2017 NOAA Small Boat Summit

“Safe behavior and Operational Risk Management must become routine, habitual, and automatic processes for NOAA.”

VADM Michael S. Devany
Deputy Under Secretary for Operations, NOAA
Introductions

Program Office

**LCDR Nicola VerPlanck** - Manager

**LCDR Megan Guberski** - Executive Officer

**Darel McCormick** - Inspection Coordinator

**Jeff Kingrey** - Engineering Coordinator

**TBD** - Training Coordinator

**Board**

- **Dennis Donahue** – Chair, OAR/NWS
- **LCDR Nicola VerPlanck** - SBP Office
- **Tim Donaldson** - OLE
- **Joe Duran** – SECO
- **Wayne Hoggard** - NMFS
- **CAPT John Humphrey** - OMAO
- **LCDR Madeleine Adler** - NOS
- **Chad Yoshinaga** - NMFS
- **Kevin Ivey** - OMAO

NOAA Small Boat Program
NOAA Small Boat Operations

- Boats
- Personnel
- Budget
- Mission
- Safety
- VOC
- SBP Compliance
2017 NOAA Small Boat Summit

Gary Reisner
Deputy Assistant Administrator for Programs and Administration
OMAO

David Quivey, Ph.D.
Director, NOAA Environmental, Safety and Sustainability
Office of the Chief Administrative Officer

“Safe behavior and Operational Risk Management must become routine, habitual, and automatic processes for NOAA.”

VADM Michael S. Devany
Deputy Under Secretary for Operations, NOAA
• Address platform diversity
• VOC roles and responsibilities
• Organizational challenges
• SBP connections within NOAA
• Boat acquisition process
• External peer review of SBP
• Base funding and life cycle management
• Training resources
• Communication tools
• Increase community involvement
Messaging to NOAA Leadership
Program Overview Update 8-4-16

• This summary, provided by the Board and Program Office, communicates the current priorities, activities, and initiatives that impact the Small Boat community. An overarching theme is to improve communication at all levels to assure that our efforts are supportive of the safe and efficient use of NOAA Small Boats.

• Significant Program initiatives include:
  ✓ Revision of NOAA Small Boat Standards and Procedures Manual (SBS&M)
  ✓ Creation of the Vessel Inventory Data Base
  ✓ Support of Vessel Operations Coordinator
  ✓ New Program Training Coordinator position
    – Small Boat Metrics
    – Information Management and Follow-up
    – Challenges of Asset Management
    – Innovative Tools and Partnerships
2017 Summit Objectives

- Identify areas to improve Program support
- Explain Board / Program activities
- Support community dialogue
- Reality check
NOAA Small Boat Operations

Boats

Personnel

Budget

VOC

Mission

SBP Compliance

Safety
“_________” Small Boat Operations

Boats
Mission
Safety
Personnel
SBP Compliance
Budget
VOC Duties
Operations Management

**Process Elements**
- Machines
- Manpower
- Methods
- Materials

**NOAA SBP Elements**
- Boat / systems
- Coordination, skills
- Procedures
- Funds/ Gear / tools

- Boat | condition, capabilities, limitations
- Mission | objectives, limitations
- Team | coordination, skills, training
- Environment | weather, operating area

Risk to:
- Safety
- Mission
- Compliance
- Budget

Quality
- Productivity
- Safety
- QWL

**NOAA Small Boat Program**
Risk
The likelihood of a negative outcome

Safety
- Personal Injury
- Damage to Property

Mission
- Missed Objectives
- Poor Quality

Budget
- Over Budget
- Under Funded
- Compromised Priorities

Platform
- Downtime
- Life Cycle
- Emergency Repairs

Compliance
- SBP Requirements
- Line Office
- State / Federal

NOAA Small Boat Program
Small Boat Standards and Procedures Manual

Process
- Team Effort
- Spanned two years
- Balanced Perspective
- Consensus / compromise
- Focus on Risk Elements

Review
- VOC Summit Feedback
- Corrections / edits
- Identify Issues
- Support Resources

Content
- Streamlined
- New Approaches
- New Content
- Significant Changes
- Minor Changes

Introduction
- VOC Summit
- Website Resources
- NOAA Component
- Training
Risk = Boat + Mission + Environment

- **Section 5 - Risk Management**
  = Boat Baseline + Mission Plan + GAR

- **Section 8 - Mission Planning**
  = Boat Readiness + Mission details + GAR

- **Section 9 - Design and Construction**
  = Class + Mission Capacities + Operating Area

- **Section 10 - Carriage Requirements**
  = Class + Mission + Operating Area

- **Section 12 - Acquisitions and Alterations**
  = Design criteria + Mission requirements + Operating area

Joe and Chad

Dennis and Darel

Wayne and Jeff
New Approaches

• Move reference material to website
• Minimize external references
• Shift from prescriptive requirements to a risk based process
• New risk equation
  \[ \text{Risk} = \text{Boat} + \text{Mission} + \text{Environment} \]
• Provide guidance that allows for customized content
  – Section 11 – Emergency Readiness
  – Section 16 – Maintenance Plan
• Address the critical role and challenges of VOC’s
  – Section 2 - Roles and Responsibilities

Dennis
Megan, Nicky, Wayne
New or Significant Changes

• Section 9 – Stability, Design and Construction
• Section 16 – Maintenance Plan
• Section 17 – Accident and Damage Reporting
• Section 19 – Rigging and Proof Testing
Refinements and Definition

- Defined Applicability of this Manual (1.02)
  - NOAA owned and operated
  - NOAA owned and operated by others
  - NOAA Operators of private/commercial boats
  - NOAA Operators of other agency/institution boats
- Removed “Passenger” as a category of embarked persons on small boats (2.0)
- Added Medical and Fitness Considerations (3.10)
- Minimum age Requirement (3.04)
- Included Foreign National Policy (3.05)
- Included Harassment Policies (3.07)
- Defined “Active and Inactive” boats (4.02)
- Crew PQS requirement (6.03)
- Advanced and continued training recommendation (6.06)
- Added definition to work day, watch and rest requirements (7.05)
- Additional Float Plan detail (8.01)
- Log book/trip report requirements (8.9)
- Added Pre-Acquisition Process (12.01)
- Removed requirement for standardized hull and equipment colors (13)
- Simplified ASBE for non-motorized/portable outboards boats (14)
Tangent Topics

- Program / Board Initiatives
- Metrics
- Environmental Stewardship
- Float Plan and Inventory Programs
- Training
- Inspector’s Notebook

Nicky
John and Dennis
Darel
Wayne and Megan
Chad
Darel
2017 Summit

Objectives
• Identify areas to improve Program support
• Explain Board / Program Activities
• Support Community Dialogue
• Reality Check

Outcomes - your role
• Initiate plans for Manual compliance
• Communicate needs on the waterfront
• Help identify SB Program priorities and products
• Build networking and collaboration
“That settles it! Either we get a bigger boat or we cut back on the safety gear.”
Cowboy after O.S.H.A. Inspection

NOAA Small Boat Program