



NOAA
FISHERIES

East Coast Logbook Project

A collaborative project

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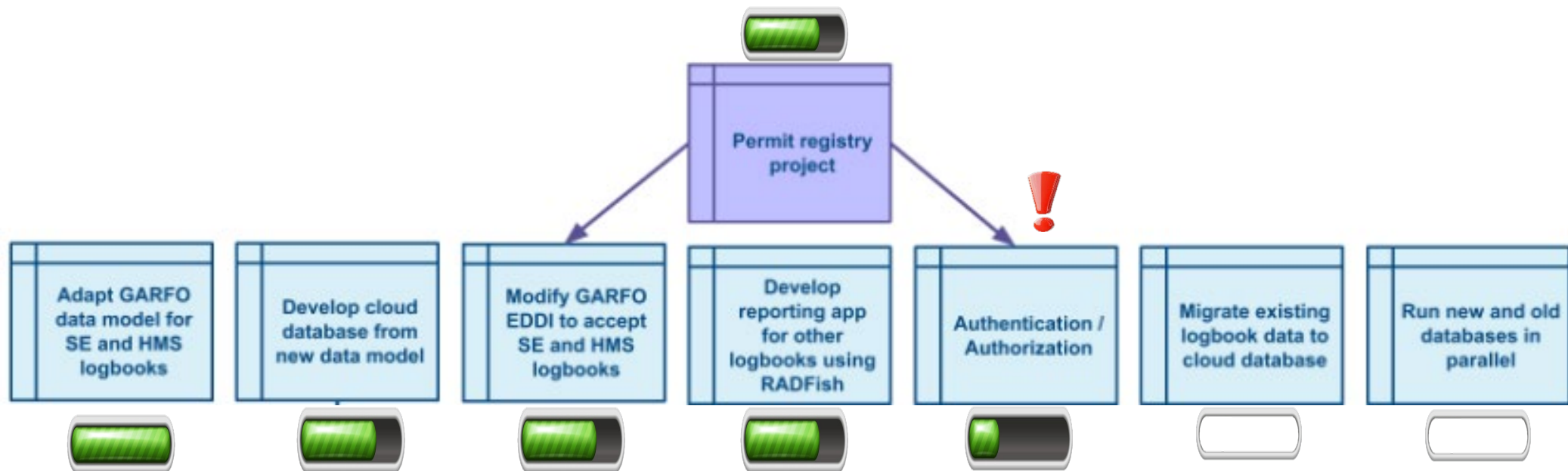


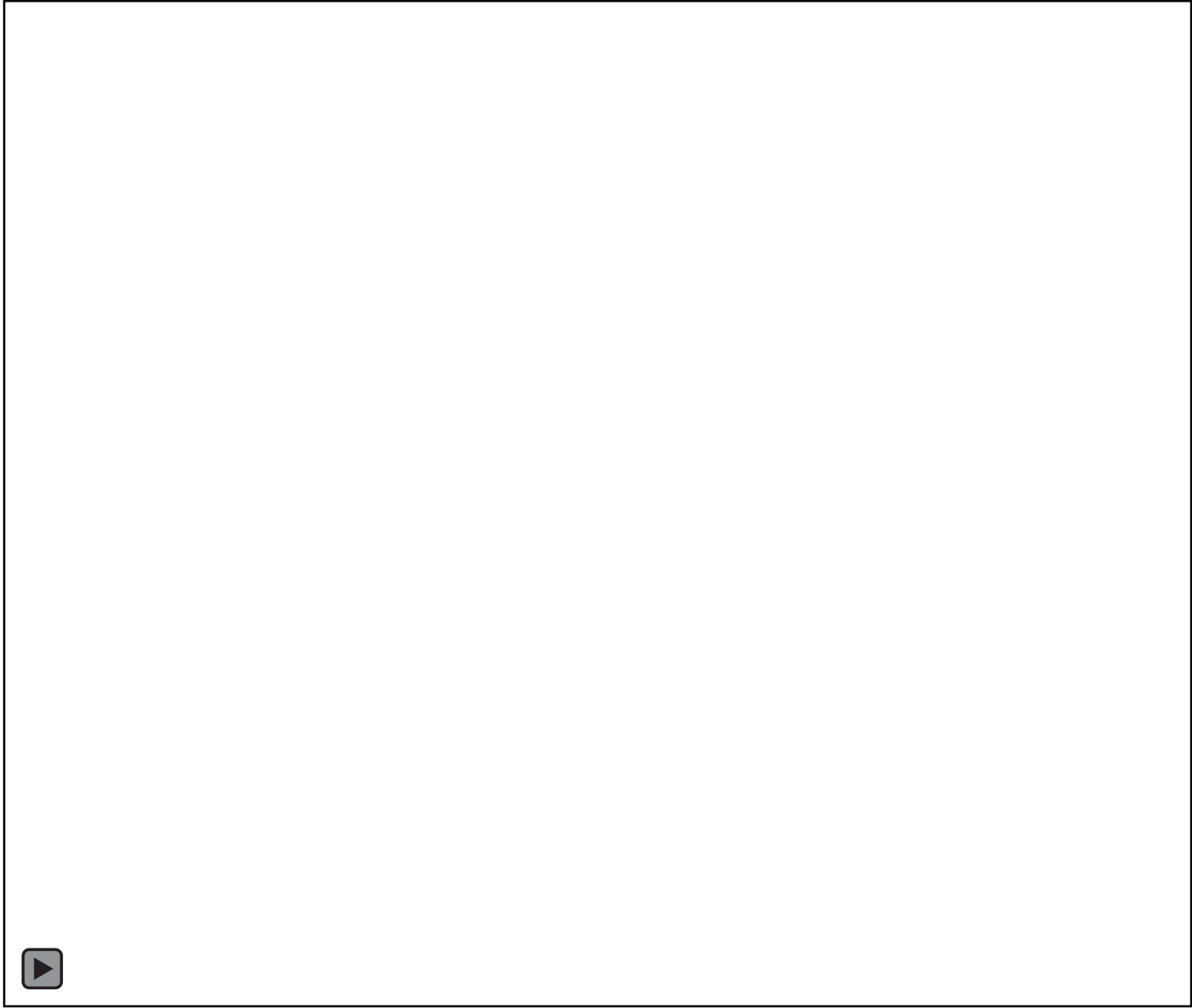
East Coast Logbook System Vision

- Eliminate silo database systems along the East Coast region through the creation of a shared, cloud-hosted database and reporting application
- Includes the following reporting programs:
 - GARFO Vessel Trip Reports (VTR)
 - SE Commercial Fisheries Logbook
 - Atlantic HMS Pelagic Logbook
 - Southeast Regional Headboat Survey
 - SEFHIER program
- Reduce duplicative reporting to federal regions, reduce costs, share resources, and align data collection programs.

Current State

- GARFO supplied key technical staff to support this project
- System will include both trip reports and “no fishing reports”
- 85% of the application is completed
- Database is not ready yet to receive reports





Challenges and Scope Change

- Funding delays
 - Reduced actual project time from 3 to 1.5 years.
- Staffing losses
 - Federal staff lost due to government reductions
- Furlough impacts
 - Contractors: delayed security clearances and onboarding
 - Federal: Requirements gathering delayed due to furlough
- EO M-22-09 (Zero trust) Mandate for multi-factor authentication (MFA)
 - Original authentication method no longer viable
 - NMFS must move to MFA, as original method was not as secure
 - This mandate resulted in scope change

Potential Scope Change

- Reduced programs to SE Coastal logbook, GARFO's eVTRs, and HMS Pelagic logbook (excludes weigh out slips)
- Add increased functionality for data edits, data views, and database
 - Will make adding future programs easier
- Formalize data governance for the system
- Increase authentication scope
 - Agency required to move from single-factor to multi-factor authentication (MFA)
 - Authentication: is proving you are who you say you are
 - Authorization: what you can do
 - Authentication required for authorization
 - Single-factor is simple (password or PIN), while MFA requires something you KNOW, HAVE, and ARE (this includes biometrics)



Future Vision

- Electronic reporting requirements are standardized across fishery programs to reduce data collection gaps, uncertainty, and allow for cross-region submissions.
- Currently, the varied reporting requirements hinder one-stop reporting
 - E.g., Level of reporting: Gear, set, or trip
 - E.g., Depth – fishing depth, average depth, bottom depth
- The East Coast Logbook system structure will need to be considered for existing and future logbook reporting programs to allow for one-stop reporting.

Questions?

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