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
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

Board – Participants

Kevin Ivey - OMAO- LESCO
Ann Byar – SECO – LESCO
Tony Mapes – SECO - LESCO
Reflections on 2017 Summit
2017 Summit

  - Fundamental changes in approach to risk management
- Identified areas to improve Program support
- Explained Board / Program activities
- Supported community dialogue
- Reality check
Boat Operations

- Boats
- Personnel
- Budget
- Mission
- Safety
- VOC
- SBP Compliance

NOAA Small Boat Program
Risk
The likelihood of a negative outcome

Safety
- Personal Injury
- Damage to Property

Budget
- Over Budget
- Under Funded
- Compromised Priorities

Mission
- Missed Objectives
- Poor Quality

Platform
- Downtime
- Life Cycle
- Emergency Repairs

Compliance
- SBP Requirements
- Line Office
- State / Federal

NOAA Small Boat Program
Holistic Risk Equation

Risk = Platform / Crew + Mission / Gear + Environment / Execution

New Decision Support Tools

ORM

Annual Baseline Assessment
Boat Core Capabilities Limitations

Mission Assessment
Requirements
Measures of success

Boat Outfitting

Carriage requirements = Class + Mission + Operating Area
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
2019 Summit

Objectives

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

VOC’s
OIC’s
VPC’s / Managers
Board and Program
Speakers and Guests

110 +
### NOAA Small Boat Program

<table>
<thead>
<tr>
<th>Policy Development</th>
<th>Organizational Support</th>
<th>Resources</th>
<th>Information Management</th>
<th>Engagement</th>
<th>Best Management Practices</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance of the Standards and Procedures Manual</td>
<td>Organize Bi-annual Summit</td>
<td>Engineering, Inspection and Training Coordinators</td>
<td>Publish annual Fleet metrics</td>
<td>Platform Advocacy Small Boat Value and Challenges</td>
<td>Identify centers of technical and mission expertise</td>
</tr>
<tr>
<td>Address emerging safety or mission issues</td>
<td>A Forum for Cross-Line Office communication and Coordination</td>
<td>Maintain NOAA Component Curriculum</td>
<td>Maintain a centralized data infrastructure</td>
<td>Publish a Program Annual Report</td>
<td>Facilitate sharing of community and NOAA resources</td>
</tr>
<tr>
<td>Ensure compliance, identify deficiencies and provide support</td>
<td>Establish Technical Working Groups</td>
<td>Develop PQS, Mission and risk assessment libraries</td>
<td>Provide Inventory and Float Plan management tools</td>
<td>Alignment with the Dive Program and other Safety Boards</td>
<td>Evaluate Industry trends and innovations</td>
</tr>
<tr>
<td>Evaluate Policy effectiveness, benchmark program</td>
<td>Accident / Incident Investigations, corrective actions and lessons learned</td>
<td>Tools and organizational support for VOC's</td>
<td>Acquisitions, Capital and Operating Budget summaries</td>
<td>Participate with Agency efforts on emerging missions and technologies</td>
<td>Address Fleet gaps in mission, technology or organization</td>
</tr>
</tbody>
</table>

**NOAA Small Boat Program**
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
Organizational Support

- Organize Bi-annual Summit
- A Forum for Cross-Line Office communication and coordination
- Establish Technical Working Groups
- Accident / Incident investigations, corrective actions and lessons learned

Information Management

- Long term commitment
- Feedback will shape 2021 Summit

Engagement

- Overhaul of NOAA SB webpage
- Launch of SB Google site
- Stability Working Group
- Potential new groups

Best Management Practices

- Case studies
- NOAA Process
- USCG Perspectives
Organizational Support

Resources

- 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

Policy Development

- New SBEX inspectors
- Stability Working Group

Organizational Support

- Improved coordination
- New curriculum
- New instructors

Best Management Practices

- New training / orientation tools

- VOC Performance Plan Element
- Roles and Responsibilities
Organizational Support

Resources

Information Management

Engagement

Best Management Practices

Publish annual Fleet metrics

Maintain a centralized database infrastructure

Provide Inventory and Float Plan management tools

Acquisitions, Capital and Operating Budget summaries

VOP and VIM Enhancements

IT Support Resources Breakouts

  • Tutorial session
  • Feedback session
NOAA Small Boat Program

2018 Annual Report

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
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

NOAA Small Boat Program
Capital and Sustainability Study

Policy Development
- 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

Organizational Support
- Organize Bi-annual Summit
- Establish Technical Working Groups
- Accident / Incident investigations, corrective actions and lessons learned

A Forum for Cross-Line Office communication and Coordination

Resources
- Engineering, intersection and training coordinators
- Maintain NOAA Component Curriculum
- Develop PQS, Mission and risk assessment libraries
- Tools and organizational support for VOC’s

Information Management
- Publish annual Fleet metrics
- Maintain a centralized database infrastructure
- Provide Inventory and Float Plan management tools

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

Engagement
- Acquisitions, Capital and Operating Budget summaries
- Address Fleet gaps in mission, technology or organization

Best Management Practices
- Identify centers of technical and mission expertise
- Facilitate sharing of community and NOAA resources
- Evaluate Industry trends and innovations

NOAA Small Boat Program