

APPENDIX H: Economic Survey

An Economic Survey for the “Light-Touch Trawl” Research Vessel for California Halibut in Monterey Bay

Conducted by:
NOAA Fisheries – Southwest Region

NOTE: This survey form is intended to be used only for the vessel that participated in the “Light-Touch Trawl” gear experiment in Monterey Bay targeting California Halibut during July ___ to ___, 2013.

Part A: INTERVIEWEE INFORMATION

1. Name: _____
2. Interviewee’s Role/Relationship: ___ Owner-Operator ___ Non-owner/Captain ___ Non-operator owner
3. Address: _____
4. Telephone: () _____ Fax: () _____ E-mail: _____

Part B: VESSEL OWNERSHIP AND CHARACTERISTICS

5. Please verify the following information on record about your vessel’s characteristics.

Item	Information on Record
USCG Vessel ID	
State Vessel ID	
Vessel Name	
Owner’s Name	
Owner’s Address	
Home Port	
Vessel Length (feet)	
Fuel Capacity (gallons)	
Vessel Capacity (gross tons)	
Vessel Capacity (net tons)	
Engine Horsepower (HP)	

Part C: TRIP and CATCH INFORMATION

6. Number of trip(s) during the research experiment: _____
7. Total number of tows during the research experiment: _____

8. Please provide the quantities of catches, expected prices and ex-vessel revenue for California halibut and other marketable species during this research experiment (for all trips and tows).

Fish Species	No. of Fishes	Catch Weights (Pounds)	*Expected Price (US \$/lb)	*Expected Ex-Vessel Revenues (US\$)
California halibut				
Species 2				
Species 3				
Species 4				
Species 5				
Species 6				
Species 7				

*Note: Expected figures if were sold.

Part D: VARIABLE EXPENSES

9. Please provide variable expenses incurred while targeting California halibut during this research experiment. Please provide data on a per trip basis OR for all trips OR both.

Variable Costs Items	Variable Cost	
	Per Trip (US\$/Trip)	All Trips (US\$)
Captain*		
Crew*		
Fuels		
Food and crew provisions		
Ice		
Lubes		
Other supplies		
Freight charges to vessel owner on supplies		
Trucking expenses paid to haul fish to buyer		
Offload expenses (Cross deck fees, port tariffs, hoist fees, etc.)		
Other variable expenses _____		
TOTAL EXPENSES		

*Note: include share payments, bonuses, other forms of compensation while estimating equivalent dollar cost on captain & crews

10. Total fuel usage (for the research): _____ Gallons Total fuel cost: _____ US\$
 11. Number of Crew (excluding Captain): _____
 12. Does the vessel owner also serve as Captain? _____ Yes _____ No

Part E. ANNUAL FIXED COSTS (For the research vessel in 2012)

13. Please provide estimated annual fixed expenses incurred to this vessel in 2012.

Annual Fixed Costs Items	Annual Fixed Costs (US\$)
Repair & Maintenance of vessel, gear, and equipment	
Insurance charges	
Interest charges (for purchase of vessel, equipment, etc.)	
Moorage fees	
Fishing association dues	
Purchase of permit	
Leasing of permit	
Other fixed expenses Pls. specify	
Other fixed expenses Pls. specify	
TOTAL EXPENSES	

14. If you adapt your vessel to “light trawl” gear from “Bottom trawl”, what will that cost to you?
- One time cost: _____ US\$
 - Annual recurring cost: _____ US\$/Year
 - Per trip recurring cost: _____ US\$/trip
15. Current market value of this vessel: US \$ _____
16. Remaining expected life of this vessel: _____ Years
17. Expected Salvage value of this vessel: US\$ _____

Part F: TRIP and CATCH INFORMATION (On Regular Fishing Trips)

Please provide information for a recent or typical year in the West coast for this vessel.

18. How many days per year did you go fishing *targeting all species* using this vessel in a typical year?
 _____ Number of days per year
19. How many trips (or days) per year did you go *targeting California halibut* using the bottom trawl gear?
 _____ Number of trips per year
20. Please provide monthly distribution of trips *targeting California halibut* and their catches off the West Coast (*exclude Monterey Bay area*) by this vessel using bottom-trawl gear in a typical recent year.

Average Trips and catches using Bottom-trawl gear	Jan	Feb	Mar	Apr	Mar	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Number of Trips or Days (Trips/Month)												
Halibut Catches (Pounds/Trip)												

Expected Halibut Trips by “Light-Touch Trawl” in the Monterey Bay Area:

21. IF “light-touch trawl” gear is allowed in the Monterey Bay area, how many trips per year do you expect to take in this area targeting California halibut?
 _____ *Number of trips per year*
22. Please provide how many halibut trips you anticipate taking each month in the Monterey Bay area IF “light-touch trawl” gear is allowed. Please, provide your best estimate of how much halibut you expect to catch with this vessel.

Expected Number of Trips and Catches	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Number of Trips (or Days)												
Halibut Catches (Pounds/ trip)												

Part G. EXPECTED REVENUE FROM CALIFORNIA HALIBUT RELATIVE TO ALL FISHES

23. If fishing for halibut with “light-touch trawl” gear is permitted in Monterey Bay area, do you expect an increase in annual revenue to this vessel? _____ *Yes* _____ *No*.

If “YES”: a) Revenue from halibut alone is likely to increase by _____ %
 b) Total Revenue from all species likely to increase by _____ %

24. If this vessel had fish revenue from California halibut, what would that constitute relative to total annual sales of all species?
 Halibut constitute _____ % of total annual sales from all species.

25. If “light-touch trawl” gear is opened in Monterey Bay area, will you reduce the number of trips targeting halibut in other West coast areas? _____ *Yes* _____ *No*

If “YES”,
 a) No. of trips targeting halibut in other Westcoast areas may be reduced by about _____ trips / year
 b) No. of trips targeting halibut in other West coast areas may be reduced by about _____ % per year

Part H: POTENTIAL FLEET SIZE

26. Please provide estimate of the fleet size or number of trips (by all vessels) in the Monterey Bay area if fishing is permitted in the future for California halibut using “light-touch trawl”:
 _____ Potential number of “Light-touch” Trawlers per year
 _____ Potential number of trips per year by individual “Light-touch” trawler

27. Please provide any other useful economic information that you would like to share in targeting the California halibut using “light-trawl gear” in the Monterey Bay Area in July 2013.

Survey Conclusion and Paper Reduction Act Statement

Thank you for participating in this survey. Your response to the survey is very much appreciated. The information you provided will be used in the economic analysis of experimental data on California halibut catches and other catches using “light-touch trawl” gear in the Monterey Bay area.

Public reporting burden for this information collection, including time for gathering data needed, and completing the survey with an interviewer is estimated to be one hour. Any questions about this survey may be directed to either Naresh Pradhan (562-980-3248) or Lyle Enriquez (562-980-4025) at NOAA Fisheries Southwest Region, 501 W Ocean Blvd Suite 4200, Long Beach, CA 90802 and FAX (562) 980-4047. You may also inquire at the e-mail Naresh.Pradhan@noaa.gov. This survey expires after August, 2013.