



**NOAA
FISHERIES**

LPS Redesign (Schedule of Next Steps)

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Motivation for Redesign

No. 1 priority

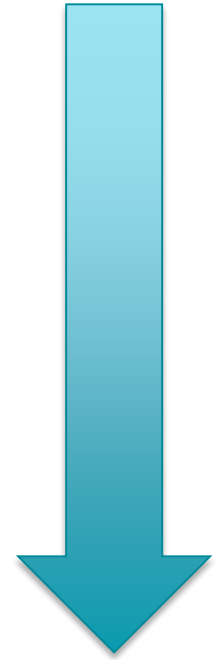
**in 2017 Atlantic HMS MRIP
Implementation Plan!**

Major Reasons for Redesign

- Criticisms from NRC review (2006)
 - Departures from probability-based sampling
 - Mismatches between survey design and estimation
 - Potential for bias from untested assumptions

Redesign Schedule - Outline

- Phase I - New LPS Design Development
- Phase II - Field Testing
- Phase III - MRIP Certification & Calibration
- Phase IV - Full Implementation



2018 ~ 2024: 7 Years!

Phase I

(2018 – 2020: 3 yrs)

1. Project Team Setup

- NMFS OST, HMS, Science Center, & External Consultants

2. Baseline Assessments of Current Design

- Data Analyses & Simulations

3. Develop & Propose New Survey Design(s)

Phase II

(2020 – 2022: 3 yrs)

Field Tests of New Design(s)

1. Small scale field test - 1 state
 2. Large scale field test - all LPS states
- ❖ *Side-by-side sampling with new and current designs → benchmarking data for calibration*

Phase III

(2021 – 2023: 3 yrs)

1. Finalize New LPS design
2. MRIP Certification
3. Develop Calibration Method for Historical Estimates
 - *based on side-by-side sampling data from Phase II*

Phase IV

(2024)

1. Full Implementation of New LPS design
2. Completion of Calibration of Historical LPS Estimates

Timeline Table



	Main Tasks	18	19	20	21	22	23	24
Phase I	Baseline Assessments & New Design Development							
Phase II	Field Tests (small & large scale)							
Phase III	MRIP Certification & Calibration Development							
Phase IV	Full implementation & Calibration Completion							

** Note the time overlaps between the phases*

Factors for Potential Delays

- Budget availability in time?
- Need for additional design work depending on results?
- Need for additional benchmarking field sampling?
- Delays in MRIP certification process?
- Desires for extending new survey to non-LPS states?

A black fishing hook is suspended in clear water, with a thin line attached to its top. The hook is curved downwards and has several small bubbles clinging to its surface. The background is a light, slightly blurred water surface with many more bubbles of various sizes. The word "Questions?" is written in a large, stylized, blue font with a yellow outline, positioned across the middle of the image.

Questions?



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