

## INTERSTATE FISHERIES MANAGEMENT PROGRAM OVERVIEW

### *Spot*

#### **Species Range**

Gulf of Maine through Florida, although they are most abundant from Chesapeake Bay to South Carolina

#### **Management Unit**

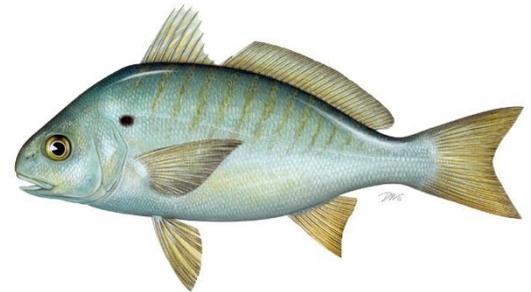
Delaware through Florida

#### **Stock Status**

In August 2017, the Commission's South Atlantic State/Federal Fisheries Management Board received the findings of the 2017 Spot Benchmark Stock Assessment and Peer Review Report and agreed with the general results of the assessment that immediate management actions are not necessary. The Panel recommended continued use of the annual traffic light analysis (TLA), established in 2014 to monitor fishery and resource trends, and implementation of management measures as needed, for spot.

A key issue causing uncertainty in the results of the assessment was the disagreement between recent trends in harvest and abundance. Trends in stock abundance for spot are estimated through several federal and state fishery-independent surveys. Typically, if these surveys catch a relatively large number of spot, that would indicate a greater number of spot available to be harvested by their directed fisheries. Thus, scientists and managers would expect a greater abundance of spot would also be reflected through an increase in harvest for that year. Similarly, a decrease in abundance would be expected to be coupled with a decrease in harvest. However, for spot, recent harvest numbers are declining while estimated abundance is increasing.

In 2020, the annual TLA indicated that spot harvest and adult abundance composite metrics exceeded thresholds outlined in Addendum III. Management response was triggered at the 30% level, or a moderate level response. Non *de minimis* states are required to implement a 50 fish bag limit for recreational fisheries, and reduce commercial harvest by 1% of the state's 10 year average. In 2020, the TLA for the 2019 fishing year indicated that both species triggered at the 30% red threshold. State implementation plans for management measures were approved in early 2021 and all new management measures were enacted by the end of 2021. The measures must be in place for at least two years for spot (2021-2022) before management can be reevaluated. Therefore, spot management was due to be reevaluated in 2022 for any potential changes in management in 2023.



However, in 2022, due to missing data, updated adult abundance composite indices for the Mid-Atlantic and South Atlantic for spot could not be calculated and are undetermined. Due the missing fishery independent survey data and the lack of concerning trends in the data that were available, the Spot TC recommended that any determination on the spot TLA should wait until 2023 when there is expected to be complete data from all surveys again.

### **Involved States and Jurisdictions**

DE, MD, PRFC, VA, NC, SC, GA, FL, NMFS, USFWS

### **Active Boards/Committees**

Sciaenid Management Board, Spot Plan Review Team, Spot Technical Committee, South Atlantic Species Advisory Panel

### **Chairs**

Board, Chair – Chris Batsavage (02/2022); Vice-Chair – Doug Haymans  
Technical Committee – Harry Rickabaugh (09/2020); Vice Chair – Vacant  
Advisory Panel, Chair – Craig Freeman (11/2019)

### **Staff Lead**

Tracey Bauer, [tbauer@asmfc.org](mailto:tbauer@asmfc.org)

### **Management Plan History**

#### **[Fishery Management Plan for Spot \(October 1987\)](#)**

The Interstate Fishery Management Plan (FMP) for Spot is adopted. The major problem addressed is the lack of biological and fisheries data necessary for effective management of the resource. The plan also recommends the use of bycatch reduction devices and the limitation of catch of fish less than 1 year to increase yield per recruit.

Early 1990s – Management Board reviews the FMP and recommends an amendment to define a management program capable of achieving the goals of the FMP.

#### **[Omnibus Amendment to the Interstate Fishery Management Plans for Spanish Mackerel, Spot, and Spotted Seatrout \(August 2011\)](#)**

The Omnibus Amendment updates the Spot FMP with the requirements of the Atlantic Coastal Fisheries Cooperative Management Act of 1993 and the Interstate Fishery Management Program Charter, initially passed in 1995. The amendment adds *de minimis* criteria, compliance reporting, and adaptive management measures. The amendment also includes the Management Triggers, developed by the PRT, to annually monitor the stock status of spot until a coastwide stock assessment can be completed.

#### **[Addendum II \(August 2014\)](#)**

The Addendum establishes a new management framework (i.e., Traffic Light Approach) to evaluate fisheries trends and develop state-specified management actions (i.e., bag limits, size

restrictions, time & area closures, and gear restrictions) when harvest and abundance thresholds are exceeded over two years. Management measures would remain in place for two years.

### [Addendum III \(February 2020\)](#)

Addendum III adjusted the TLA to incorporate additional fishery-independent indices, age information, use of regional characteristics, and changes to the management triggering mechanism. Management triggers and responses include bag limits for the recreational fishery and percentage harvest reductions from a 10 year average for the commercial fishery. The response is defined by which percentage threshold (30% or 60%) that was exceeded in any of the 2 out of 3 terminal years.

### **Annual Events**

- Spot compliance reports are due November 1<sup>st</sup> with a reminder distributed 90 days prior.
- The Plan Review Team produces an annual Spot FMP Review. The Plan Review Team, beginning in 2012, also performs the annual trigger exercise.
- The Advisory Panel receives an update after each Board meeting, and should meet at least once per year.
- In July of all non-assessment years, the Plan Review Team evaluates the fishery using the Traffic Light Approach and management framework to evaluate whether management action should be taken.