

SEDAR 49 Data Webinar
April 12, 2016 from 1:00 PM to 2:30 PM
Summary Report

The webinar began at 1:00 pm eastern time. The purpose of the webinar is to review data collection progress, and to finalize tasks to be completed ahead of the workshop in New Orleans.

SEDAR 49 is a data-limited approach which will assess lane snapper, wenchman, snowy grouper, speckled hind, yellowmouth grouper, lesser amberjack, Almaco jack, and red drum. The assessment will use the data-limited toolkit, which has seen extensive use in the Caribbean and elsewhere. Some methods are catch-only, while others can use more data sources to inform benchmarks of stock status. Several steps will need to be performed in this process:

- Management Strategy Evaluation
 - Develop a model incorporating life history and fleet characteristics
 - Parameters to control the quality of simulated data
 - Working groups to determine data to be included
- Calculate total allowable catch using data and methods meeting performance criteria
 - Explore sensitivities of TAC estimates to varying input assumptions
 - Working groups will develop best estimates and CVs for model parameters
 - Developed from each index

Life History

Most data found pertain to lane snapper, red drum, and snowy grouper, less for speckled hind and yellowmouth grouper, and very little for the remaining species. Very little data exist with respect to the length at maturity for any of the species. Some “borrowing” from similar species may be necessary to fill data gaps, especially with the jacks.

A pre-workshop conference call will be organized for the Life History working group to get prepared for the workshop.

Indices of Abundance

Lane Snapper:

- SEAMAP Groundfish
- Reef Fish video?
- FWRI Video
- Panama City Video
- Commercial HL
- SRHS
- MRFSS?
- Shrimp Bycatch

Red Drum

- MRFSS?

Snowy Grouper

- Reef Fish Video
- Commercial HL
- Commercial LL
- SRHS
- MRFSS?

Speckled Hind

- Reef Fish Video
- Commercial LL
- MRFSS?

Wenchman

- SEAMAP Ground
- Reef Fish Video
- Shrimp Bycatch
- MRFSS

Yellowmouth Grouper

- Reef Fish Video
- Commercial HL
- Commercial LL
- MRFSS?

Almaco

- Reef Fish Video
- FWRI Video
- Panama City Video
- Commercial HL
- MRFSS?

Lesser Amberjack

- Reef Fish Video
- MRFSS?

Some additional indices may exist for red drum; however, they are largely inshore-based indices, which may not be representative of the offshore red drum population. This will be discussed further at the workshop.

Commercial Data

Almaco jack, lane snapper, snowy grouper, and speckled hind occur regularly in commercial logbooks. Yellowmouth grouper are often misidentified as scamp, which may be why yellowmouth only briefly appear in commercial logbooks. Red drum, wenchman, and lesser amberjack do not appear in commercial logbooks between 1990 and 2014. A start year for the commercial landings time series will need to be determined (by species?).

Shrimp Bycatch Fishery

Some data exist for wenchman and lane snapper, and fewer exist for red drum. These data may be negligible for species other than wenchman and lane snapper.

Gulf Menhaden Reduction Fishery

Landings data for red drum are very limited, resulting in little quantitative information. Estimates from 1960-1982 estimate total bycatch (including red drum) within this fishery at 2.35% to 2.8%. Of red drum discarded, many were reported released dead or discarded; however, these data are spotty and not necessarily quantitative.

Recreational Data

Landings are still being assessed from the MRFSS/MRIP database. Discards appear low for most species except lane snapper and red drum. Overall mortality rate for discarded red drum is approximately 5-8%, and is sensitive to water temperature.

Length Composition Data

Data are available for lane snapper and red drum, but to a much lesser degree for other species. Some studies exist to inform estimates, but data from similar species may prove necessary to consider.

Age Composition Data

Data are available for snowy grouper and red drum, but to a much lesser degree for other species. Some studies exist to inform estimates, but data from similar species may prove necessary to consider.

Data are due to the analytical team by April 15th, 2016
Working papers are due to SEDAR by April 18th, 2016
The Data/Assessment Workshop will be in New Orleans from May 2-6, 2016
A follow-up webinar will be held the week of June 6th, 2016

Participants:

Julie Neer	Ryan Rindone	Michael Larkin	Adyan Rios
Beth Wrege	Bob Gill	Ching-Ping Chih	Crystal Hightower
David Gloeckner	David Hanisko	Emily Satterfield	Jay Gardner
Jim Tolan	Jeff Isely	Jennifer Herbig	Kelly Fitzpatrick
Ken Brennan	Kevin McCarthy	Linda Lombardi	Mary Christman
Matthew Campbell	Matthew Smith	Savannah Michaelson	Shannon Calay
Vivian Matter	Skyler Sagarese	Elizabeth Scott-Denton	Refik Orhun
Nancie Cummings			