

HMSMT REPORT ON DRIFT GILLNET BYCATCH PERFORMANCE METRICS

PACIFIC FISHERY MANAGEMENT COUNCIL MEETING

JUNE 25, 2021

INTRODUCTION

- ORIENTATION TO HMSMT REPORTS IN BRIEFING BOOK
- MULTIYEAR TREND APPROACH
- NEW VARIABLE SELECTION PROCEDURE FOR NON-FINFISH SPECIES
- HMSMT RECOMMENDATIONS

FIGURE 5. DGN BPUE ANALYSIS FOR FINFISH SPECIES

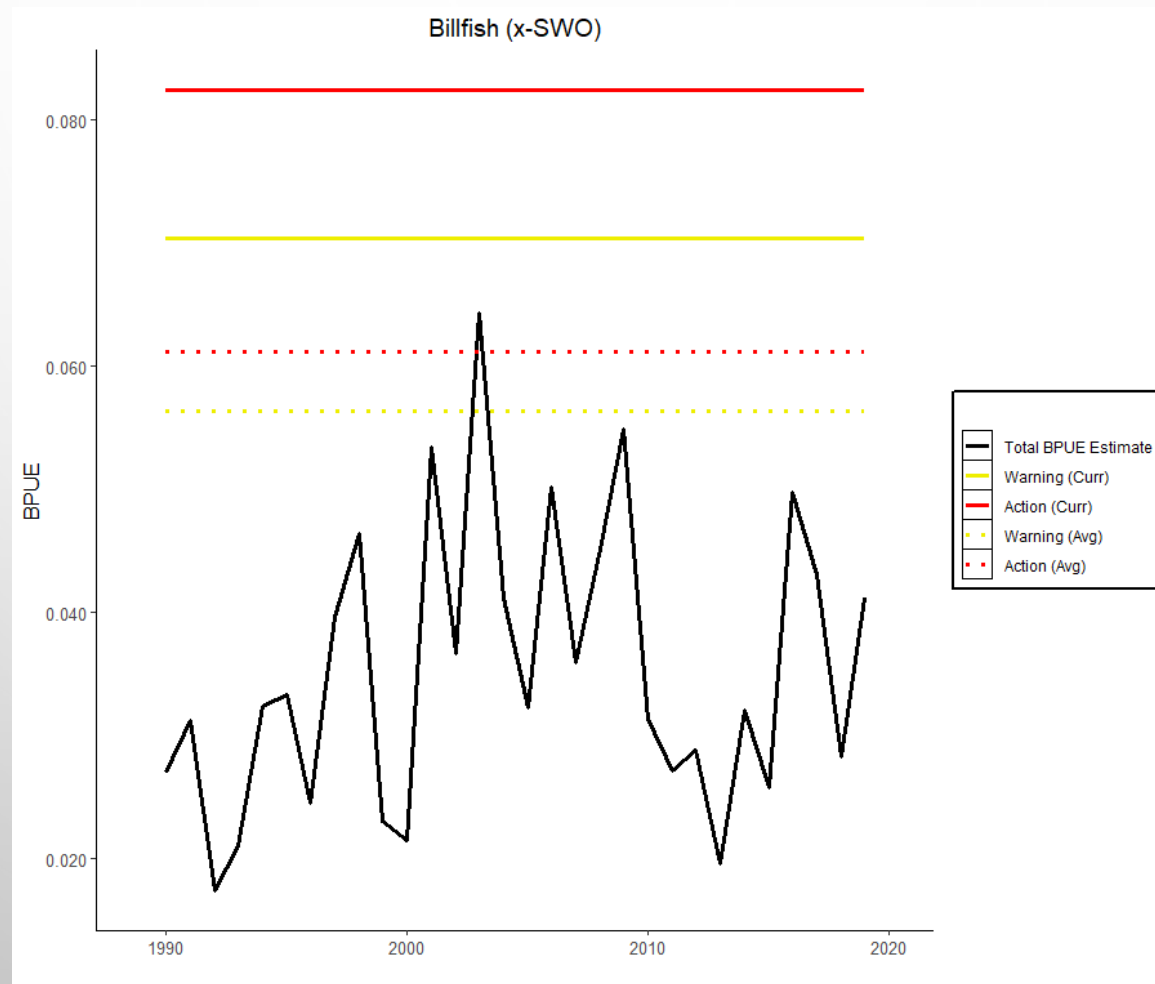


FIGURE 1. DGN TOTAL ANNUAL BYCATCH TRENDS FOR FINFISH SPECIES

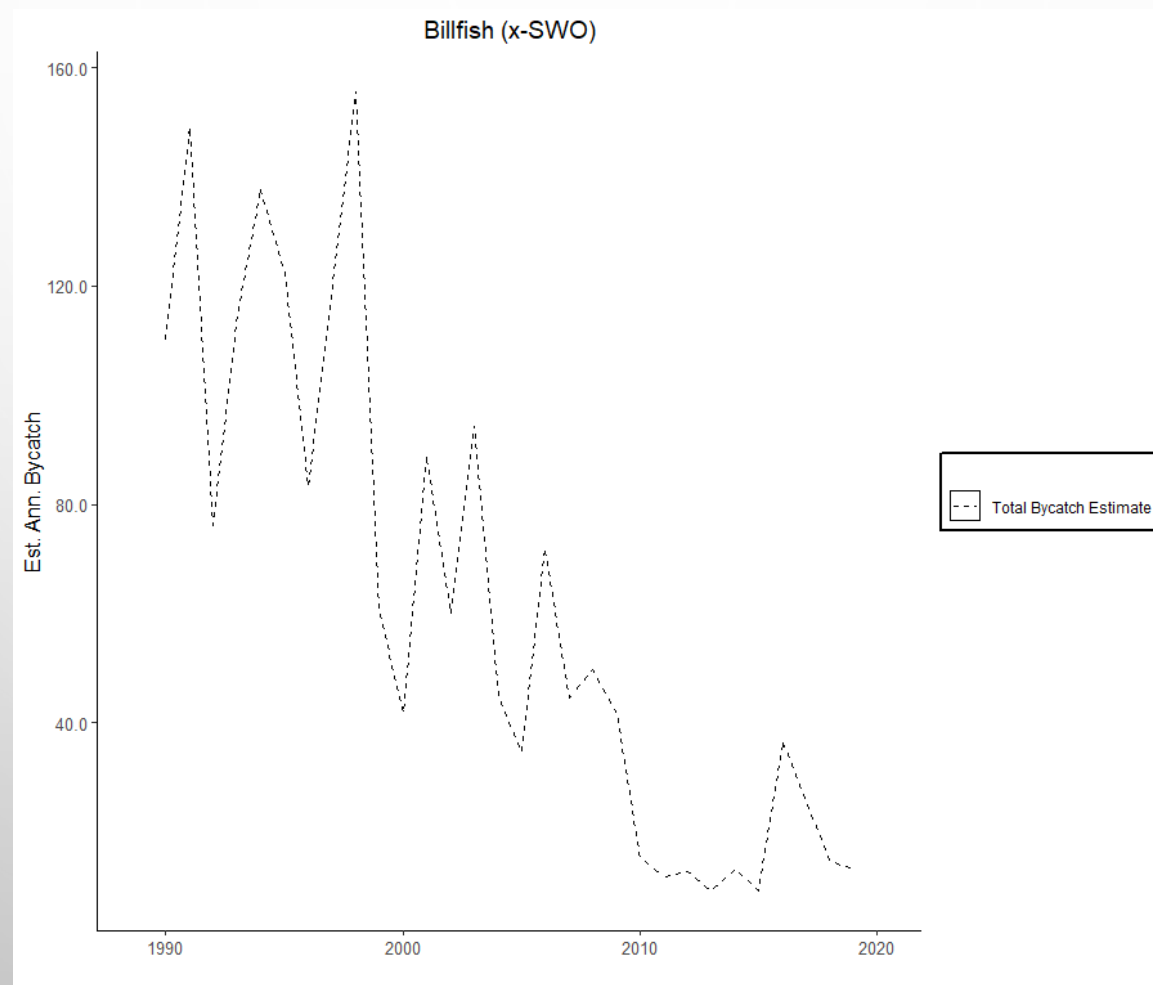


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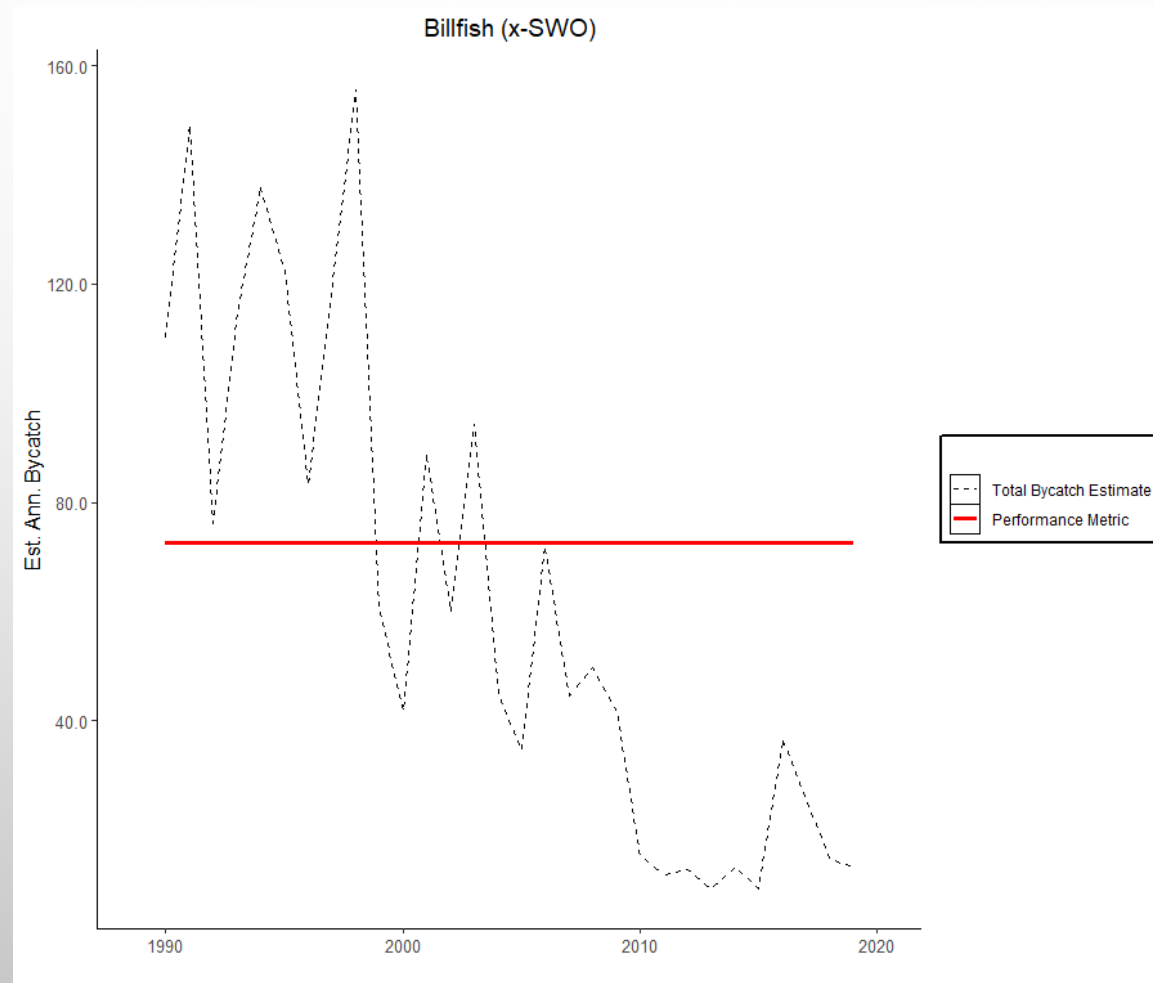


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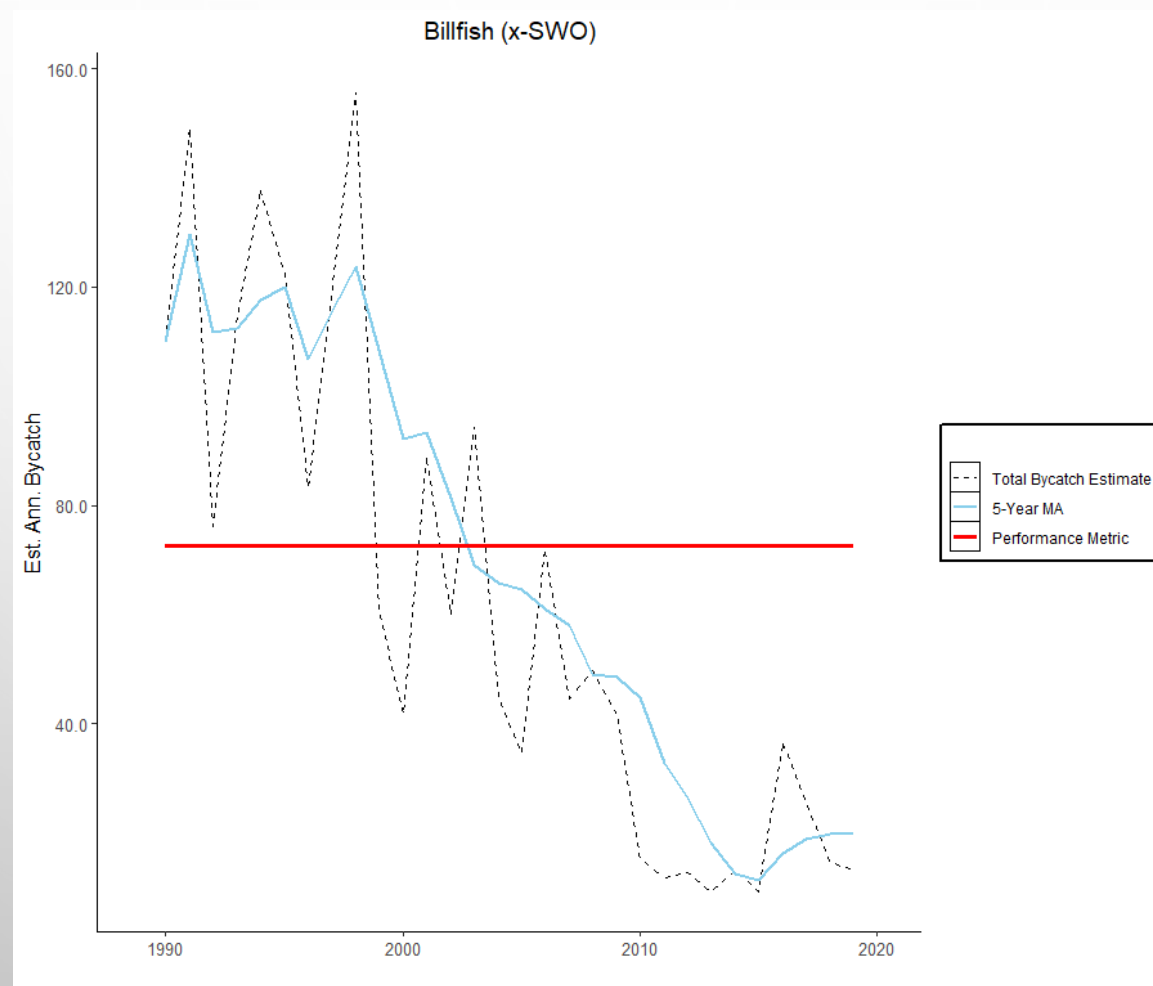
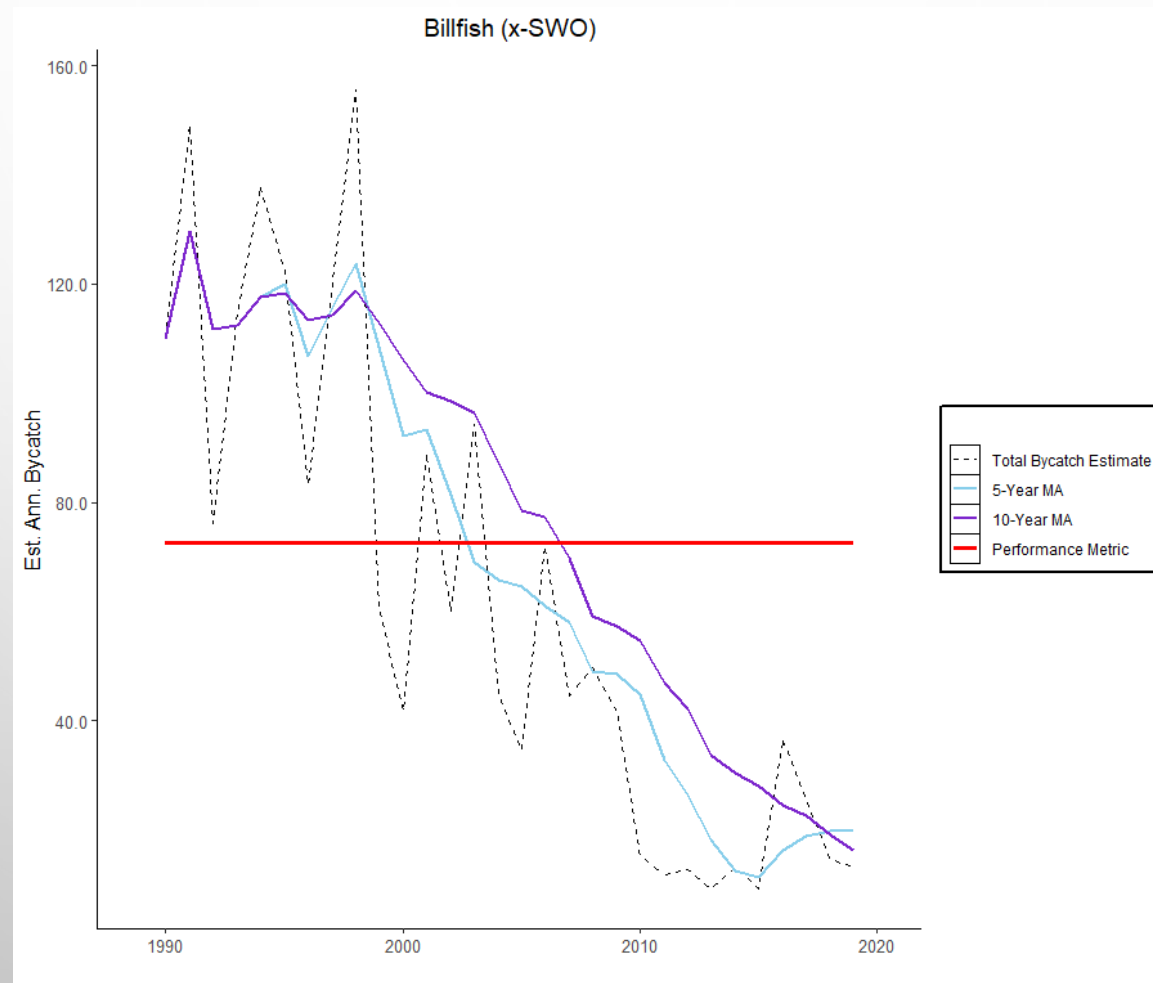


FIGURE 1. DGN TOTAL ANNUAL BYCATCH TRENDS FOR FINFISH SPECIES



NEW VARIABLE SELECTION METHODOLOGY

- METHOD HAS BEEN INITIALLY APPLIED TO FINFISH AND TESTED
- UNDER REVISION TO ADDRESS ISSUES THAT CAME OUT IN REVIEW
- NOT EXPECTED TO RESULT IN SUBSTANTIVE CHANGES TO REGRESSION TREE ESTIMATES OF FINFISH BYCATCH

HMSMT RECOMMENDATIONS

- ADVISE THE HMSMT ON FURTHER DEVELOPMENT OF MULTIYEAR TREND APPROACH AND ADAPTATION OF NEW VARIABLE SELECTION METHODOLOGY TO FINFISH BYCATCH ESTIMATION
- IF THE COUNCIL WISHES THE HMSMT TO CONTINUE WORKING ON THIS ASSIGNMENT, THE HMSMT COULD PROVIDE AN UPDATE IN JUNE 2022

FIGURE 3. DGN TOTAL ANNUAL BYCATCH TRENDS FOR WHALE SPECIES
(DETAILED FOCUS ON RECENT YEARS)

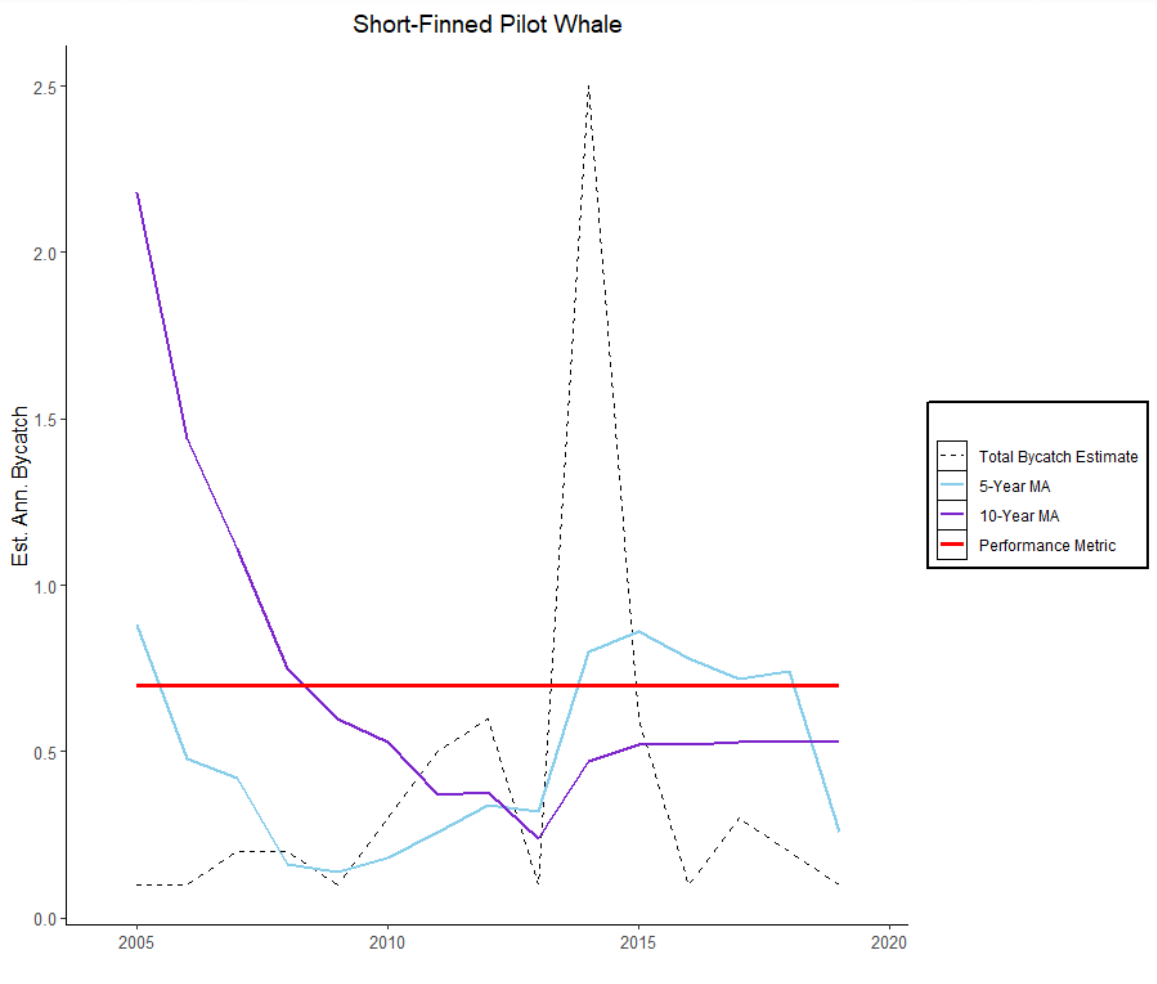


FIGURE 4. DGN TOTAL ANNUAL BYCATCH TRENDS FOR SEA TURTLE SPECIES
(DETAILED FOCUS ON RECENT YEARS)

