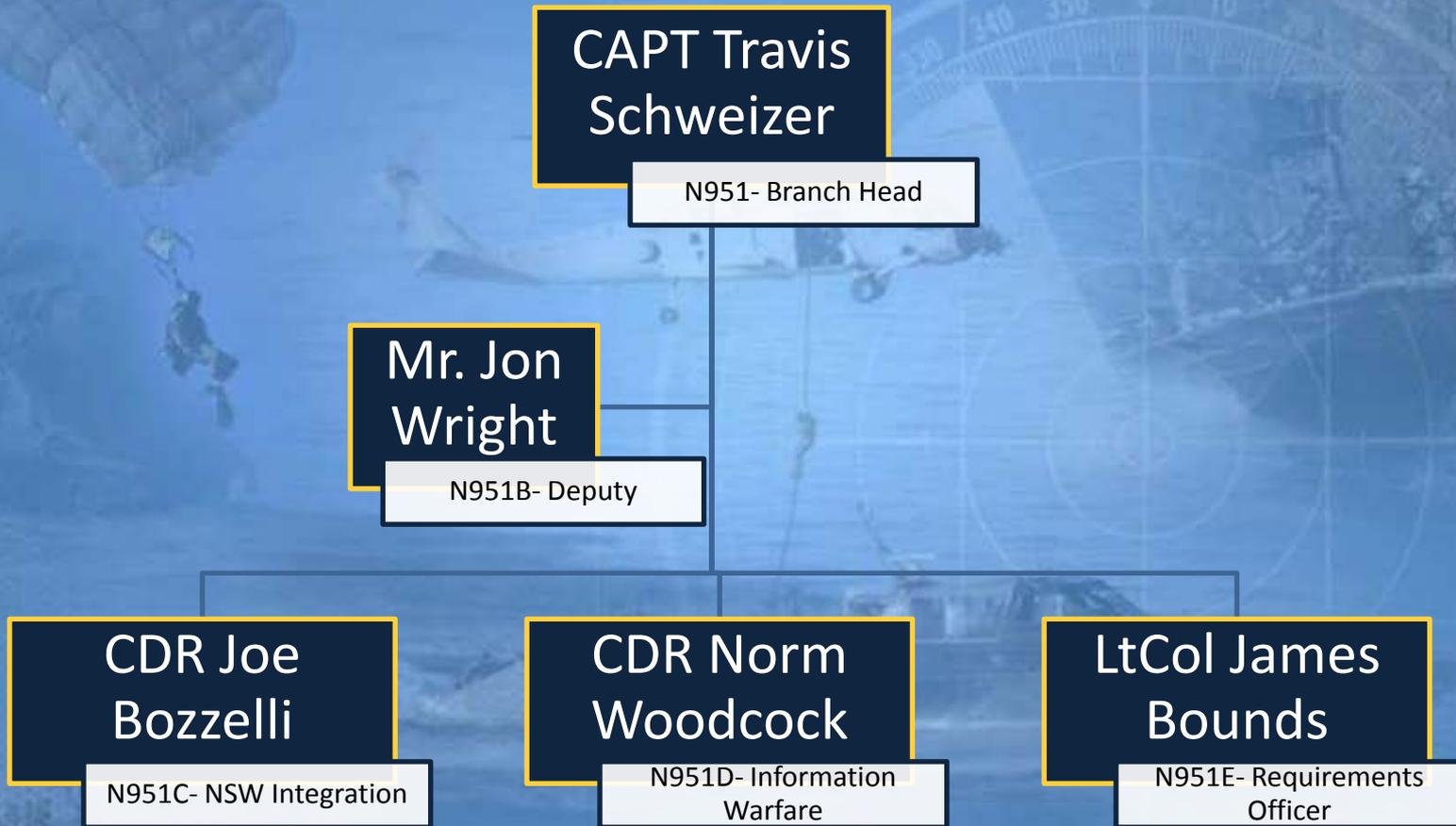
Brief to 17th NDIA Expeditionary Warfare Conference



CAPT Travis Schweizer, USN

13 September 2012

N951 Naval Special Warfare Branch: Organization



N951 Naval Special Warfare Branch: Primary Responsibilities

➤ Resource sponsor for:

- Naval Special Warfare (NSW) service common requirements
- Navy Expeditionary Combat Command Combatant Craft

➤ Senior NSW advocate/advisor on the staff of the CNO.

- NSW Urgent Operational Need (UON)/ Special Operations Force (SOF) - related Joint Urgent Operational Need (JUON) advocate
- Advisor in support of N81 analyses and studies that include or support NSW/SOF equities

➤ OPNAV coordinator/advocate for Navy programs that support/involve SW/ExW.

Examples include:

- Scan Eagle UAS (in support of NSW and USCENTCOM) and the Small Tactical Unmanned Aircraft System (STUAS)
- SOF support attributes of future Navy ships
- Navy policy for Premeditated Personnel Parachuting (P3) and Helicopter Rope Suspension and Helicopter Cast/ Recovery (HRST/C) operations
- Common combatant craft/ seaframe for Navy/NSW

➤ Represent Commander, NSW Command, as directed, in the National Capital Region.

N951 Naval Special Warfare Branch: Top Programs

➤ Naval Special Warfare (NSW)

- Provide procurement and sustainment resources for service common capabilities, to include:
 - Small Arms & Weapons Mounts
 - Tactical Communications Equipment
 - Night Vision Equipment
 - Training Support Craft
 - Operational Stocks
 - Planning & Management Support Systems

➤ Unmanned Aircraft Systems (STUAS) for L-Class ships, NSW and NECC

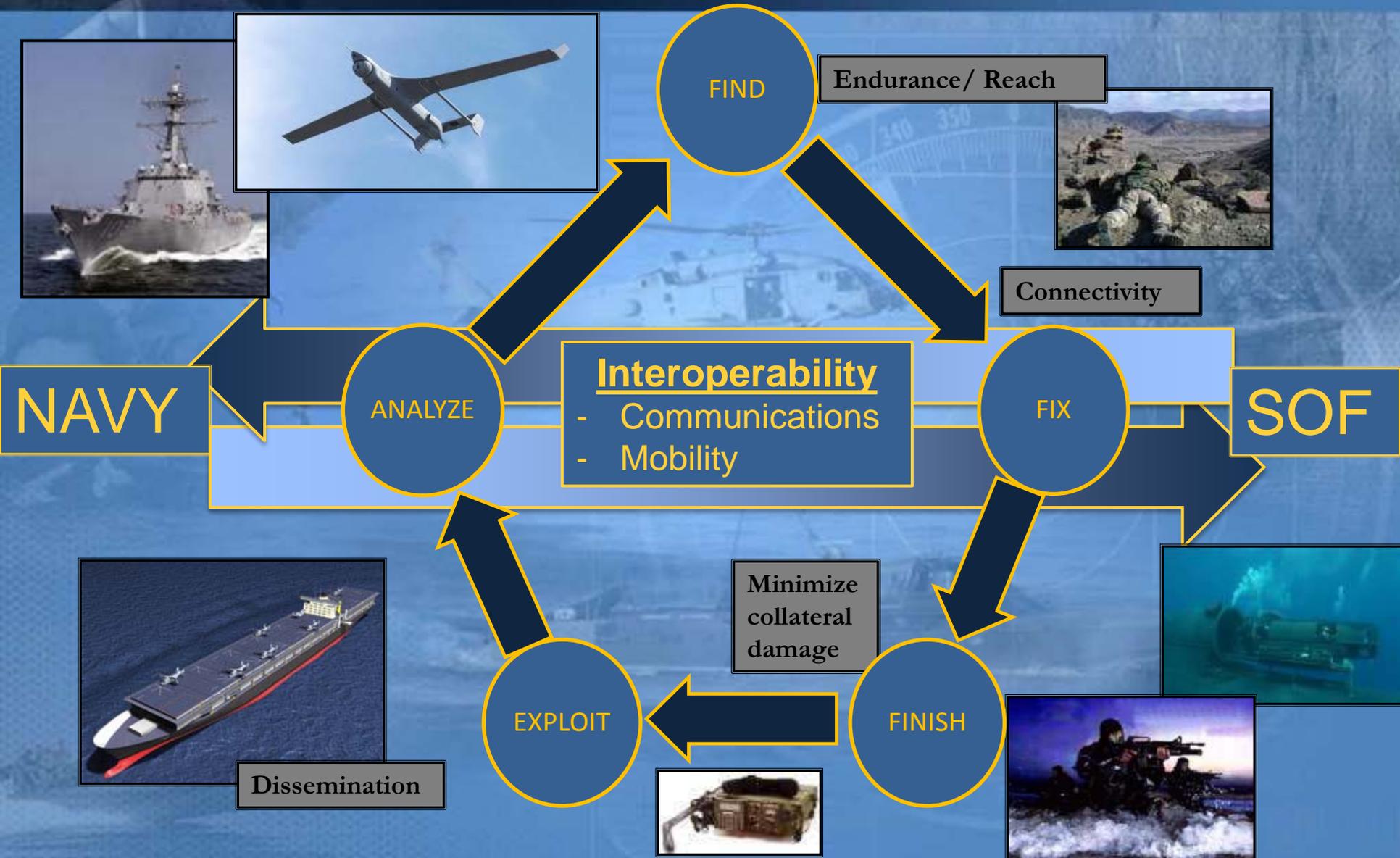
- Representing N95 equities (NSW, NECC and L-Class ships) in this N2N6 - resourced program
- Expeditionary Forces require STUAS Tier II

➤ Procurement/sustainment of Scan Eagle Unmanned Aircraft Systems ISO SOF

- Requested by NAVSPECWARCOM, via UONS, and USCENTCOM, via JUONS for OIF and OEF
- Capabilities provided by the JUON employed under custody of NAVSPECWARCOM
- N951 coordinates execution with NAVAIR program office, Task Force ISR, Naval Special Warfare Command, Special Operations Command Central and other involved/interested parties

N951 Naval Special Warfare Branch:

Focus



N951 Naval Special Warfare Branch:

Major Efforts

- **MK VI Patrol Boat (PB)**
- **Scan Eagle UAS sustainment and monitoring**
- **Mobile Landing Platform (MLP)/ Afloat Forward Staging Base (AFSB)**
- **Small Tactical Unmanned Aircraft System (STUAS)**



N951 POC: CAPT Travis Schweizer 703-614-2107



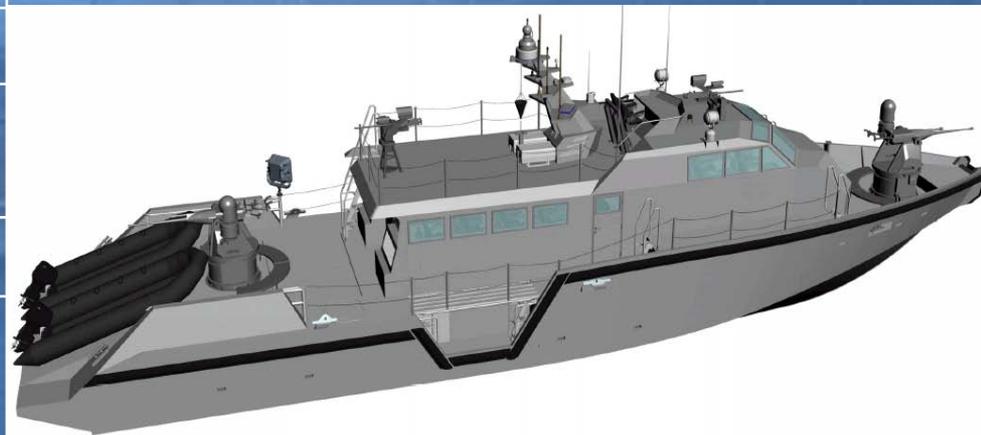
BACKUPS

Mk VI Patrol Boat (PB)

Length x Beam	84.8' x 20.5'
Deadrise (Effective)	22 (18)
Full Load Displacement	165,000 lbs (includes payload)
Payload	11,170 lbs
Draft	4.5'
Speed in 3' seas (<i>125F air and 95F water (Max/Cruise)</i>)	40+ kts/27.5 kts
Fuel Capacity	5000 gal
Range (at Cruise Speed)	620 nm (w/4000 gal)
Engines	2 X MTU 16V2000 M94 (2450 hp each)
Waterjets	2 X Hamilton HM651
Marine Gear	2 X ZF3060 Transmissions (2.037:1 ratio)
Generator	1 X 33kW Westerbeke
Main armament	2 X MK 38 Mod 2 25mm Machine Gun Systems
Secondary armament	2 X Stabilized Small Arms Mounts (.50 cal or 7.62mm) 6 X Crew-served weapons positions (.50 cal, 7.62mm or 40mm)
Armor	Cockpit, cabin, engine compartment - defeat s 7.62mm X 39
C4ISR	Commercial navigation suit, EO/IR sensor, APX-123 Combat Identification, HF; VHF;UHF;UHF SATCOM, Wideband SATCOM, LINK 16 (Small Form Factor)

MISSION

Will provide the operational commander a capability to persistently patrol shallow littoral areas beyond sheltered harbors and bays, and into less sheltered open water out to the Departure Sea Area (DSA), for the purpose of force protection of friendly and coalition forces and critical infrastructure. Mission profiles may include, but will not be restricted to patrol of Maritime Pre-Positioned Force (MPF) and Joint Logistics Over-the-Shore (JLOTS) anchorage and marshaling areas, protection of offshore economic infrastructure/ Gas-Oil Platforms (GOPLATs), escort of high-value asset (HVA) shipping, over watch of Maritime Interdiction Operations (MIO) and Visit; Board; Search and Seizure (VBSS) operations and engagement in Theater Security Cooperation (TSC) and Security Force Assistance (SFA) missions.



Scan Eagle UAV

MISSION:

Procured in response to NSW and Joint SOF Urgent Needs, the Scan Eagle UAS provides full-motion video (FMV) intelligence, surveillance, reconnaissance, and targeting support to tactical users.



Operational Overview

- IOC: Nov 08 (OIF), Aug 09 (OEF):
 - 30,000 Hrs.
 - 6,000 sorties
- Rapid Development Deployment (RDD) – Special Payload Efforts

Operational Employment:

- 9 Navy-owned systems: 6 x Operational, 2 x training, 1 x Op
- Spare hub & spoke operations (300 hrs./month)
 - Spoke (forward control station) ~100km

Equipment:

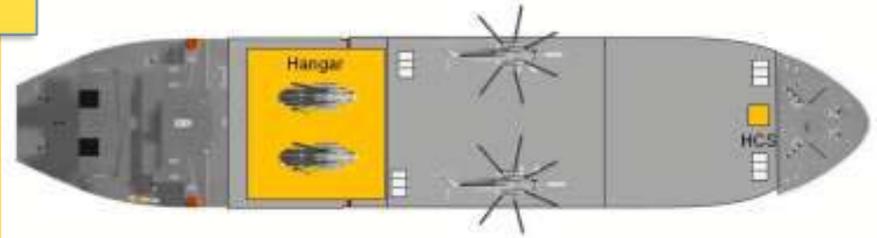
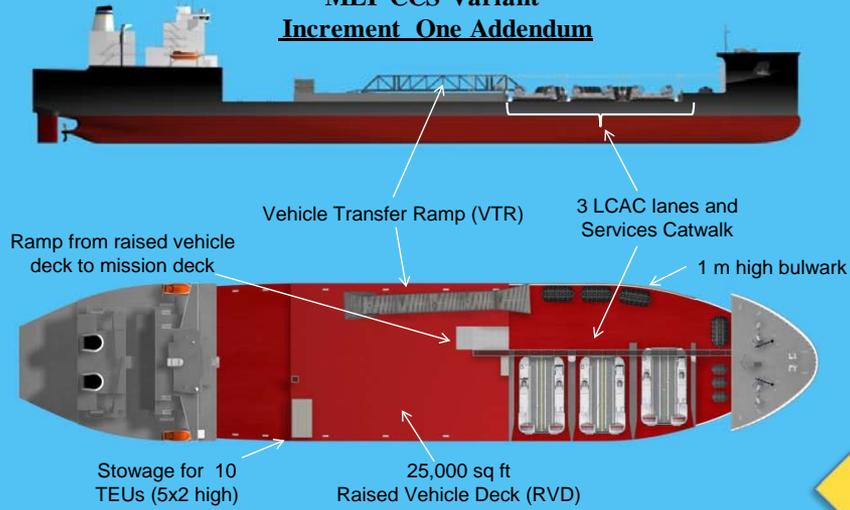
- Scan Eagle UAS (12 air vehicles per site)
- Ground control stations, launch/ recovery, pack-up & maintenance



Scan Eagle UAS is an interim capability until fielding of STUAS Program of Record ~4Q FY13

MLP/AFSB

**MLP CCS Variant
Increment One Addendum**



AFSB Variant



STUAS



Overall Length	7.2 feet
Weight	Design gross take-off: 125 lbs.
Airspeed	80 knots
Ceiling	15,000 ft.
Range	50 nm
Payload	Electro-optical/ infrared, comm relay, AIS, LRF, IR Pointer



Naval Special Warfare (NSW)

Capability Description

- Naval Special Warfare (NSW) forces conduct special operations in support of Joint Force and Navy commanders. Examples include, but aren't limited to:
 - Direct Action
 - Special Reconnaissance
 - Foreign Internal Defense
 - Counter-terrorist Operations
- NSW Forces have been deployed to OEF since 2001 and were deployed to OIF from 2003-2011.
- Navy is responsible for providing resources to support NSW service common capabilities/sustainment.
- Categorization: Navy - only program (SOCOM interest)
 - N95 - Principal resource sponsor; responsible for (most) NSW service common procurements/sustainment (OMN, OPN, WPN).
 - N96 - Responsible for resourcing NSW service common Chemical, Biological, Radiological Decontamination Equipment (CBRDE).



N95, NSW Relationship

- **United States Special Operations Command (USSOCOM) has service-like responsibilities to plan, program, budget and execute resources for Special Operations (SO) – peculiar support, services and equipment.**
- **Military Departments have support responsibilities to plan, program, budget and execute resources for service common capabilities for Special Operations Forces (SOF). Principal guidance is provided by:**
 - Title 10, United States Code, Sections 165, 167.
 - DOD Directive 5100.01; Functions of the Department of Defense and Its Major Components.
 - Memorandum of Agreement – Department of the Navy and USSOCOM.
- **N95 is OPNAV's principal advocate and resource sponsor for the Navy component of USSOCOM - Naval Special Warfare (NSW) Command.**
 - Other NSW (resource) sponsors on the OPNAV staff include:
 - N96 – Chem/Bio equipment, Small Tactical Unmanned Aircraft System (STUAS), SOF support attributes on future surface combattants.
 - N98 – Navy helicopter flight hours in support of NSW.
 - N97 – SOF support attributes onboard Navy submarines.
- **During each POM and PR cycle, N95 considers requests submitted by Commander, Naval Special Warfare Command for sustained and/or increased service common resourcing support.**

Riverine Assault Boat (RAB)

Characteristics

Hull Type	High-grade Aluminum Rigid
Length	33 ft
Beam	9 ft
Draft	2 ft
Crew	7
Passengers	-
Twin Diesels w/Water Jets	Yes
Top Speed: full load	30 knots - cruise 40 knots - sprint
Range	250 nm
Fuel Capacity	250 gallons
C-130 Transportability	No
Combat Load	20, 500 lbs.
Bow Door/Ramp	No
Weapons Foundations	Multiple



Unclassified

Riverine Patrol Boat (RPB)

Characteristics

Hull Type	High-grade Aluminum Rigid
Length	39 ft
Beam	10 ft - 2 in
Draft	2 ft
Crew	5
Passengers	8
Twin Diesels w/Water Jets	Yes
Top Speed: full load	35 knots - cruise 38 knots - sprint
Range	275 nm
Fuel Capacity	300 gallons
C-130 Transportability	No
Combat Load	22,800 lbs.
Bow Door/Ramp	Yes
Weapons Foundations	Multiple



Unclassified

Riverine Command Boat (RCB)

Characteristics

Hull Type	High-grade Aluminum Rigid
Length	49 ft
Beam	12 ft - 5 in
Draft	3 ft
Crew	4
Passengers	26
Twin Diesels w/Water Jets	Yes
Top Speed: full load	40 knots - cruise 45 knots - sprint
Range	>320 nm
Fuel Capacity	300 gallons
C-130 Transportability	No
Combat Load	40,000 lbs.
Bow Door/Ramp	Yes
Weapons Foundations	Multiple



Unclassified

Riverine Vehicles

MK 25 MTVR W/ MAS ARMOR KIT



UPARMORED HMMWV



CAT I



CAT II



MRAP (Mine Resistant Ambush Protected)