

Stock Status Determination Criteria

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Stock Status Assessment

- I. Status determination
- II. Proposed Fishery Specifications

Stock Status Assessment

I. Status determination Criteria

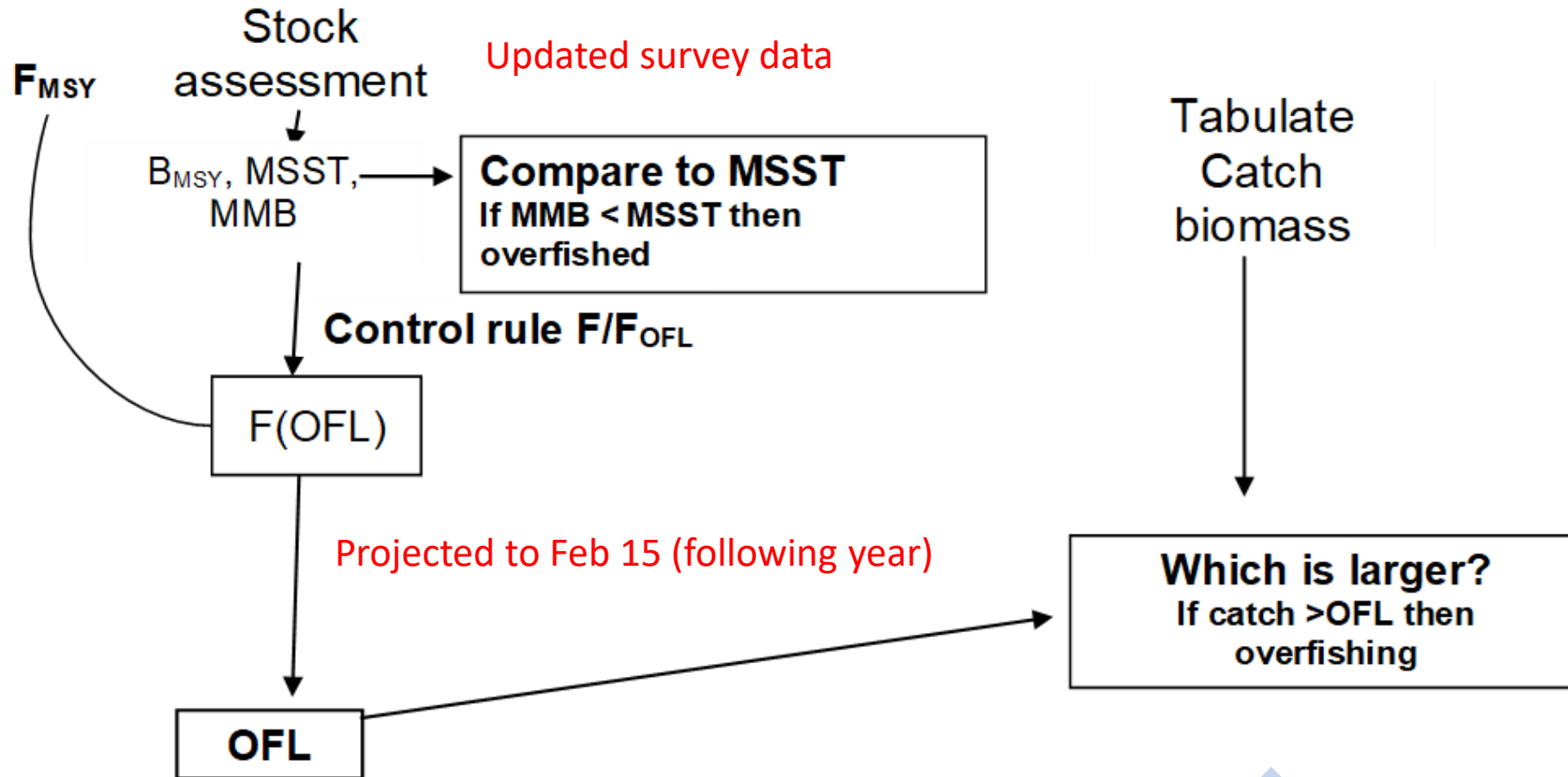
- I. “The NMFS will determine whether a stock is in an overfished condition by comparing annual biomass estimates to the established MSST. For stocks where MSST (or proxies) are defined, if the biomass drops below the MSST (or proxy thereof) then the stock is considered to be overfished”.
- II. “For crab stocks, biomass for determining overfished status is **estimated on February 15 of the completed fishing year** and compared to the MSST from the most recent accepted assessment.”

Stock Status Assessment

- Proposed Fishery Specifications
 - Establish the OFL and ABC for the following fishing year (i.e. 2023)
 - “The OFL and ABC for each stock are estimated for **the upcoming crab fishing year** using the five-tier system”
 - “First, the assessment author prepares the stock assessment and calculates the proposed OFLs by applying the F_{OFL} and using the most recent abundance estimates. The assessment authors calculate the proposed ABCs by applying the ABC control rule to the proposed OFL”

Fall 2007:
Determine OFL, MSST, stock status, and TACs for 2007/08 fisheries (using 2007 survey data)

Fall 2008:
Determine if overfishing occurred for the 2007/2008 crab fishing year.



Stock Assessment

- **Status Determination: Based on historical data (Ex: 2022)**
- **Fishery Specifications: Based on projected data (Ex: 2023)**

FOFL - Control Rule

