The Future: PIR Insular Fishery-Independent Data Enterprise

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Presentation Topics

- Issues and Needs
- Historical Perspective at PIFSC
- Future Plans
- Bottlenecks

Issues and Needs

- PIFSC Insular Assessments Based on Fishery-Dependent Data – potentially biased
- No Population-level Monitoring and Usual Survey Gears not Applicable
- No Single Fishing Method – "standardized" abundance time series may be misleading

Need an Unbiased Data Collection Program to Support Assessments ***- Fishery Independent Data Collection Program (Survey)***

Rational and Need

Major objective F-I surveys

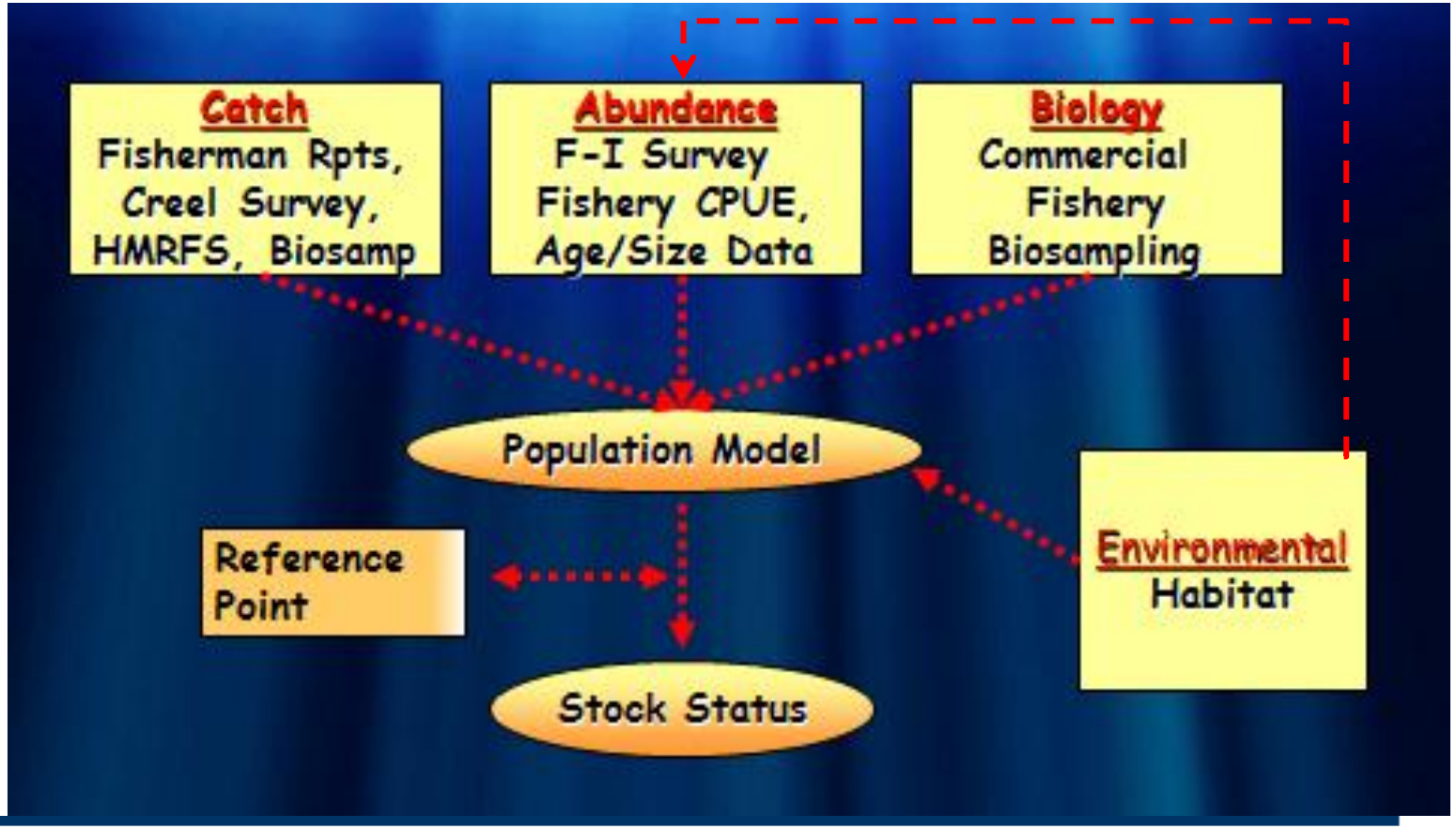
- To monitor spatiotemporal changes in the relative or absolute abundance of a target fish population or a particular component of that population (e.g., larvae, juvenile, spawning adults) in a manner that is not subject to the biases inherent in commercial or recreational fishery data.

History of F-I Data Programs at PIFSC

- Tripartite Cooperative Agreement (late 1970s- early 1980s): NMFS-U.S. FWS-HDAR
  - Fishery resource assessment (exploratory)
- SE Hancock Seamount Survey (1985-1993)
  - population monitoring
- NWHI Lobster Trap Survey (1986-2009)
  - population monitoring (limited spatially)
- NWHI Cooperative Lobster Tagging Cruise (2002-2008)
- Bottomfish Cooperative Research (2009 – present)

Future Plans

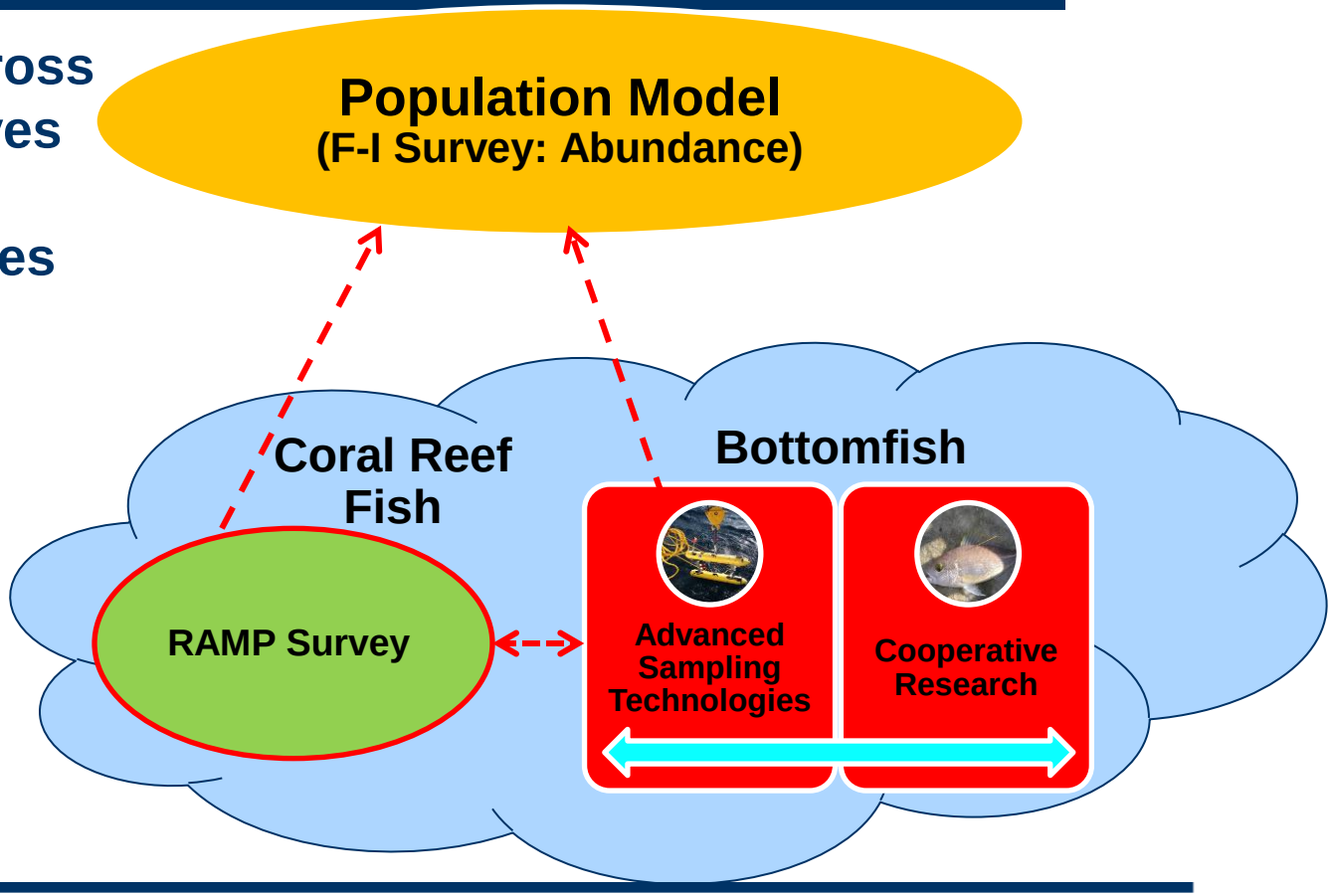
Transitioning with F-I Survey Data



Future Stock Assessment Framework

Integrated across NMFS Initiatives

- AST
- Coop Res
- HAIP
- SAIP



Bottlenecks

- Staffing – No Dedicated Survey Group
- No Money to go Operational
  - Base funds
  - Cooperative Research

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