ACCSP Coordinating Council

ASMFC Annual Meeting
Beaufort, NC
8:30 – 10:30 am | October 17, 2023

Chair: Jason McNamee
Vice-Chair: Kathy Knowlton
Staff: Geoff White

Our vision is to be the principal source of fisheries-dependent information on the Atlantic coast through the cooperation of all program partners.

Council Consent

a) Approval of Agenda

b) Approval of Previous Meeting Minutes

Consider FY2024 ACCSP Project and Administrative Proposals for Funding

Our vision is to be the principal source of fisheries-dependent information on the Atlantic coast through the cooperation of all program partners.

Compared Ranking of Maintenance Projects

Operations		Advisors	
FY24: North Carolina biological database enhancements for the transmission of data to the ACCSP	NCDMF	FY24: North Carolina biological database enhancements for the transmission of data to the ACCSP	NCDMF
FY24: Managing 100% Lobster Harvester Reporting in Maine	ME DMR	FY24: Managing 100% Lobster Harvester Reporting in Maine	ME DMR
Advancing Fishery Dependent Data Collection for Black Sea Bass (Cetropristis striata) in the Southern New England and Mid-Atlantic Region Utilizing Modern Technology and a Vessel Research Fleet Approach	RI DEM	Advancing Fishery Dependent Data Collection for Black Sea Bass (Cetropristis striata) in the Southern New England and Mid-Atlantic Region Utilizing Modern Technology and a Vessel Research Fleet Approach	RI DEM
FY24: Expansion of the FISHstory Citizen Science Project	SAFMC	Pilot Observer Program for Rhode Island State Waters Gillnet Fishery	RI DEM
Electronic Trip-Level Reporting for the Potomac River Fisheries Commission Commercial Fisheries Sector	PRFC	Electronic Trip-Level Reporting for the Potomac River Fisheries Commission Commercial Fisheries Sector	PRFC
Pilot Observer Program for Rhode Island State Waters Gillnet Fishery	RI DEM	FY24: Expansion of the FISHstory Citizen Science Project	SAFMC

Compared Ranking of New Projects

Operations		Advisors	
Development and Integration of National Marine Fisheries Service (NMFS) Highly Migratory Species (HMS) Data Elements	SC DNR	Improving Catch and Effort Data Collection from Recreational Tilefish Anglers	MAFMC
Development of Statistical Frames for Dockside Biosampling of the Recreational Headboat and Commercial Fishing Fleets in	SEFSC	Development and Integration of National Marine Fisheries Service (NMFS) Highly Migratory Species (HMS) Data Elements	SC DNR
Massachusetts Oracle Forms Redesign and Modernization: Phase 2	MA DMF	Massachusetts Oracle Forms Redesign and Modernization: Phase 2	MA DMF
Port Sampling for the Maine Atlantic Halibut Fishery	ME DMR	Development of Statistical Frames for Dockside Biosampling of the Recreational Headboat and Commercial Fishing Fleets in	SEFSC
Improving Catch and Effort Data Collection from Recreational Tilefish Anglers	MAFMC	A comprehensive verification program for accountable electronic harvest reporting in Maryland's commercial fisheries	MD DNR
A comprehensive verification program for accountable electronic harvest reporting in Maryland's commercial fisheries	MD DNR	Port Sampling for the Maine Atlantic Halibut Fishery	ME DMR
Characterizing Atlantic Cod Discards in the Maine Lobster Fishery for use in Stock	ME DMR	The Economic Impact of Rhode Island's Fishing Industry	RI DEM
The Economic Impact of Rhode Island's Fishing Industry	RI DEM	Geographic Information System Tracking Enhancement for Potomac River Fisheries	PRFC
Geographic Information System Tracking Enhancement for Potomac River Fisheries Commission Commercial Fisheries	PRFC	Characterizing Atlantic Cod Discards in the Maine Lobster Fishery for use in Stock Assessment	ME DMR

ACCSP FY2024 Funding & Project Summary

+ $3,530,000 ACCSP plus 'FINcrease'
+ $ 250,000 FY 2023 unallocated
+ **$3,780,000 total available**

- ACCSP Administrative proposal @2,360,327
- 7 Maintenance proposals @ $1,040,252
- 9 New project proposals @ $1,316,442
- **Total proposed @ $4,761,444**

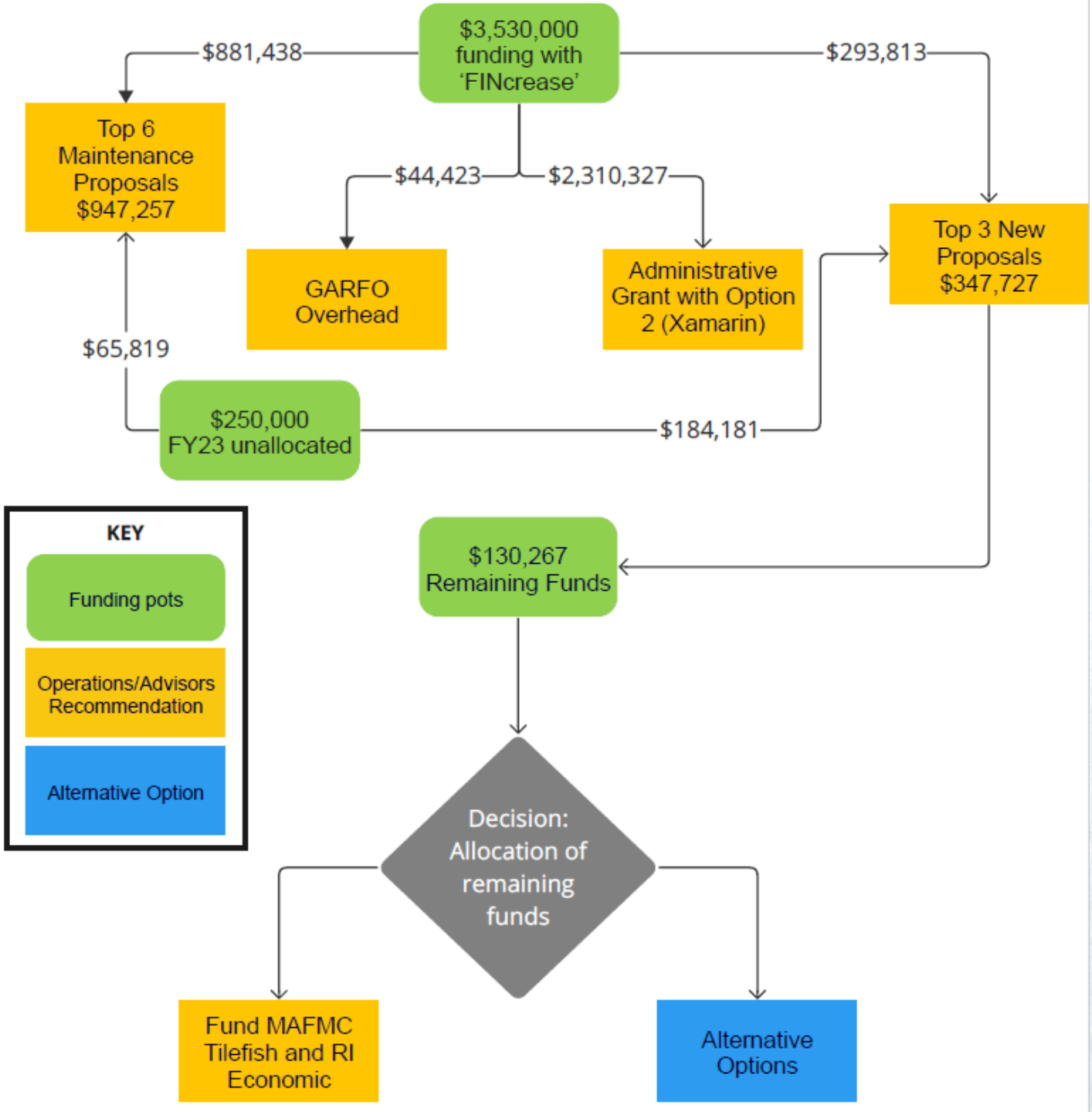
Average Ranking of Maintenance Projects

Project Name	Partner	Score	Cost	Cumulative Cost	3.5M Amt Remaining
FY24: North Carolina biological database enhancements for the transmission of data to the ACCSP	NCDMF	50.20	$ 146,981	$ 146,981	$ 800,276
FY24: Managing 100% Lobster Harvester Reporting in Maine	ME DMR	49.92	$ 335,591	$ 482,572	$ 464,685
Advancing Fishery Dependent Data Collection for Black Sea Bass (Cetropristis striata) in the Southern New England and Mid-Atlantic Region Utilizing Modern Technology and a Vessel Research Fleet Approach	RI DEM	48.44	$ 43,635	$ 526,207	$ 421,050
FY24: Expansion of the FISHstory Citizen Science Project	SAFMC	45.12	$ 86,815	$ 613,022	$ 334,235
Electronic Trip-Level Reporting for the Potomac River Fisheries Commission Commercial Fisheries Sector	PRFC	44.68	$ 207,512	$ 820,534	$ 126,723
Pilot Observer Program for Rhode Island State Waters Gillnet Fishery	RI DEM	42.52	$ 126,722	$ 947,256	$ 1
Maintaining the Whelk Research Fleet to Improve Fishery-Dependent Data Collection for Channeled Whelk (Busycotypus canaliculatus) and Knobbed Whelk (Busycon	RI DEM	38.80	$ 92,996	$ 1,040,252	$ (92,996)

Average Ranking of New Projects @ $3.53M

Project Name	Partner	Score	Cost	Cumulative Cost	3.5M Amt Remaining
Development and Integration of National Marine Fisheries Service (NMFS) Highly Migratory Species (HMS) Data Elements into VESL	SC DNR	54.52	$ 112,900	$ 112,900	$ 365,094
Development of Statistical Frames for Dockside Biosampling of the Recreational Headboat and Commercial Fishing Fleets in the South Atlantic	SEFSC	49.84	$ 134,827	$ 247,727	$ 230,267
Massachusetts Oracle Forms Redesign and Modernization: Phase 2	MA DMF	48.04	$ 100,000	$ 347,727	$ 130,267
Improving Catch and Effort Data Collection from Recreational Tilefish Anglers	MAFMC	46.13	$ 109,589	$ 457,316	$ 20,678
The Economic Impact of Rhode Island's Fishing Industry	RI DEM	**39.72**	$ 114,283	$ 571,599	$ (93,606)
Port Sampling for the Maine Atlantic Halibut Fishery	ME DMR	44.92	$ 71,226	$ 642,825	$ (164,832)
A comprehensive verification program for accountable electronic harvest reporting in Maryland's commercial fisheries	MD DNR	43.83	$ 524,940	$ 1,167,765	$ (689,772)
Characterizing Atlantic Cod Discards in the Maine Lobster Fishery for use in Stock Assessment	ME DMR	39.76	$ 72,136	$ 1,239,901	$ (761,908)
Geographic Information System Tracking Enhancement for Potomac River Fisheries Commission Commercial Fisheries	PRFC	38.72	$ 76,541	$ 1,316,442	$ (838,449)

FY2024 Funding Options



Recommendations from Operations and Advisors

- The Operations and Advisory Committees recommend following the combined rankings with the caveats as noted below.
  - Administrative grant: Fully fund the base budget inclusive of Option 2 ($50K). The committees felt Option 1 was important and be offered again next year if alternative funds are not found.
  - Maintenance projects recommendation: Use a portion of the $250K carry-over to fully fund the top six (6) maintenance proposals and to not fund the seventh project (RI whelk) as that species is not in the top quartile of the biological matrix.

Recommendations from Operations and Advisors

- New projects recommendation: Use the new project bank and the remaining portion of the $250K carry-over to fund the top three (3) new proposals:
  - Development and Integration of National Marine Fisheries Service (NMFS) Highly Migratory Species (HMS) Data Elements into VESL
  - Development of Statistical Frames for Dockside Biosampling of the Recreational Headboat and Commercial Fishing Fleets in the South Atlantic
  - Massachusetts Oracle Forms Redesign and Modernization: Phase 2
- The two (2) projects below are seen as valued and the committees recommend that they both be considered for funding. The tilefish project had the next highest ranking and economic project was ranked as highly as possible given the range of the program priorities.
  - Improving Catch and Effort Data Collection from Recreational Tilefish Anglers
  - The Economic Impact of Rhode Island's Fishing Industry

Recommendations from Operations and Advisors

  - The committees recommend that early funding (November) be used for Option 2 of the Administrative Grant ($50,000) and for the new SC DNR project to add HMS fields to VESL ($112,900) as both projects are able to start work on that timeline and would not require moving funds.

- The committees request that the funding subcommittee be convened to review and potentially update the available point ranges of program priorities in the ranking process with consideration of the increased importance of socio-economic data in recent years.

FY2024 Proposal Funding Action:

Address proposals for action as four motions

1. Consider Administrative proposal with Option 2
2. Consider Maintenance proposals
3. Consider New proposals
4. Consider proposals for early start date

SciFish Policy

Our vision is to be the principal source of fisheries-dependent information on the Atlantic coast through the cooperation of all program partners.

SciFish Action:

Consider policies and applications for action.

Motion:

Program Updates

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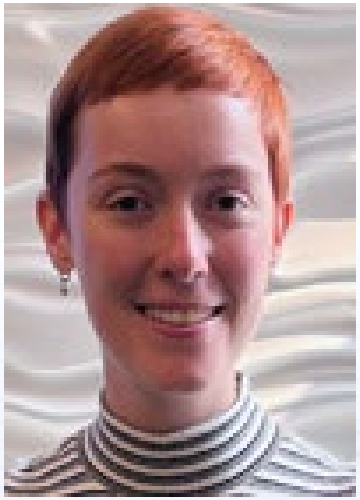
ACCSP Fully Staffed



Skye Thomas joined the data team on July 17. Skye is a Virginia native, and has recently completed her MS degree at UNC Wilmington. Her experience in shellfish, aquaculture, and GIS will be valuable additions to the team.

Software

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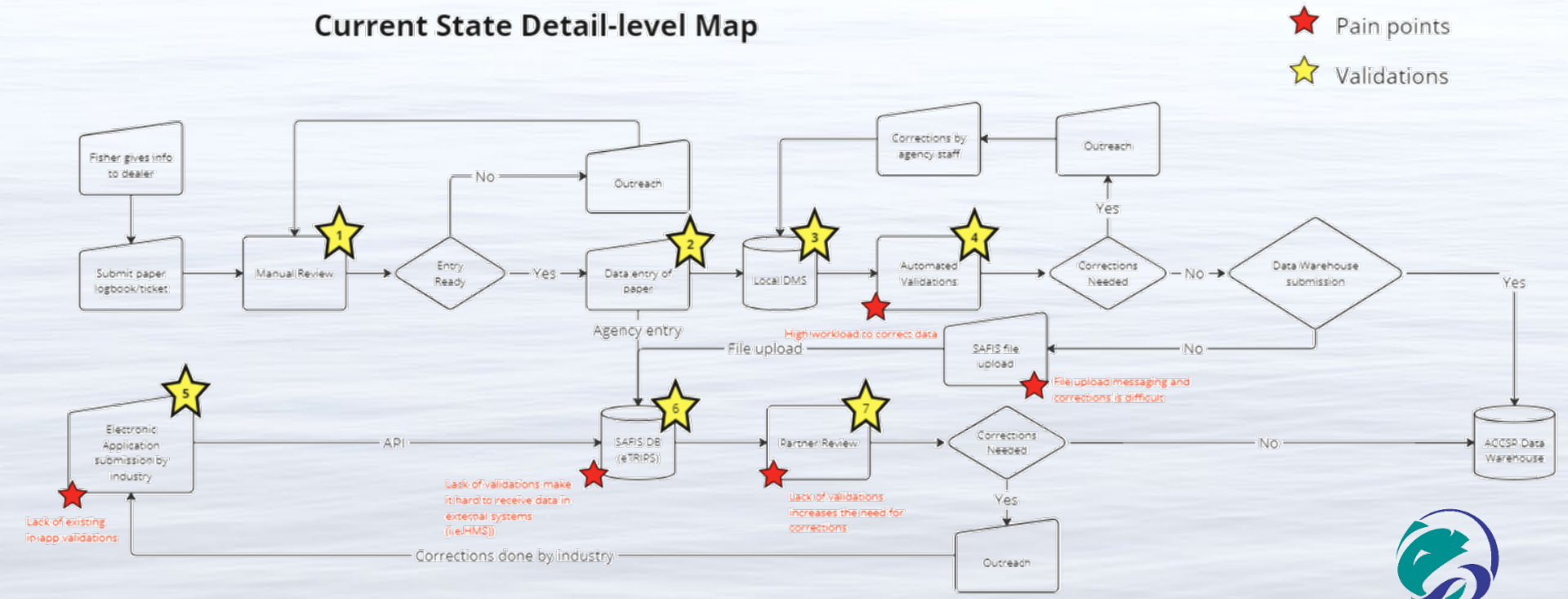
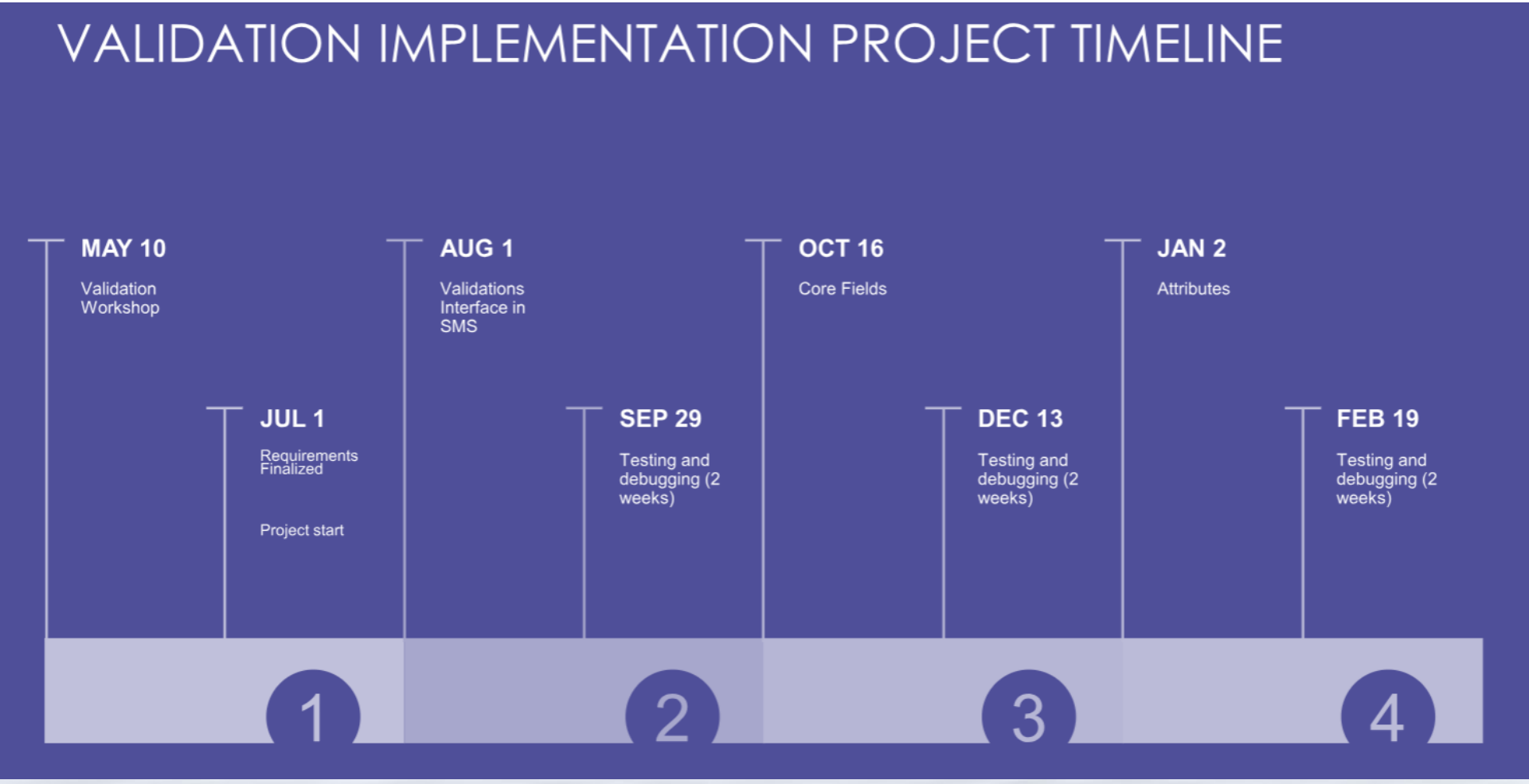
Validation Project

- Workshop in May 2023
- Excellent partner participation
- Developed requirements document



Validation Implementation

- Contractor hired



Software Long-term Project Plan

2022

- Species lists
- Lobster tracking
- 2023 rollout

2023

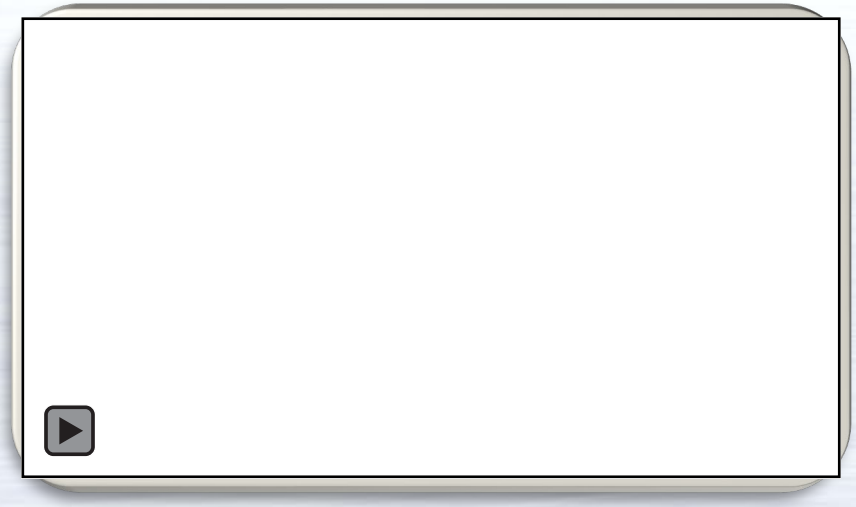
- Registration Tracking
- 2024 rollout

2024

- eDR redesign
- 2025 rollout

Future Planning

- Future projects and prioritization will be discussed at the Spring 2024 Information Systems meeting
- Potential projects
  - Registration tracking implementation (eTRIPS)
  - Expansion of One Stop Reporting
  - Other



ACCSP
Good Data, Good Decisions

Our vision is to be the principal source of fisheries-dependent information on the Atlantic coast through the cooperation of all program partners.

ACCSP
Good Data, Good Decisions

Biological and Bycatch Metadata Inventories

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Biological & Bycatch Metadata Inventories

Spring 2023: Inventories deployed after committee meetings

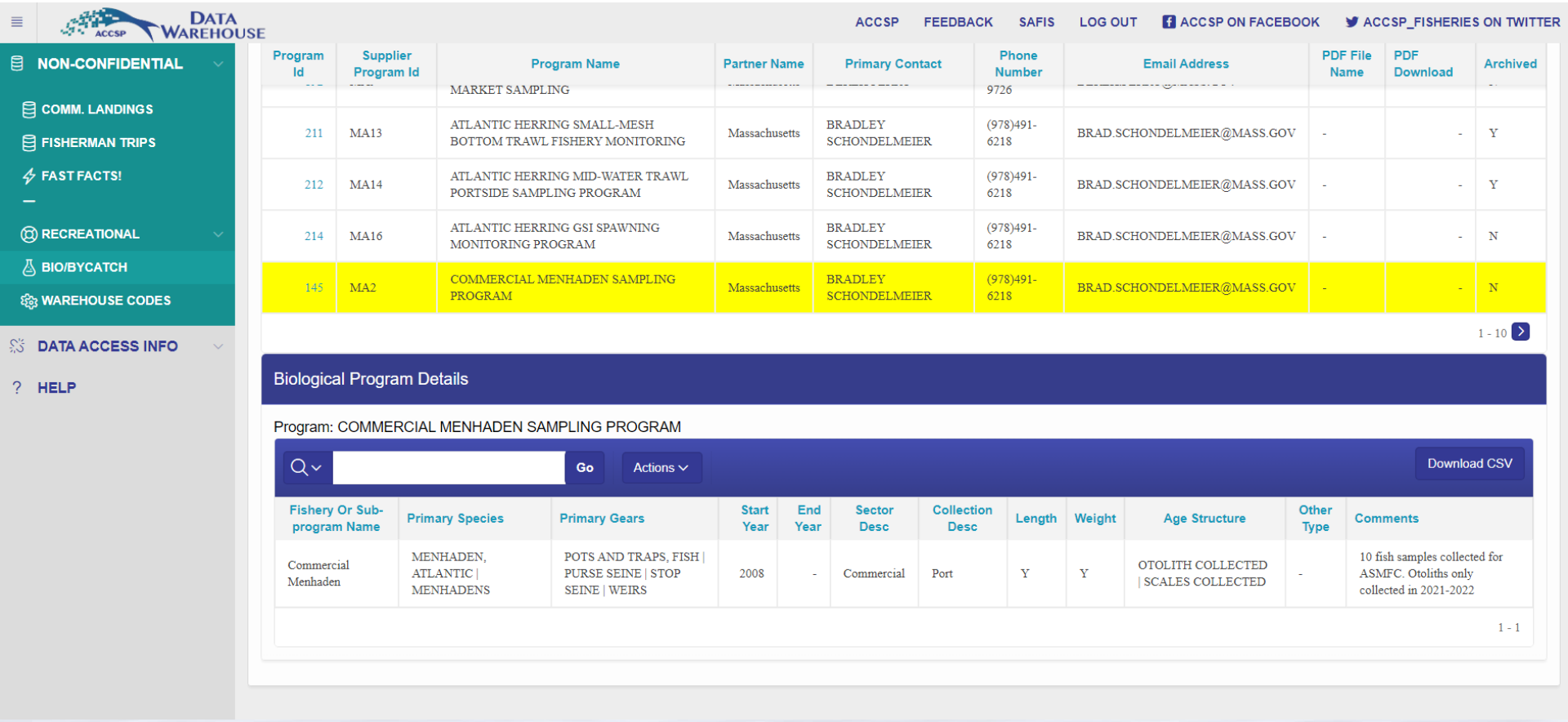
September 2023: Partners have populated 78 programs / 56 species

Today: Inventories live in the Data Warehouse

Biological & Bycatch Metadata Inventories

- Committee members enter metadata about biological sampling and bycatch monitoring programs
- Centralized catalog of programs along the Atlantic coast
- Sampling methodology and primary contact information
- Any public and login Data Warehouse user can download information.
  - Committee members
  - Stock assessment scientists
  - What state or federal programs, if any, capture fishery-dependent biological sampling or bycatch information about species X?

Biological & Bycatch Metadata Inventories



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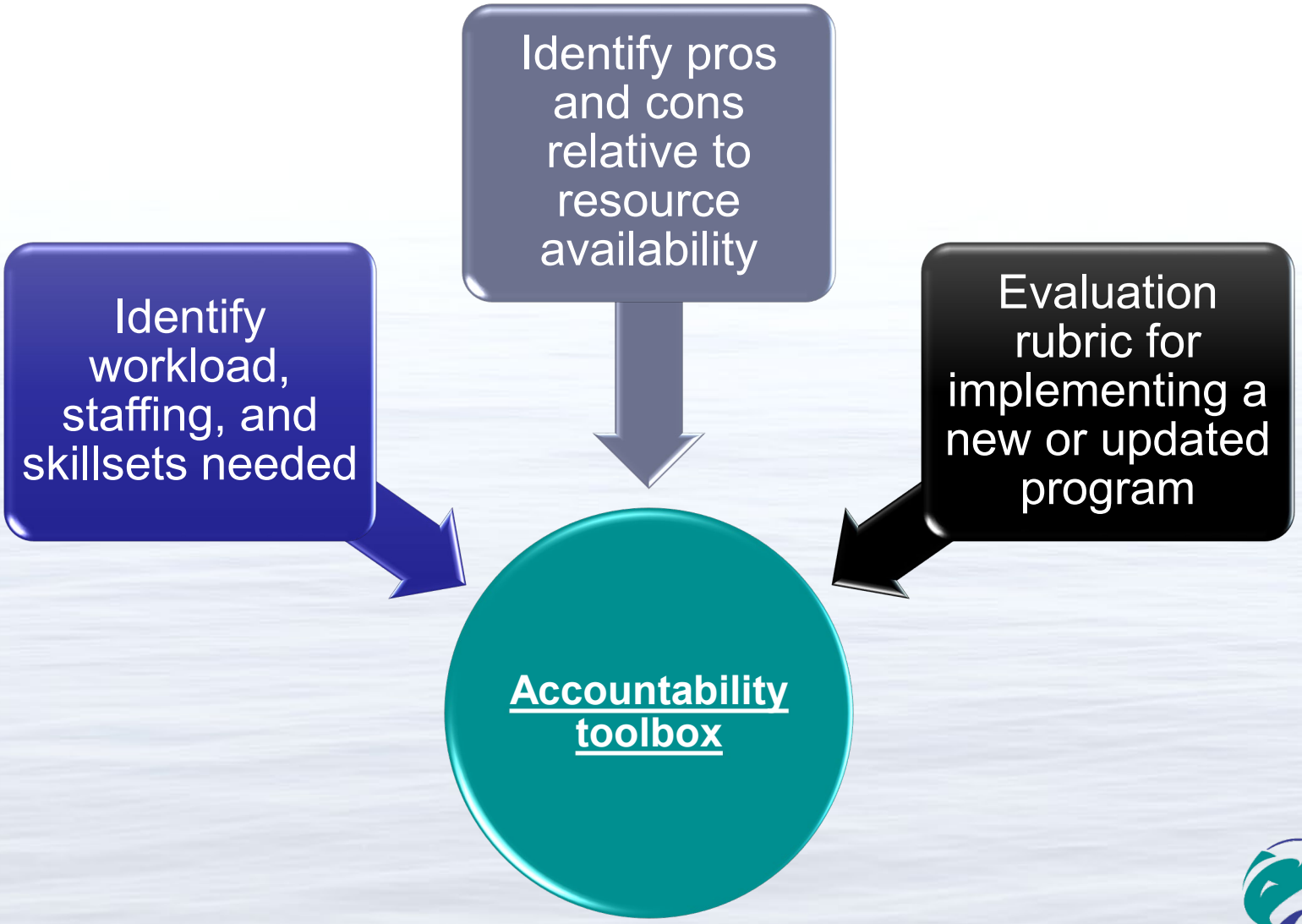
Accountability Workshop

- Recommendation from 2022 Accountability Report: *Best Practices Workshop*
  - *compare data collection programs, audits, and trips versus dealer reports*
  - *share methods and ideas in order to de-silo our independent efforts at improving data quality and accountability*
- Workshop (ACCSP funds)
  - February 12-16, 2024
  - Charleston, SC

Accountability Workshop: Goals



Advisors Elections

Congratulations:

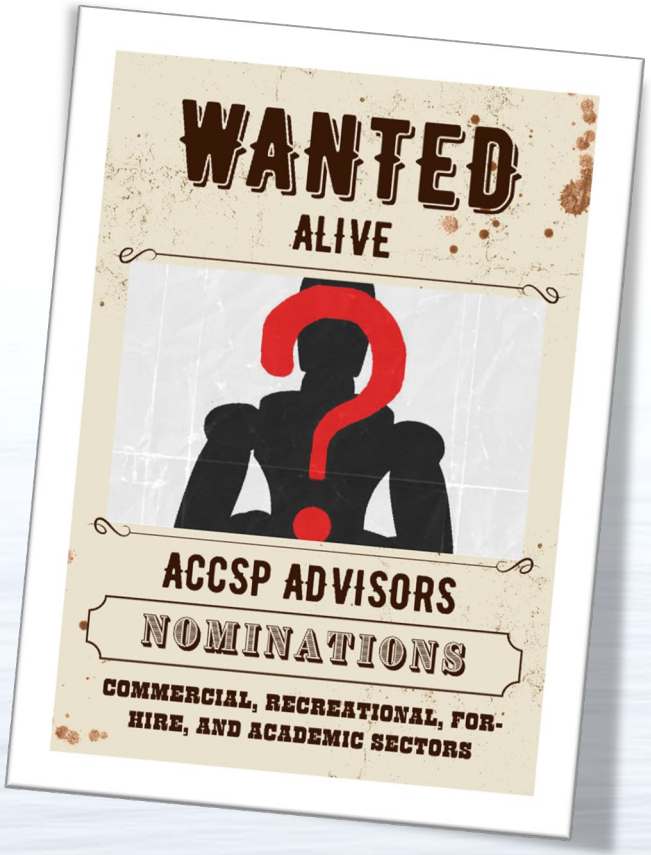
Dee Lupton (NC) – Chair

Fran Karp (RI) – Vice-Chair

Thank you, Ellen Goethel for your commitment and energy!

Solicitation of New Advisors

STEVEN ANDERSON	RI-COM
KEVIN BOSWELL	FL
ELLEN GOETHEL	NH-COM
FRANCINE KARP	RI-REC
DEE LUPTON	NC
JERRY MORGAN	CT-REC



Note upcoming meetings:

MRIP FES session 10:45am

and

Action Plan Review

during Business Session

10:15am Wednesday, October 18

Adjourn

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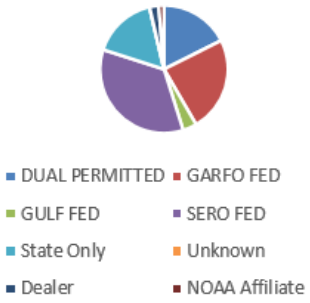
EXTRA SLIDES

SAFIS Helpdesk Statistics

SAFIS Help Desk 2023 Summary exported 10/12/2023

User Status

User Status	Count of Requests	% of 2023
DUAL PERMITTED	224	17.60%
GARFO FED	306	24.04%
GULF FED	45	3.53%
SERO FED	443	34.80%
State Only	208	16.34%
Unknown	1	0.08%
Dealer	29	2.28%
NOAA Affiliate	17	1.34%



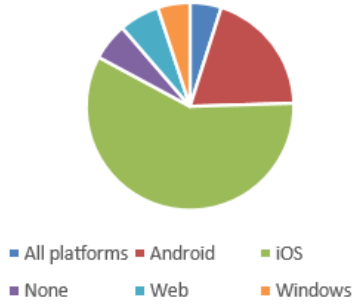
Monthly Breakdown

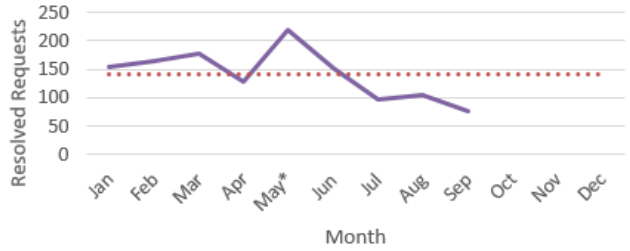
Month	Resolved Requests	% of 2023
Jan	153	12.06%
Feb	164	12.92%
Mar	177	13.95%
Apr	127	10.01%
May*	219	17.26%
Jun	151	11.90%
Jul	96	7.57%
Aug	105	8.27%
Sep	77	6.07%
Oct		0.00%
Nov		0.00%
Dec		0.00%

**Tickets created by issue rather than call*

Operating System

Operating System	Count of Requests	% of 2023
All platforms	62	4.87%
Android	250	19.65%
iOS	742	58.33%
None	74	5.82%
Web	80	6.29%
Windows	64	5.03%





Average 141

Application Breakdown

SAFIS Application	Count of Requests	% of 2023
eDR	27	2.14%
eTRIPS 2	1171	92.64%
eTRIPS online	46	3.64%
Other	19	1.50%
Unknown	1	0.08%

How was call received?

Call Received	Count of Requests	% of 2023
Direct call/text to cell	179	14.06%
Email	56	4.40%
Help desk phone	1030	80.91%
Unknown	8	0.63%

SciFish Policies & Procedures

ACCSP Coordinating Council

October 2023

SciFish

FISHERMEN DRIVEN DATA COLLECTION

CITIZEN SCIENCE POWERED BY ACCSP

Thanks to the SciFish Organizing Committee for all of their hard work and dedication to this project!

- SAFMC: Julia Byrd, Meg Withers, Chip Collier, Nick Smillie, Allie Iberle
- NCDMF: Brandi Salmon, Jeff Moore, Ami Staples, Andrew Valmassoi, Steph McInerny, Drew Cathey
- ACCSP: Julie Simpson, Jamal Oudiden
- GADNR: Kathy Knowlton
- RIDMF: Mike Bucko
- NOAA: Lauren Dolinger-Few
- Harbor Light: Fran Karp & Bill Spain

SciFish - Introduction

Citizen science is a potentially powerful tool to better understand marine fish populations

Growing interest in using citizen science to supplement marine fisheries data collection

Development of SciFish, citizen science mobile application and project builder, to support capture and sharing of information about fish along the Atlantic coast

SciFish Long Term Goal

Develop for ACCSP partners:

- **citizen science mobile application** and
- **menu-driven project builder interface** to
- **easily create a customizable application** by selecting specific data fields
- **without need to develop stand-alone applications** for each new project or data need

SciFish Development Drivers

Reduce costs needed to develop individual applications

Reduce time to create applications from ground up

Increase consistency in data fields and structure

SciFish Vision

To create a citizen science mobile application that encourages and supports the capture and sharing of data on Atlantic coast fisheries.

SciFish Mission

- Standardize collection of citizen science data from Atlantic coast fisheries
- Provide a single platform for multiple data collection projects
- Provide a flexible project builder and create new data collection projects with minimal resources
- Provide access to data that supports fisheries stock assessment and management

Additions since August

- SAP will bring in consulting expertise as needed
- Language on account creation
- Privacy policy link

SciFish Administration & Oversight

Administration through ACCSP

Primary oversight by: SciFish Advisory Panel (SAP)

SciFish Advisory Panel

Draft and recommend SciFish policy updates

Oversee and implement SciFish application process

Coordinate and review SciFish project updates

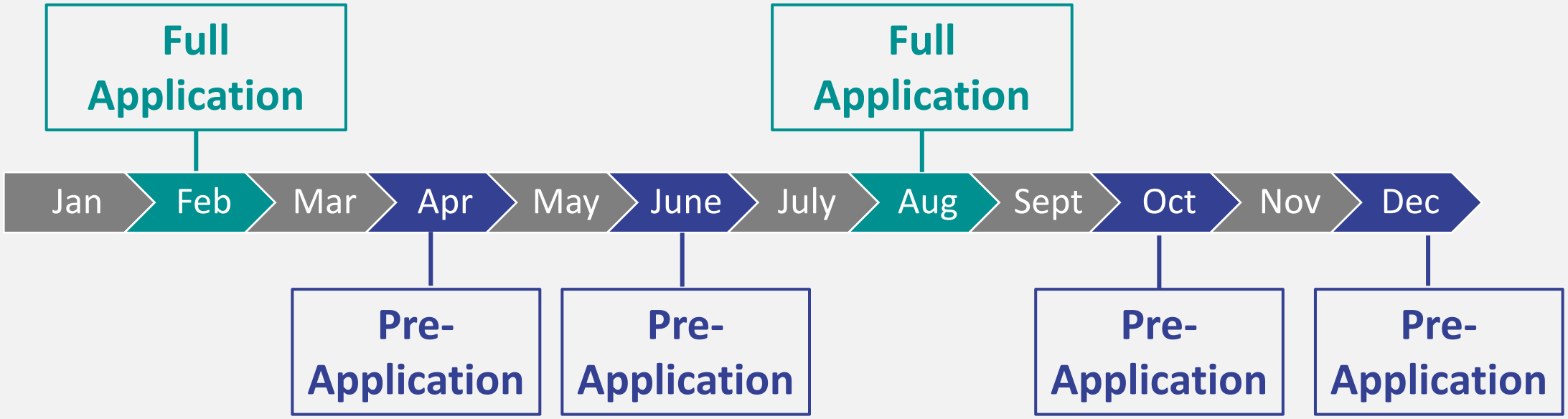
SciFish Project Development

Approach

- Focus on data collection for marine and/or diadromous fisheries along the Atlantic coast
- Fill data gaps or data deficiencies and address identified research needs
- Use intentional design and clearly articulate how collected data will be used in management and/or stock assessments
- Encourage scientist and fishermen collaboration

SciFish Project Development

*Multi-step Application Process**



*Projects must have ACCSP partner as PI or be sponsored by an ACCSP partner

SciFish Application Topics

Full Application Only

- COLLABORATORS
- GOALS
- RESEARCH QUESTIONS OR DATA GAPS
- METHODS
- DATA FIELDS
- ANTICIPATED OUTCOME
- TIMELINE
- BUDGET
- DATA USE
- DATA MANAGEMENT PLAN
- VOLUNTEER TRAINING PLAN
- COMMUNICATION PLAN
- EVALUATION
- RISK

SciFish Application Review Criteria

Pre-Application

- INCLUDES ALL REQUIRED SECTIONS
- ADDRESSES HOW DATA WILL BE USED IN ASSESSMENT AND/OR MANAGEMENT
- PROJECT IS A GOOD FIT FOR CITIZEN SCIENCE

Full Application

- Addresses data gap for assessment and/or management
- Anticipated data use & outcomes of value to partners/industry
- TECHNICAL MERIT/METHODOLOGY
- DATA MANAGEMENT PLAN
- VOLUNTEER QUALIFICATIONS & TRAINING
- PARTICIPANT ENGAGEMENT
- EVALUATION METRICS

SciFish: Account Creation

Option 1: currently in place

- PI's create SciFish project accounts for users
- SAFIS Account – SciFish access

Option 2

- Users create SciFish project accounts
- 'Auto-approval' Non-SAFIS account – SciFish access

Option 3

- Combination: PI chooses option 1 or 2
- Requires more ACCSP resources to create

SciFish: Additional Policy Topics

- Hardware Requirements
- Data Access
- Privacy & Confidentiality
- Current Fields
- Project Builder
- Resources
- Transparency
- Security
- Branding

SciFish: Key Takeaways

- Project PIs must be partner or sponsored by partner
- Focus on supporting citizen science projects
- Projects initially limited to current data fields in project builder
- Project development doesn’t require funding, but uses ACCSP resources
- Creation of SciFish Advisory Panel
- Account creation currently done through SAFIS

SciFish Policy: Approval

ACCSP Coordinating Council:

Initial Review & Feedback

Aug 2023

ACCSP Operations & Advisory Committees:

Review & Feedback

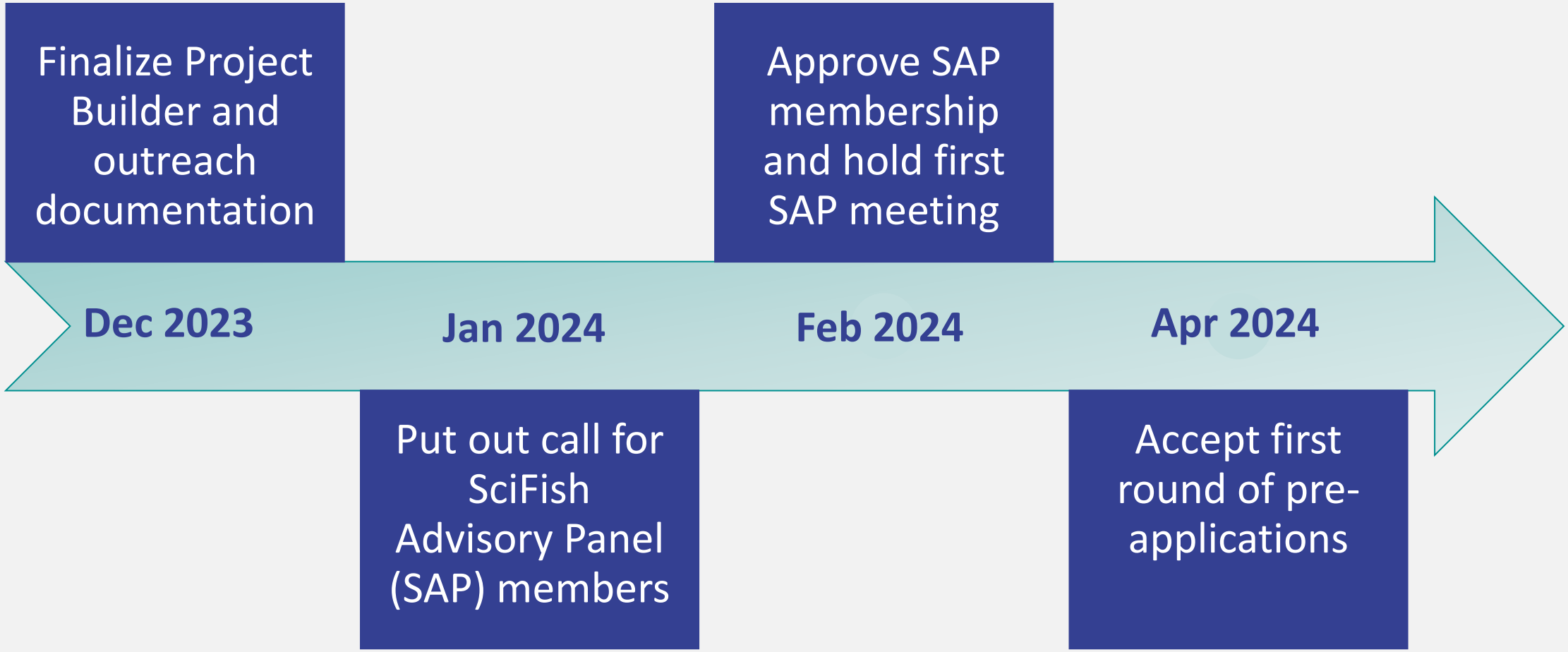
Sept 2023

ACCSP Coordinating Council:

Consider for Action

Oct 2023

SciFish: Rollout



Open Discussion

Consider for approval