

File Name: 155872900

WEST COAST SWORDFISH FISHERY ANNUAL COST AND EARNINGS SURVEY
202X-2Y & 202Y-2Z Fishing Seasons

Section 1: Vessel Information for Drift Gillnet, Harpoon, Longline or Deep Set Buoy Gear Only

1	Owner:	Operator:	
2	Captain:		
3	Vessel Name:		
4	Position of person filling out form:		
5	Contract captain used?	202X-202Y <input type="checkbox"/> Yes <input type="checkbox"/> No 202X-202Y% of time:	202Y-202Z <input type="checkbox"/> Yes <input type="checkbox"/> No 202Y-202Z% of time:
6	Year current captain was born	19_____	
7	Captain: years fishing	_____ yrs	
8	Captain: years operating current fishing vessel	_____ yrs	
9	Year vessel purchased		
10	Purchase price	\$ _____	
11	Estimated market value of vessel	\$ _____	
12	Insured replacement value of vessel	\$ _____	
13	Vessel purchase loan principle balance	\$ _____	
14	Vessel loan payments	\$ _____ yr/mo?	
15	Time remaining on this loan	_____ Yrs	_____ Mos
16	Vessel depreciation and amortization	202X-202Y\$ _____	202Y-202Z\$ _____
17	Capital Construction Fund (CCF) contributions	202X-202Y\$ _____	202Y-202Z\$ _____
18	Total Insurance cost: (vessel, liability, and health combined)	202X-202Y\$ _____	202Y-202Z\$ _____
19	Do you participate in a cooperative fishermen's pool?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
20	Electronics (Check all on vessel): <input type="checkbox"/> INMARSAT <input type="checkbox"/> Cellular phone <input type="checkbox"/> VHF radio <input type="checkbox"/> CB Radio <input type="checkbox"/> SSB Radio <input type="checkbox"/> Video plotter <input type="checkbox"/> Autopilot <input type="checkbox"/> Satellite navigation <input type="checkbox"/> Computer <input type="checkbox"/> Depth sounder <input type="checkbox"/> Radar <input type="checkbox"/> Sonar <input type="checkbox"/> GPS <input type="checkbox"/> Doppler Radar <input type="checkbox"/> Temperature sensor <input type="checkbox"/> Weather fax <input type="checkbox"/> Other:		
21	Total Electronics Cost	202X-202Y\$ _____	202Y-202Z\$ _____
22	Refrigeration: <input type="checkbox"/> Brine Spray, <input type="checkbox"/> Chiller, <input type="checkbox"/> Blast Freeze	<input type="checkbox"/> Other	
	a) Year purchased		
	b) Purchase price	\$ _____	
	c) Maintenance Costs	202X-202Y\$ _____	202Y-202Z\$ _____
23	Icemaker?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
	a) Year purchased		
	b) Purchase price	\$ _____	
24	Total crew per trip (exclude captain)	Crew:	
25	Fishing shares (percentage or actual cash)	202X-202Y	202Y-202Z
	a) Boat /Vessel	_____% or \$ _____	_____% or \$ _____
	b) Captain	_____% or \$ _____	_____% or \$ _____
	c) 2 nd Captain	_____% or \$ _____	_____% or \$ _____
	d) Engineer	_____% or \$ _____	_____% or \$ _____
	e) Crew	_____% or \$ _____	_____% or \$ _____

Section 1: Continued

		202X-202Y↓		202Y-202Z↓	
26	Annual mooring or slip / berthing fees (if charged separately)	\$		\$	
27	Shipping costs	\$		\$	
28	Annual fuel and oil costs / amounts	If Total:		\$	gal
a)	Fuel	If Separate:		\$	gal
b)	Oil	If Separate:		\$	gal
29	Annual food costs	\$		\$	
30	Engine replacement costs	Year		\$	\$
31	Annual total vessel repairs and maintenance	\$		\$	
a)	Does this include haul out fees?	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	
b)	Haul out fee if charged	\$		\$	
32	Fishing association membership dues (Please circle month or year)	\$	Mo/Yr	\$	Mo/Yr
33	Total license fees (local, state, federal, combined)	\$		\$	
34	Total County or Landing, vessel and berthing fees	\$		\$	
35	Total business travel (car, airplane, train, other _____)	\$		\$	
36	Total vehicle expenses	\$		\$	
a)	Cost of new vehicle if purchased	\$		\$	
37	Off-vessel fish storage/refrigeration expenses	\$		\$	
38	Office expenses	\$		\$	
39	Total fishing trips per year this vessel (all types of commercial fishing)	trips		trips	
40	Total days per trip on average	days		days	
41	Total days fished per trip on average	days		days	
42	Did you use a spotter plane?	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	
43	For how many trips did you use a spotter plane?	trips		trips	
44	Do you own the plane? (If yes please fill out Section 6)	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	
45	If rental plane, what was the rental fee?	\$	per	\$	per
46	Who is responsible for paying for fuel and oil for the plane?				
a)	Total fuel cost (if known):	\$		\$	
b)	Total oil cost (if known):	\$		\$	
c)	Total if combined (if known):	\$		\$	
47	If pilot was paid a share or percentage of catch/gross/etc. please provide:	___% or \$___		___% or \$___	
48	If pilot was paid a flat-rate, please provide:	\$	per___	\$	per___
49	Do you share the cost of a spotter plane or pilot with others? <input type="checkbox"/> Yes <input type="checkbox"/> No indicate your share as a percentage or dollar amount (please circle units)	___% or \$___ per: Day/Mo/Yr		___% or \$___ per: Day/Mo/Yr	
50	How did you decide to use the spotter plane? <input type="checkbox"/> Weather <input type="checkbox"/> Availability <input type="checkbox"/> Spotter Ability <input type="checkbox"/> Cost <input type="checkbox"/> Increased catch (Check all that apply)	<input type="checkbox"/> Other:		<input type="checkbox"/> Other:	
51	Did increased catch justify the cost of using the plane?	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Section 2: Questions for Drift Gillnet Fishery (DGN) Participants Only

202X-202Y ↓ 202Y-202Z ↓

1	Total fishing trips per year this vessel (DGN fishing)	trips	trips
2	Total days per trip on average (DGN)	days	days
3	Total days fished per trip on average (DGN)	days	days
4	Net configurations used during 202X-202Y and 202Y-202Z and Targeted species:		
	In 202X-202Y net used for what fishery/species (SWD, Shark, Bluefin, Yellowfin, other) List Target Fish ↓		
a)	Net 1: Length (ft/fm)	Depth (ft/fm)	Mesh (inches)
b)	Net 2: Length (ft/fm)	Depth (ft/fm)	Mesh (inches)
c)	Net 3: Length (ft/fm)	Depth (ft/fm)	Mesh (inches)
	In 202Y-202Z net used for what fishery/species (SWD, Shark, Bluefin, Yellowfin, other) List Target Fish ↓		
d)	Net 1: Length (ft/fm)	Depth (ft/fm)	Mesh (inches)
e)	Net 2: Length (ft/fm)	Depth (ft/fm)	Mesh (inches)
f)	Net 3: Length (ft/fm)	Depth (ft/fm)	Mesh (inches)
5	How much extra net (auxiliary or for repair) kept on vessel? Length:		(ft/fm)
6	Current drift net total initial cost	\$	
7	Current drift net year purchased	Year:	
a)	Current drift net remaining useful life expectancy	years	
b)	Current pingers brand and remaining useful life expectancy	years	
c)	Drift net annual equipment costs	202X-202Y \$	202Y-202Z \$
d)	Drift net annual maintenance & repair cost	202X-202Y \$	202Y-202Z \$
e)	Lost gear, depredation, other costs, Please Specify:	202X-202Y \$	202Y-202Z \$
8	Total Catch & Revenue Drift Gillnet Fishery	202X-202Y CATCH (Specify Units)	202X-202Y REVENUE
		202Y-202Z CATCH (Specify Units)	202Y-202Z REVENUE
a)	Swordfish	\$	\$
b)	Shark	\$	\$
c)	Tuna	\$	\$
d)	Other (list)	\$	\$

Section 3: Questions for Harpoon Fishery Participants Only

202X-202Y ↓

202Y-202Z ↓

1	Total fishing trips per year this vessel (HPN fishing)	trips	trips		
2	Total days per trip on average (HPN)	days	days		
3	Total days fished per trip on average (HPN)	days	days		
4	Why do you harpoon? (Check all that apply) <input type="checkbox"/> Primary source of income <input type="checkbox"/> Opportunistic/supplemental <input type="checkbox"/> Recreational <input type="checkbox"/> Tax write-off Income <input type="checkbox"/> Lower fuel costs <input type="checkbox"/> Most cost efficient method of fishing <input type="checkbox"/> Other:				
5	Percentage of your <u>fishing</u> income from harpooning	202X-202Y %	202Y-202Z %		
6	How many harpooning trips did you fish other gear?	202X-202Y	202Y-202Z		
a)	Troll	Trips	Trips		
b)	Hook and Line	Trips	Trips		
c)	Longline	Trips	Trips		
d)	Pots	Trips	Trips		
e)	Other	Trips	Trips		
7	Total harpoon gear costs? (gun, retrofitting, plank, floats, line, and other _____)	\$	\$		
8	Other fishing costs, Please Specify:	\$	\$		
9	Total Catch & Revenue Harpoon Fishery	202X-202Y CATCH Specify Units (#, lbs, or both)	202X-202Y REVENUE	202Y-202Z CATCH Specify Units (#, lbs, or both)	202Y-202Z REVENUE
a)	Swordfish		\$		\$
b)	Shark		\$		\$
c)	Tuna (Specify _____)		\$		\$
d)	Other (please list):		\$		\$

Section 4: Questions for Longline Participants Only

202X-202Y ↓

202Y-202Z ↓

1	Total fishing trips per year this vessel (LL fishing)	trips	trips
2	Total days per trip on average (LL)	days	days
3	Total days fished per trip on average (LL)	days	days
4	Longline gear purchase price	\$	
a)	Year purchased		
b)	Expected longevity	Yrs	
c)	Longline length	Miles	
5	Annual longline operating costs	Total if combined:	\$
a)	Gangion/branch lines	If separate:	\$
b)	Hooks	If separate:	\$
c)	Bait	If separate:	\$
d)	Trans-shipment costs	If separate:	\$
6	Total Catch & Revenue Longline Fishery	202X-202Y CATCH (Specify Units)	202X-202Y REVENUE
		202Y-202Z CATCH (Specify Units)	202Y-202Z REVENUE
a)	Swordfish	\$	\$
b)	Shark	\$	\$
c)	Tuna	\$	\$
d)	Other (list)	\$	\$

Section 5: Questions for Deep Set Buoy Gear Participants Only

202X-202Y↓

202Y-202Z↓

1	Total fishing trips per year this vessel (DSBG fishing)	trips	trips
2	Total days per trip on average (DSBG)	days	days
3	Total days fished per trip on average (DSBG)	days	days
4	Buoy Gear purchase price		\$
a)	Year purchased		
b)	Expected longevity		Yrs
c)	Main Line length		Miles
5	Annual buoy gear operating costs	Total if combined:	\$
a)	Gangion/branch lines	If separate:	
b)	Hooks	If separate:	\$
c)	Bait	If separate:	\$
d)	Trans-shipment costs	If separate:	\$
6	Total Catch & Revenue Longline Fishery	202X-202Y CATCH (Specify Units)	202X-202Y REVENUE
			202Y-202Z CATCH (Specify Units)
			202Y-202Z REVENUE
a)	Swordfish	\$	\$
b)	Shark	\$	\$
c)	Tuna	\$	\$
d)	Other (list)	\$	\$

Section 6: Questions for Spotter Plane Pilot or Owner Only

1	Owner:	Operator:			
2	Year pilot was born		19____		
3	Years as a spotter pilot		_____ yrs		
4	Type of airplane				
5	Year built				
6	Year purchased				
7	Purchase price		\$		
8	Estimated replacement value of airplane		\$		
9	Insured replacement value of airplane		\$		
10	Airplane purchase loan principle balance		\$		
11	Airplane loan payments		\$ _____ per		
12	Time remaining on this loan		_____ yrs _____ mos		
13	Airplane depreciation and amortization		\$		
14	Electronics (Check all on airplane): <input type="checkbox"/> INMARSAT <input type="checkbox"/> Cellular phone <input type="checkbox"/> VHF radio <input type="checkbox"/> CB Radio <input type="checkbox"/> SSB Radio <input type="checkbox"/> Computer <input type="checkbox"/> Radar <input type="checkbox"/> GPS <input type="checkbox"/> Other:				
15	Total Electronics Cost				
16	Total Insurance cost: (vessel, liability, and health combined)	202X-202Y \$	202Y-202Z \$		
	Total Annual Cost (book keeping and tax preparation)	202X-202Y \$	202Y-202Z \$		
17	Engine(s) horse power		hp	hp	
18	Fuel consumption		gal/hr	gal/hr	
19	Annual Operating Costs:				
a)	Number of gallons of fuel and oil (combined or split)		gal.	gal.	
b)	Total fuel and oil costs while fishing (combined)	202X-202Y \$	202Y-202Z \$		
c)	Maintenance	202X-202Y \$	202Y-202Z \$		
d)	Parts (tires, brakes, engine, etc.)	202X-202Y \$	202Y-202Z \$		
f)	Transit of the plane to/from fishing grounds	202X-202Y \$	202Y-202Z \$		
g)	Equipment (GPS, binoculars, software, etc.)	202X-202Y \$	202Y-202Z \$		
20	Total Flight Days and Hrs Spotting:	202X-202Y		202Y-202Z	
a)	Swordfish	Days	Ave Hrs/day	Days	Ave Hrs/day
b)	Shark	Days	Ave Hrs/day	Days	Ave Hrs/day
c)	Tuna	Days	Ave Hrs/day	Days	Ave Hrs/day
d)	Small Pelagics (Anch/Sard/Mac)	Days	Ave Hrs/day	Days	Ave Hrs/day
e)	Other	Days	Ave Hrs/day	Days	Ave Hrs/day
21	Total Catch & Revenue Spotter Plane	202X-202Y	202X-202Y	202Y-202Z	202Y-202Z
		CATCH (Specify Units)	Spotter Plane Revenue	CATCH (Specify Units)	Spotter Plane Revenue
a)	Swordfish		\$		\$
b)	Shark		\$		\$
c)	Tuna		\$		\$
d)	Small Pelagics		\$		\$
e)	Other: Explain:				

Section 7: Questions for Processor Participants Only

1	Owner:		
2	Operator:		
3	Business Name:		
4	Position of person filling out form:		
5	Corporation Type:		
6	Year incorporated:		
7	Year purchased:		
8	Purchase price: \$		
		202X-202Y	202Y-202Z
9	Annual accountant fees	\$	\$
10	Annual Rent, Lease, or Mortgage costs (circle which applies)	\$	\$
11	Outstanding loan amounts	\$	\$
12	Total annual labor costs	\$	\$
13	Building & equipment maintenance	\$	\$
14	Insurance costs:		
a)	FDIC	\$	\$
b)	Workers comp	\$	\$
c)	Health insurance costs	\$	\$
d)	Longshore & Harbor workers	\$	\$
e)	Pension funding	\$	\$
15	Harbor fees	\$	\$
16	Telephone costs	\$	\$
17	Vehicle costs		
a)	Maintenance (non-vehicular)	\$	\$
b)	Insurance	\$	\$
c)	Fuel	\$	\$
d)	New purchases	\$	\$
18	Maintenance costs	\$	\$
19	Total swordfish purchased (please specify number or weight)		
20	Total cost swordfish purchased	\$	\$

Section 8: Questions for Former Swordfish Participant/Operator Only

1	Name owner/operator:	
2	Were you the Captain	<input type="checkbox"/> Yes <input type="checkbox"/> No
3	Vessel Name	
4	Position person filling out form	
5	Last year fished	
6	Year captain was born	19_____
7	Captain: years fishing	yrs
8	Captain: years operating fishing vessel	yrs
9	Do you currently participate in a commercial fishery? <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, which fishery(s)
10	<p>Why did you leave the Swordfish fishery (please briefly describe)?</p> <p>Economics? <input type="checkbox"/>Yes <input type="checkbox"/>No</p> <p>Regulations? <input type="checkbox"/>Yes <input type="checkbox"/>No</p> <p>Other? <input type="checkbox"/>Yes <input type="checkbox"/>No</p>	

Section 9: Continued

4. Are hard caps for marine mammal and sea turtle species an effective bycatch management tool?

Yes

No

In a few words, please explain why you answered “Yes” or “No”

5. Did you know the PFMC is soliciting applications for, and has issued Exempted Fishing Permits to target swordfish using deep-set buoy gear in California over the last few years?

6. Do you have any interest in applying for an Exempted Fishing Permit to target swordfish using deep-set buoy gear?

Yes

No

In a few words, please explain why you answered “Yes” or “No”

Section 9: Continued

7. Should the level of commercial swordfish fishing activity on the West Coast of the U.S. change?
- Yes, commercial swordfish fishing activity on the U.S. West Coast should increase.
 - No, commercial swordfish fishing on the U.S. West Coast should stay the same or decrease.

In a few words, please explain why you answered “Yes” or “No”

8. Are you concerned that changing environmental conditions (weather, local target or protected species abundance, etc.) will affect the operation of the West Coast Swordfish Fishery or the related fishing community?
- Yes, environmental change will affect the operation of the West Coast Swordfish Fishery.
 - No, environmental change will have no effect.

If yes, in a few words, what are some impacts that you expect?

Section 9: Continued

9. If the Pacific Fishery Management Council amended the Highly Migratory Species Fishery Management Plan to authorize shallow or deep-set longline fishing within the West Coast Exclusive Economic Zone to target swordfish, would you potentially be interested in participating?

Yes, I would potentially be interested to participate in a West Coast Shallow-set Longline Swordfish Fishery.

No, I would not be interested to participate.

Explain in a few words why or why not.

The next group of questions are intended to help capture the impacts of the COVID-19 pandemic response on fisheries.

10. How have you changed your fishing activities due to COVID-19?

11. What are the main reasons you made those changes?

12. By how much did your total annual fishing costs change in 202X-2Y and/or 202Y-2Z due to COVID-19?

\$____.00

13. By how much did your total annual fishing revenue change in 202X-2Y and/or 202Y-2Z due to COVID-19?

\$____.00

14. Did you substantially change your fishing activities in 202X-2Y and/or 202Y-2Z? (Please check each that applies)

No, not in either year Yes in 202X-2Y Yes in 202Y-2Z

If YES in 202X-2Y, please answer the following questions.

14a. How did you change your fishing activities in **202X-2Y**?

14b. What were the main reasons you made those changes in **202X-2Y**?

Section 9: Continued

14c .By how much did each of the following increase or decrease for your vessel(s) in **202X-2Y** due to those changes? (Please enter "0" if there was no change)

Landings decreased by _____% OR increased by _____% in 202X-2Y

Fishing revenues decreased by _____% OR increased by _____% in 202X-2Y

Total operating costs decreased by _____% OR increased by _____% in 202X-2Y

Crew size decreased by _____% OR increased by _____% in 202X-2Y

If **YES** in **202Y-2Z**, please answer the following questions.

14d. How did you change your fishing activities in **202Y-2Z**?

14e. What were the main reasons you made those changes in **202Y-2Z**?

14f. By how much did each of the following increase or decrease for your vessel(s) in **202Y-2Z** due to those changes? (Please enter "0" if there was no change)

Landings decreased by _____% OR increased by _____% in 202Y-2Z

Fishing revenues decreased by _____% OR increased by _____% in 202Y-2Z

Total operating costs decreased by _____% OR increased by _____% in 202Y-2Z

Crew size decreased by _____% OR increased by _____% in 202Y-2Z

Section 9: Continued

15. Did you substantially change your **non-fishing activities** in 202X-2Y and/or 202Y-2Z? (Please check each that applies) No, not in either year Yes in 202X-2Y Yes in 202Y-2Z

If YES in 202X-2Y, please answer the following questions.

15a. How did you change your **non-fishing activities** in **202X-2Y**?

15b. What were the main reasons you made those changes in **202X-2Y**?

If YES, in 202Y-2Z, please answer the following questions.

15c. How did you change your **non-fishing activities** in **202Y-2Z**?

15d. What were the main reasons you made those changes in **202Y-2Z**?

The Southwest Fisheries Science Center (SWFSC) is collecting this economic information to improve its ability to conduct the analyses required by the Magnuson-Stevens Fishery Conservation and Management Act (MSA) and other applicable law. The SWFSC and the Pacific Fishery Management Council will use this information to monitor, explain and predict changes in the economic performance and impacts of the West Coast Swordfish Fishery. Among other things, this will enable fisheries managers and the public to more fully consider the economic effects of proposed and existing regulations for this important fishery.

A Federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with an information collection subject to the requirements of the Paperwork Reduction Act of 1995 unless the information collection has a currently valid OMB Control Number. The approved OMB Control Number for this information collection is 0648-0773 and its expiration date is XX/XX/2028. Without this approval, we could not conduct this information collection. Public reporting for this information collection is estimated to be approximately 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information collection. All responses to this information collection are voluntary. Send comments regarding this burden estimate or any other suggestions for reducing this burden to Dr. Stephen Stohs, NMFS SWFSC, 8901 La Jolla Shores Drive, La Jolla, CA 92037-1508, Stephen.Stohs@noaa.gov.

We appreciate the confidential nature of the data being collected by this survey. The SWFSC will handle individual survey data as confidential business information and a form of protected personal information and will maintain the confidentiality of the information consistent with legal authorities available to it, including but not limited to the Privacy Act (5 U.S.C. Section 552a) and the Trade Secrets Act (18 U.S.C. Section 1905). The SWFSC will protect individual survey data from public disclosure to the extent permitted by law and it has instituted procedures to provide that protection.