LIST of WORKING PAPERS

2013 TRAC Benchmark of the Georges Bank Yellowtail Flounder Empirical Approach

OVERVIEW

Working paper #

1 Legault , Chris. Overview of diagnostic problems in the current benchmark assessment formulation for Georges Bank yellowtail flounder.

MOVEMENT, DISTRIBUTION

2 Alade, Larry - Summary of Yellowtail Flounder Conventional Tagging Study
3 O'Keefe,Catherine E., Gregory R.DeCelles and Steven X. Cadrin. Spatial and temporal patterns of Georges Bank yellowtail flounder from the SMAST Bycatch Avoidance Program
4 Alade, Larry - Spatial Pattern of GB Yellowtail flounder from Commercial and observer Data

LIFE-HISTORY

5 Then, Amy Y.and Elizabeth N. Brooks. Estimates of natural mortality for flatfish in the Northwest Atlantic: A comparison of model predicted estimates.
6 Alade, Larry - Re-evaluation of GB yellowtail flounder Natural Mortality
7 Hart, Dvora. Beverton-Holt length-based mortality estimates for Yellowtail Flounder.
8 Legault, Chris. Estimation of Georges Bank yellowtail flounder total mortality by sex from NEFSC bottom trawl surveys.
9 Wood, Tony. Natural mortality of GB YT derived from an instantaneous rates tagging model.
10 # not assigned
11 Rago, Paul and C. Huntsberger. Interpretation of disease prevalance in YT
12 Cadrin, Steve and Catherine E. O'Keefe. Relative Abundance at age and size of Yellowtail Flounder off New England.

CATCHABILITY

13 Jacobson, Larry. Prior for Bigelow fall/spring survey catchability and swept area biomass (+ emp q bounds based on diel effects)
14 Richardson, David, Rich Bell, John Manderson, and Jon Hare. Minimum bounds on GBYT Spawning Stock Biomass with a metaanalysis of catchability across northeast stock assessments.
15 Shank, Burton et al . Abundance and spatial distribuiton of Yellowtail Flounder in Closed Area II South, 2010 vs. 2012, from an image-based survey.
16 Shank, Burton. YT avoidance of HABCAM gear
17 Brooks, Elizabeth N. and Philip J. Politis. Evaluating age and length composition data for inference about selectivity shape.

BIOMASS

18 Rago,Paul, Susan Wigley and Chris Legault. What would discarding rates have to be in order to explain differences in interannual abundance estimates for Georges Bank yellowtail flounder.

19 Richardson, David E., Katey Marancik, and Harvey Walsh. A larval index for GB YT with comparisons of relative larval production between the YT stock areas.

20 DeCelles,Greg, Katherine Thompson, and Steve Cadrin. Estimates of yellowtail flounder biomass on Georges Bank derived from a seasonal dredge survey.

21 Adams, Chuck. Kriged estimates of YT biomass in the closed area II access area based on the George Bank pilot flatfish survey.

22 Rudders, Dave and Chris Legault. Yellowtail Flounder Estimates from the VIMS Scallop Dredge Survey in Closed Area II.

23 Martin, Michael and Christopher M. Legault. The August 2013 Flatfish Survey on Georges Bank.

24 Cadrin, Steven, Jessica Melgey, and Kevin D.E.Stokesbury. Abundance of Yellowtail Flounder in the Access Area of Closed Area II on Georges Bank in June 2008 from a Large-Scale Petersen Tagging Study.

25 Rago, Paul and Chris Legault. Application of index methods to Georges Bank Yellowtail Flounder

45 Stokesbury, Kevin. A new groundfish survey technique examining Georges Bank Yellowtail Flounder

REFERENCE POINTS

26 Cadrin, Steven X. The effect of a higher natural mortality on overfishing reference points for Georges Bank Yellowtail Flounder.

27 Legault, Chris and Michael Palmer. What direction should the fishing mortality target change when natural mortality increases within an assessment?

SYNTHESIS

46 Legault, Chris. Synthesis of information presented for Georges Bank yellowtail flounder diagnostic benchmark: putting the pieces together.

BACKGROUND ANALYSES

Literature Review

28 Legault, Christopher M. and Steven X. Cadrin. A guided tour through the yellowtail flounder literature for the 2014 Georges Bank yellowtail flounder diagnostic benchmark.

Movement

29 Winton, Megan, Katherine Thompson, Carl Huntsberger and Ronald Smolowitz. Seasonal distribution of yellowtail flounder in Georges Bank scallop access areas as inferred from the seasonal bycatch survey.

Life History

30 O'Brien, Loretta. Estimation of the Intrinsic Rate of Increase for Georges Bank Yellowtail Flounder.

31 Huntsberger,Carl and Roxanna Smolowitz. Prevalence of Ichthyophonus sp. in yellowtail flounder sampled during the seasonal bycatch survey on Georges Bank.

32 McBride, Richard S., Sandra J. Sutherland, Sarah Merry, and Larry Jacobson. Agreement of historical Yellowtail Flounder age estimates: 1963-2007.

33 McElroy, W.D., E.T. Towle, M.J. Wuenschel, and R.S. McBride. Spatial and annual variation in fecundity of yellowtail flounder in U.S. waters.

34 Traver, Michele. Comparison of distribution and prey of four flounders on Georges Bank

Catchability

35 Jacobson, Larry. Ghost Surveys in the Sky! (Empirical check on problems with Q in TRAC 2013 VPA).

36 Linton, Brian C. Relative catch efficiencies of Georges Bank Yellowtail Flounder and Fourspot Flounder in Scientific surveys.

37 Hennen, Daniel R. Catchability estimates using Habcam images as an estimate of absolute abundance.

Catch

38 Palmer, Michael. A summary of commercial catch investigations conducted in support of an empirical approach to the Georges Bank yellowtail flounder stock assessment.

39 Palmer, Michael and Susan E. Wigley. Using positional data from vessel monitoring systems (VMS) to validate the logbook-reported area fished and the stock allocation of commercial fisheries landings,2004-2011.

40 Palmer, Michael. Estimating the magnitude of unreported dealer landings for the northeast large mesh groundfish species from 1996 to 2007.

Biomass

41 Clark, Don, and Loretta O'Brien. Summary of Yellowtail Flounder Catches in the DFO summer Scotian Shelf Survey - 4X and 4VW.

42 O’Brien, Loretta. Annual surplus production of Georges Bank Yellowtail Flounder estimated from 2013 VPA model results.

43 Sosebee, K. A. and M. Traver. An examination of the relationship between yellowtail flounder abundance and the abundance of potential predators and competitors.

44 Takade-Heumacher, Helen, Owen Liu, Sarah Lindley Smith, Jake Kritzer and Rod Fugita. Exploring hypotheses for reduced growth and truncated size structure of Georges Bank yellowtail flounder.