

# NOAA Small Boat Program



# 2019 NOAA Small Boat Summit

***"NOAA's Small Boat Program is important to NOAA's missions and definitely punches above its weight"***

Tim Gallaudet, Ph.D., Rear Admiral, U.S. Navy (Ret.)  
Assistant Secretary of Commerce for Oceans and Atmosphere /  
Deputy NOAA Administrator



NOAA Small Boat Program



# Introductions

## Program Office

**LCDR Nicola VerPlanck** - Manager

**LCDR Brian Elliot** - Executive Officer

**Darel McCormick** - Inspection Coordinator

**Jeff Kingrey** - Engineering Coordinator

**Paul Moreno** - Training Coordinator



## Board – Voting Members

- **Dennis Donahue** – Chair , OAR/NWS
- **LCDR Nicola VerPlanck** - SBP Office
- **Richard Chesler** - OLE
- **Joe Duran** – SECO
- **Wayne Hoggard** - NMFS
- **Chad Yoshinaga** - NMFS
- **John Humphrey** - OMAO
- **Michael Davidson** - NOS
- **Dave Slocum** - NOS

## Board – Participants

**Kevin Ivey** - OMAO- LESCO

**Ann Byar** – SECO – LESCO

**Tony Mapes** – SECO - LESCO



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# Reflections on 2017 Summit

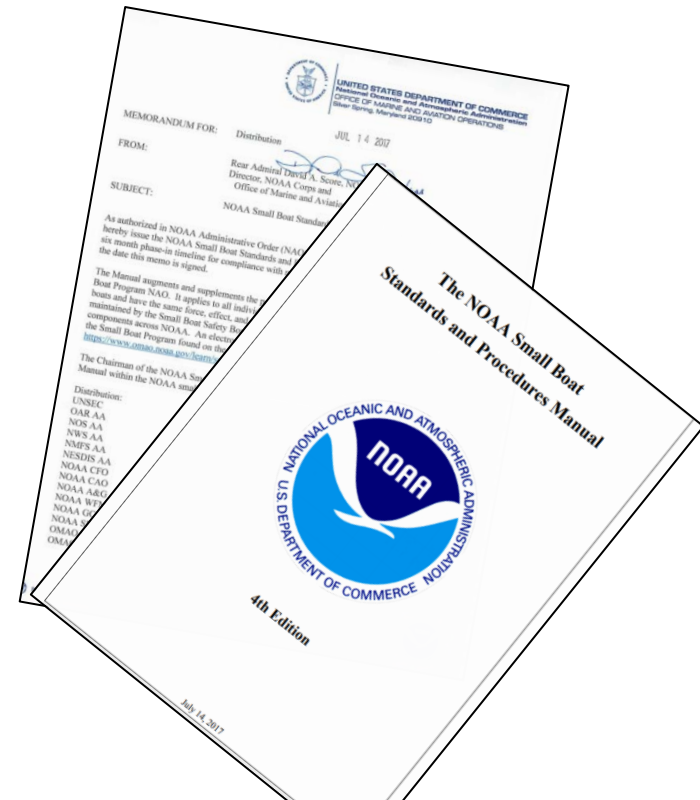


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# 2017 Summit

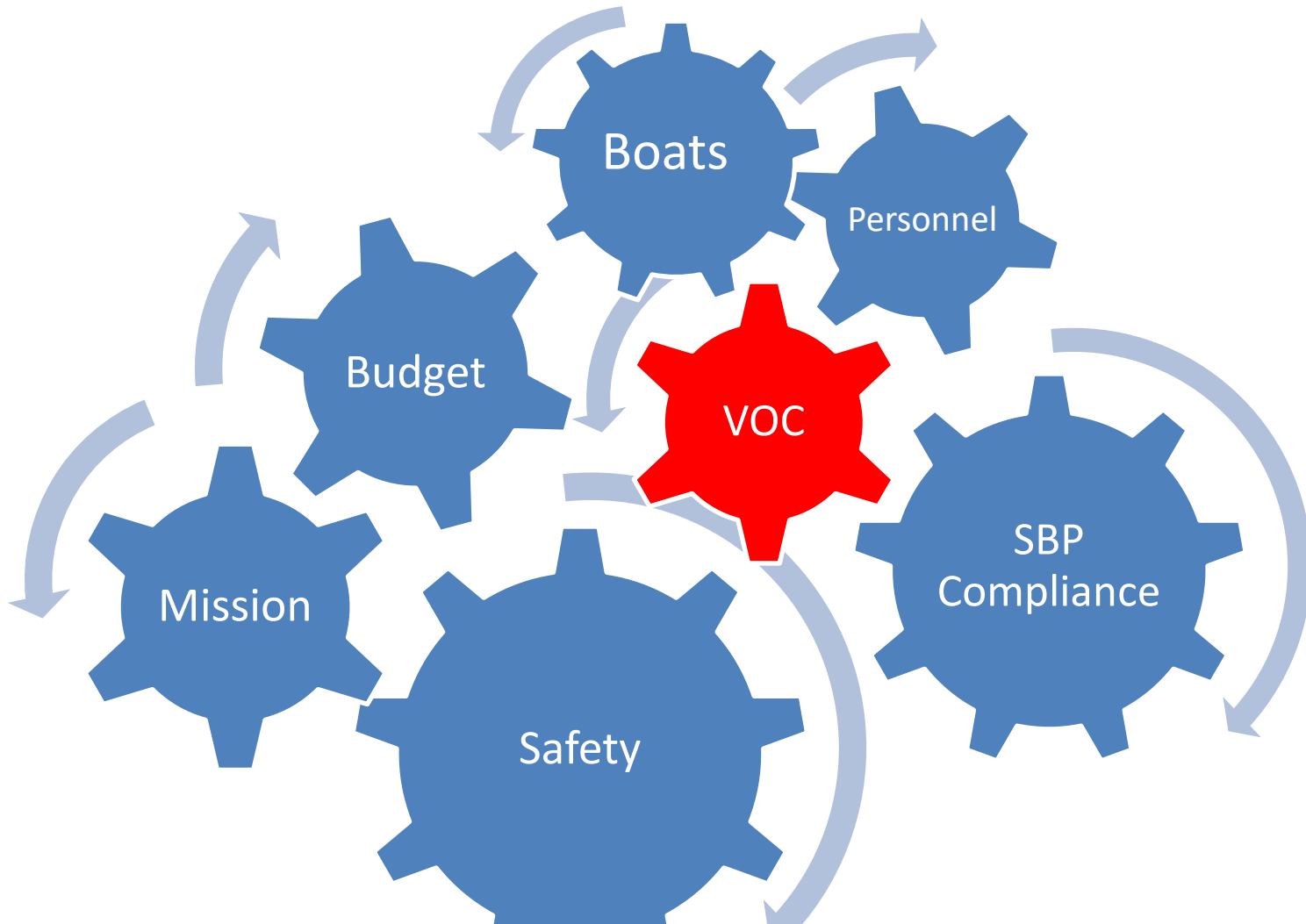
- Introduced 4<sup>th</sup> Edition Standards and Procedures Manual
  - Fundamental changes in approach to risk management
- Identified areas to improve Program support
- Explained Board / Program activities
- Supported community dialogue
- Reality check



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# Boat Operations

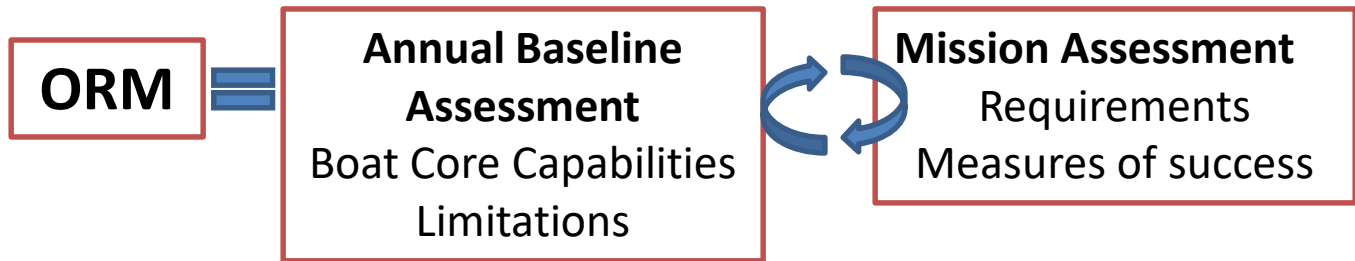




## Holistic Risk Equation



## New Decision Support Tools



### Operational Risk Assessment Form

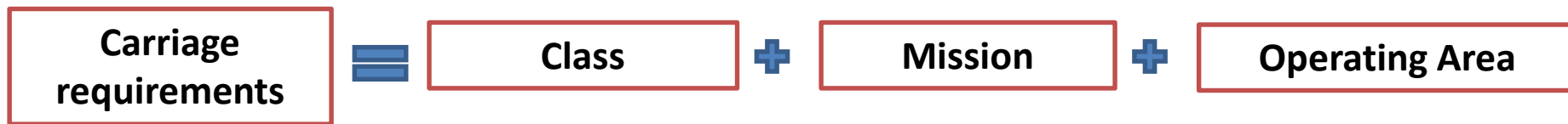
#### GAR Evaluation Scale

Rate the following where:  
0 = no risk and 10 = the highest risk

Category	Rating (0-10)	Comments/Sources
Resources: Boat and Equipment, Supervision, Communication, Support		
Environment: Surf Zone, Hazards, Ice, Rocks, Traffic, Obstacles or Uncharted Water		
Team Selection: Experience, Training, and Familiarity		
Fitness: Physical and Mental		
Weather: Effects on mission and safety		
Mission Complexity: New or Experimental, Restricted Maneuverability		
Total Risk		
Green = 0 - 23 (Go, Low Risk) Amber = 24 - 44 (Use Extra Caution) Red = 45 - 60 (Stop, High Risk)		

Refer to the Boat's Operation Manual for a more detailed description of Risk Considerations

## Boat Outfitting



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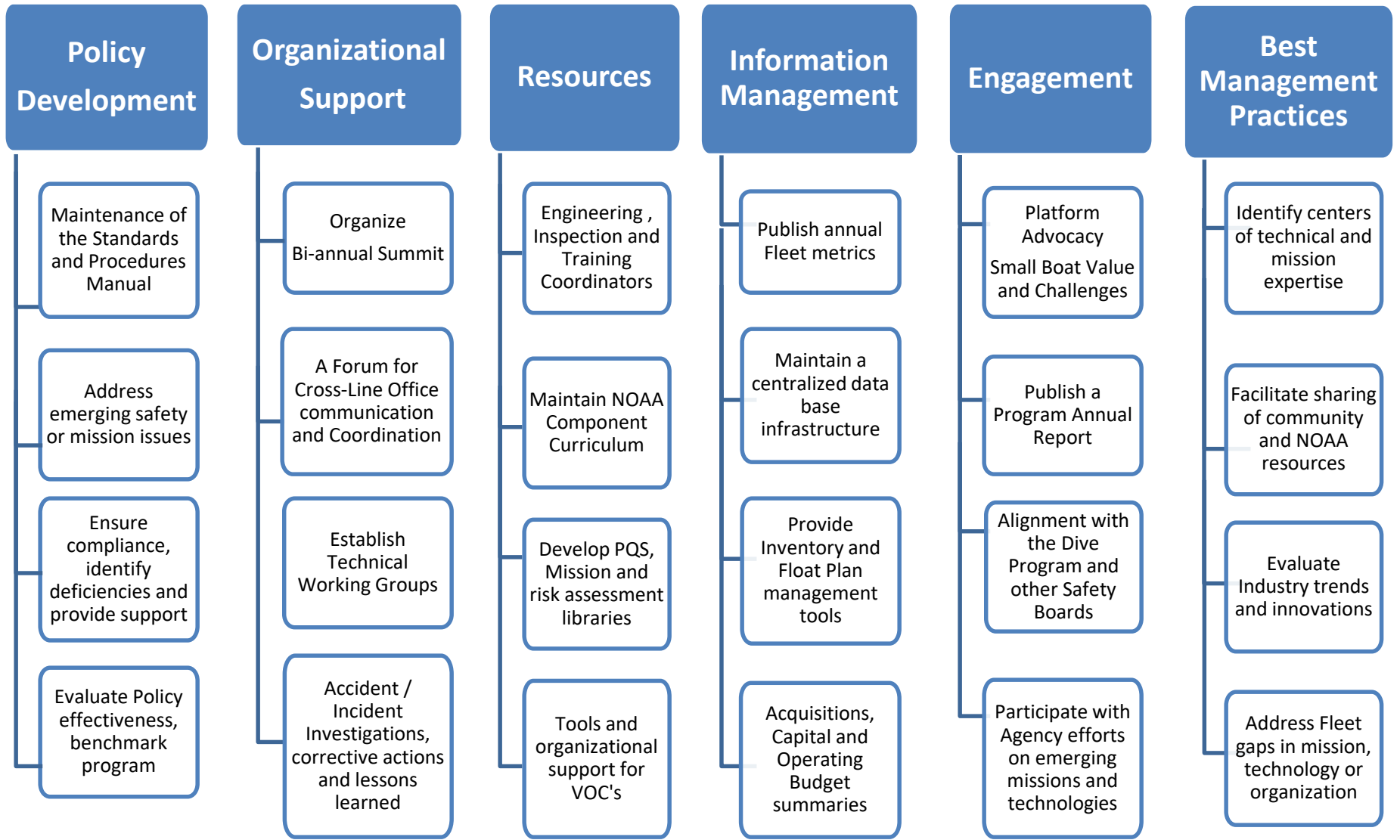




# What we heard at the 2017 Summit:

- Recognize platform / mission diversity
- Define / support VOC roles and responsibilities
- Address organizational challenges
- Improve SBP connections within NOAA
- Boat acquisition / contracting processes
- Support for external / peer review of SBP
- Base funding and life cycle management
- Improve training resources
- Improve communication tools
- Increase community involvement





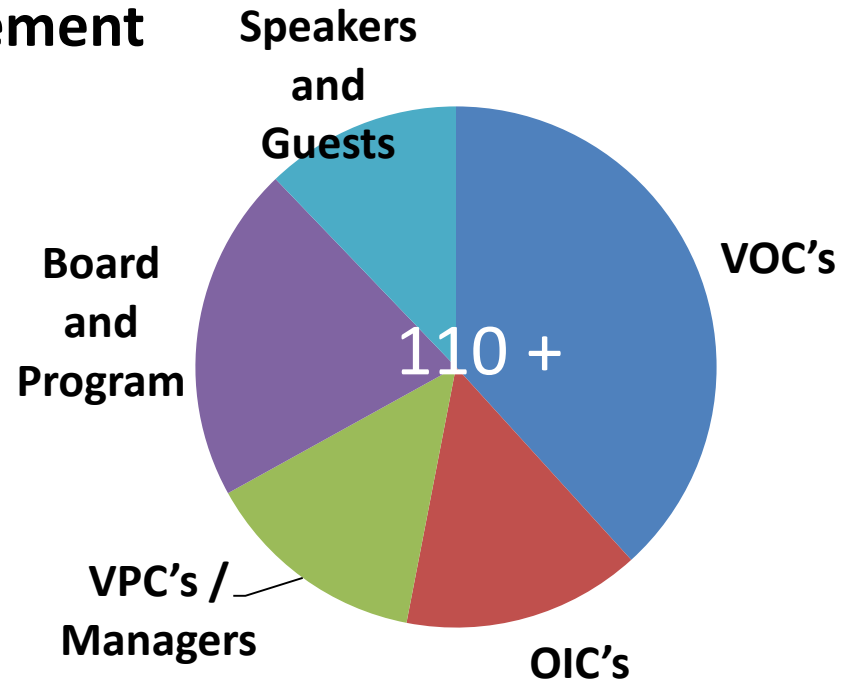
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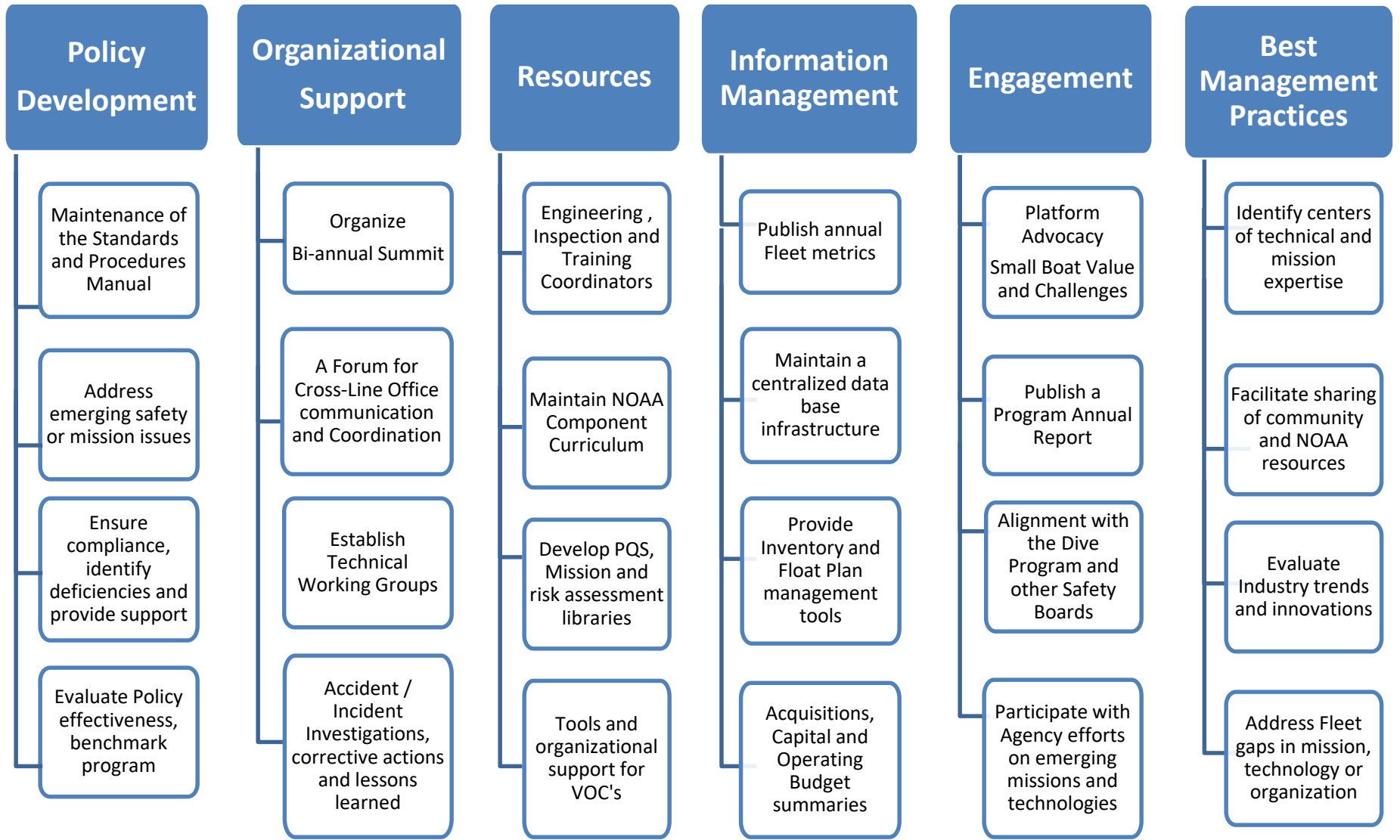


# 2019 Summit

## Objectives

- **Highlight new tools and technologies**
- **Present Board / Program activities**
- **Identify areas for improvement**
- **Community dialogue**
- **Reality check**





# NOAA Small Boat Program





**Policy  
Development**

**Organizational  
Support**

**Resources**

**Information  
Management**

**Engagement**

**Best  
Management  
Practices**

Maintenance of the  
Standards and  
Procedures Manual

Address emerging  
safety or mission  
issues

Ensure compliance,  
identify deficiencies  
and provide support

Evaluate Policy  
effectiveness,  
benchmark program

Revision Status  
Approved and pending changes  
Feedback tools

### **Reality Checks**

Poster Session  
Breakout sessions

- Line Office
- Vessel Class
- Mission

Google Forums  
Summit Critique  
Flip pads  
Dialogue



# NOAA Small Boat Program



Policy Development

**Organizational Support**

Resources

Information Management

Engagement

Best Management Practices

Organize Bi-annual Summit

- Long term commitment
- Feedback will shape 2021 Summit

A Forum for Cross-Line Office communication and coordination

- Overhaul of NOAA SB webpage
- Launch of SB Google site

Establish Technical Working Groups

- Stability Working Group
- Potential new groups

Accident / Incident investigations, corrective actions and lessons learned

- Case studies
- NOAA Process
- USCG Perspectives



# NOAA Small Boat Program



Policy  
Development

Organizational  
Support

**Resources**

Information  
Management

Engagement

Best  
Management  
Practices

- New SBEX inspectors
- Stability Working Group

- Improved coordination
- New curriculum
- New instructors

- New training / orientation tools

- VOC Performance Plan Element
- Roles and Responsibilities

Engineering,  
Inspection and  
Training Coordinators

Maintain NOAA  
Component  
Curriculum

Develop PQS, Mission  
and risk assessment  
libraries

Tools and  
organizational  
support for VOC's

**Stability Working Group**

- **Michael Davidson**
- **Jennifer Doerr**
- **Pete Plantamura**
- Dennis Donahue
- Jeff Kingrey
- Darel McCormick



# NOAA Small Boat Program



Policy Development

Organizational Support

Resources

Information Management

Engagement

Best Management Practices



VOP and VIM Enhancements  
 IT Support Resources  
 Breakouts

- Tutorial session
- Feedback session

Publish annual Fleet metrics

Maintain a centralized data base infrastructure

Provide Inventory and Float Plan management tools

Acquisitions, Capital and Operating Budget summaries



# NOAA Small Boat Program





Policy  
Development

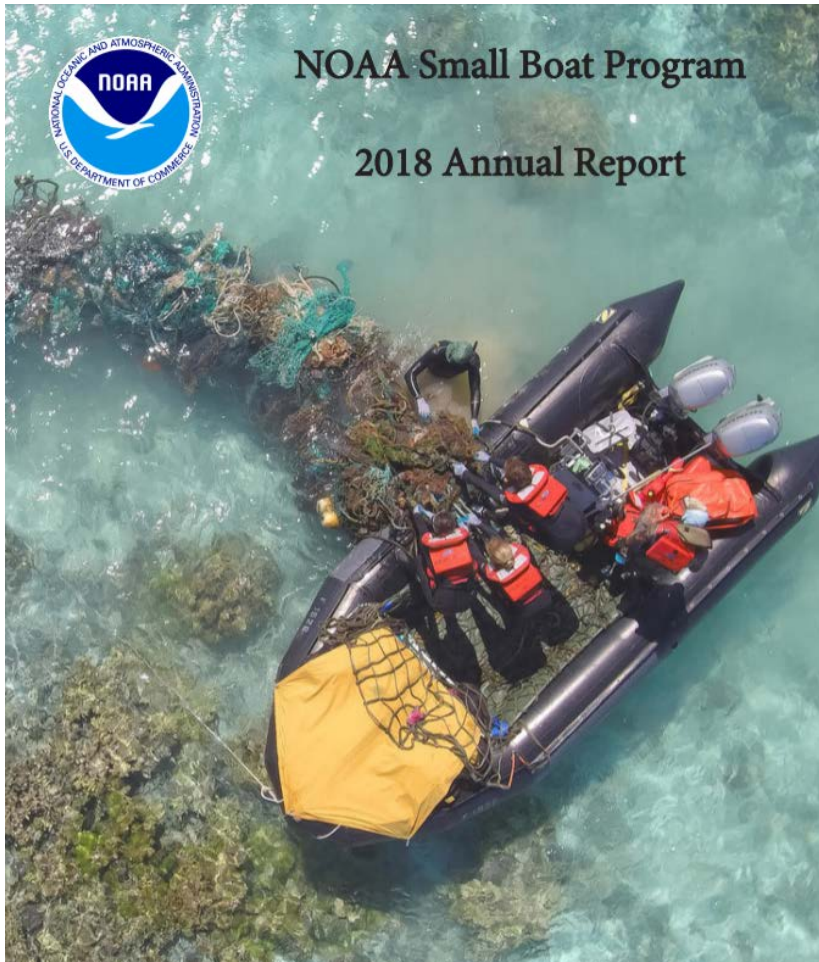
Organizational  
Support

Resources

Information  
Management

**Engagement**

Best  
Management  
Practices



Platform Advocacy  
Small Boat Value and  
Challenges

Publish a Program  
Annual Report

Alignment with the  
Dive Program and  
other Safety Boards

Participate with  
Agency efforts on  
emerging missions and  
technologies



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# FY 19 *Annual* Report

- Theme : **NOAA Boats Support Advanced Technologies**
  - Submit ideas, story lines, topics via SB Google site
- Standing Topics / Sections
  - Metrics
  - Line Office / Unit news
  - Board / SB Program priorities and initiatives
- New Topics / Sections
  - Highlights
    - Feature story on 1-2 boats (or operating groups) per L.O.
  - New fleet additions / overhauls / applications
  - Collaborations
    - Multi-Agency projects
    - Inter- Agency projects



# Summit Logistics

- Daily debrief and adjustments
- Morning recap
- Logo
- Poster Sessions
- Breakout sign up
- Joe's cookie jar
- Lunch logistics



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# Capital and Sustainability Study

