

Red Drum Technical Committee

October 26, 2007, Conference Call

Meeting Report

Participants

Russ Allen (NJ DFW)	Lee Paramore (NC DMF)	Nichola Meserve (ASMFC)
Gabe Gaddis (GA CRD)	Doug Vaughan (NMFS)	Pat Campfield (ASMFC)
Joe Grist (VMRC)	Charlie Wenner (SC DNR)	Geoff White (ACCSP)
Mike Murphy (FL FWRI)		

Meeting Overview

The Red Drum Technical Committee (TC) met via conference call to discuss the following items related to the upcoming stock assessment: data collection method, data background collection, updates on addressing data deficiencies, and the assessment timeline. The TC last met 5/24/07.

Data Collection

The TC was presented with two main methods to collect data for the assessment: using a data collection template and/or using ACCSP. Geoff White provided the following information on the status of red drum data in ACCSP's data warehouse:

- Commercial catch-effort data for NC-FL are from 1981-2006 by trip level where available. Data are from NEFSC for 1981 until the time each state's collection program began.
- North of NC, the data are less complete, but ACCSP is working on filling in the gaps.
- Recreational catch-effort data are from MRFSS and can be queried through the ACCSP website. ACCSP has also developed a bag frequency and directed trip analysis. The SASC would want to do some other work with the raw data though.
- In terms of biological data, ACCSP currently stores bio stats for herring and lobster from both port sampling and at-sea sampling. ACCSP would like to collect the biological data for red drum, such that they could be queried through the website by the TC.
- Summary index data could be submitted and stored in the warehouse. Because each state has its own method of calculating the indices from raw data, ACCSP wouldn't want to try and standardize a method. Additionally, ACCSP could help to collect non-state data like that from the SEAMAP or NEFSC trawls.
- ACCSP does not currently have the SEFSC Headboat Survey or Trip Interview Program (TIP) data available. ACCSP expects to be able to get the headboat data within six months, and the TC did not think TIP data would be relevant to red drum.
- Some data will only be available from ACCSP as summary data for confidentiality reasons.
- ACCSP has focused on data from 1980 to present but can work to get the commercial data back to the 1950s.

The TC determined that it will use ACCSP to collect fishery-dependent data (catch-effort data and biological statistics) and will use the ACCSP-managed FTP site to upload and share "summarized raw" fishery-independent data and data source information. The FTP address is: <ftp://asmfc@tautog2.accsp.org>.

In order for ACCSP to get started, Geoff asked some questions about the time-series of data the TC wanted. The TC tasked Geoff with looking at the red drum metadata Excel workbook that has the data availability from each state, determining which biological data can be incorporated into the ACCSP warehouse, and emailing the TC the results. Those data that cannot be incorporated will need to be posted to the FTP site for sharing.

The first steps for data collection will be for each TC member to spot check the data in ACCSP's warehouse. Next, each member should start posting data to the FTP site. Directions to access and use the FTP site will be sent to TC members. The need to post some programming software (such as SAS) to access files was also identified. Charlie Wenner offered to put together and post the data and survey descriptions for the SEAMAP and NEFSC trawls. Due dates for data collection tasks are below.

By February 1, 2008: TC members will have logged on and checked the ACCSP warehouse data for accuracy. They will also post fishery-independent data through 2006 to the FTP site, and if possible, data source information.

By July 1, 2008: TC members will have posted fishery-independent data through 2007 to the FTP site and data source information.

By November 1, 2008: ACCSP will have the fishery-dependent data ready.

Collecting Data Source Information

At its last meeting, the TC determined that it would develop a document describing the data sources. This will become part of the assessment document. The TC determined that each member should prepare a document describing sampling methods, data analysis, etc. for each state data source and post it to the FTP site when the data are made available. The schedule above includes dates for posting the source information.

Addressing Identified Data Deficiencies

Adult Population

The TC initiated an adult otolith collection program following its last meeting to address the data deficiency on the adult population. The following updates were provided: Virginia – awaiting funding approval, but plans to begin an extensive effort in the spring to meet the goal; North Carolina – collected about 100 fish and hopes to collect more this fall and spring; South Carolina – collected about 45 fish, and the sampling intensity is scheduled to be very high this coming month; Georgia – collected about 40 fish; Florida – because the state currently lacks the logistical necessities for the program, Georgia will be helping Florida out by sending its vessel into northeast Florida to collect fish.

The TC discussed the merits of having an ageing workshop. Charlie reported how there is some inter-state divergence in ageing methods involving the designation of the first annulus, which needs to be sorted out for the assessment. Additionally, several TC members noted that their states would benefit from an instructional workshop. Nichola reported that a workshop was in the draft 2008 budget that is going before the ISFMP Policy Board for approval at its October meeting. If that budget is approved, the TC determined that a one or two day workshop as part of a stock assessment subcommittee meeting will be scheduled to occur during either September or October of 2008 (in South Carolina). The timing is intended to follow the end of the otolith

collection sampling year (7/1/07 – 6/30/08) and allow for states to conduct the ageing and swap some samples.

Recreational Releases Length Frequencies and Natural Mortality

The TC previously identified limited recreational releases length data as a deficiency. Virginia has two efforts to collect such data: an online Recreational Saltwater Fishing Journal that started in July, and a logbook expected to be in use by next spring. South Carolina has some guides that voluntarily report B2 lengths. Florida has a survey program in which the department sends out 400 cards/wave to recreational fishermen asking them to report B2 lengths, but Mike said he would talk to the appropriate people about trying to beef up the collection of red drum data.

The TC had also discussed using tagging data to develop estimates for B2 length frequency and natural mortality, as was recently done in a 2007 North Carolina assessment. The TC thought the expertise would be the problem for them to conduct similar analyses. Lee suggested that the SASC arrange a meeting with Nate Bacheler next spring before he graduates from NCSU, which the TC agreed should be attempted.

Updates to the Preliminary Assessment Timeline

The TC updated the assessment timeline, which was provided to John Carmichael and Dale Theiling (SEDAR) for review following the call. The resulting timeline (dated 11.15.07) is below.

PRELIMINARY ASMFC RED DRUM STOCK ASSESSMENT TIMELINE

Date	Objective
2007	
√ May 24	Technical Committee Meeting to review SEDAR process, approve preliminary timeline, discuss data issues, finalize data availability template
√ July 5	Data availability template sent to each data holder; SASC chair elected
√ October 10	Completed templates all received, put into metadata file, and provided to TC
√ October 26	TC Conference Call to determine data collection methods
2008	
February 1	Data (through 2006) and draft data sources compiled and posted to FTP site SASC begins working on data and starting rough model runs
Spring	SASC meeting to learn about tagging analyses for B2 length frequencies and natural mortality (tentative)
July 1	Compliance report due date; deadline for submitting 2007 assessment data and data source information to FTP site
Sept/Oct	Stock Assessment Subcommittee Meeting and Ageing Workshop TC and SASC Chairs develop Draft Terms of Reference; TC approval
October	Data Scoping Call with SASC, Carmichael, and Theiling (tentative) Board approves Terms of Reference (week of Oct. 19); submitted to SEDAR Chair
November	ACCSP has fishery-dependent data ready SASC has roughed out runs of past assessments complete
2009	
January 1	SASC completes working papers, preliminary analyses, and brief presentations for Data Workshop; provided to workshop participants
Week of Jan 12	Data Workshop (TC, SASC, AP chair, staff, other invited/interested parties)
February 6	Data Workshop products finalized by the TC via e-mail and submitted to Assessment Workshop participants
April 10	Lead modeler(s) complete documents describing reasoning and methodology of proposed assessment technique(s); provided to workshop participants
Week of Apr 27	Assessment Workshop (SASC, TC chair & vice-chair, staff, invited parties)
June 26	Stock Assessment Report completed and submitted to TC for approval
Week of July 13	TC Meeting to review and approve Stock Assessment Report
September xx	Approved Stock Assessment Report submitted to SEDAR Chair
Week of Sept 21	SEDAR 18 Peer Review Workshop
Week of Nov 2	Board reviews Stock Assessment Report and Peer Review

PRELIMINARY 2009 STOCK ASSESSMENT SCHEDULE

January 2009

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Data Workshop

February 2009

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

(14 weeks)

March 2009

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

April 2009

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Assessment Workshop

May 2009

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

June 2009

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

(10 weeks)

July 2009

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

TC Meeting: Approve SAR

August 2009

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

(9 weeks)

September 2009

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Peer Review Workshop

October 2009

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

(5 weeks)

November 2009

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Annual Meeting

December 2009

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		