

WEST COAST SWORDFISH FISHERY ANNUAL COST and EARNINGS SURVEY
2018-19 & 2019-20 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?	2018-2019 <input type="checkbox"/> Yes <input type="checkbox"/> No 2018-2019 % of time:	2019-2020 <input type="checkbox"/> Yes <input type="checkbox"/> No 2019-2020 % 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 replacement 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	2018-2019 \$ _____	2019-2020 \$ _____
17	Capital Construction Fund (CCF) contributions	2018-2019 \$ _____	2019-2020 \$ _____
18	Total Insurance cost: (vessel, liability, and health combined)	2018-2019 \$ _____	2019-2020 \$ _____
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	2018-2019 \$ _____	2019-2020 \$ _____
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	2018-2019 \$ _____	2019-2020 \$ _____
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)	2018-2019	2019-2020
	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

		2018-2019 ↓	2019-2020 ↓
26	Annual mooring or slip / berthing fees (if charged separately)	\$	\$
27	Shipping costs	\$	\$
28	Annual fuel and oil costs If Total:	\$	\$
a)	Fuel If Separate:	\$	\$
b)	Oil If Separate:	\$	\$
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

2018-2019 ↓ 2019-2020 ↓

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 2018-2019 and 2019-2020 and Targeted species:		
	In 2018-2019 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 2019-2020 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 equipment costs	2018-2019 \$	2019-2020 \$
d)	Drift net maintenance & repair cost	2018-2019 \$	2019-2020 \$
e)	Lost gear, depredation, other costs, Please Specify:	2018-2019 \$	2019-2020 \$
8	Total Catch & Revenue Drift Gillnet Fishery	2018-2019 CATCH (Specify Units)	2018-2019 REVENUE
		2019-2020 CATCH (Specify Units)	2019-2020 REVENUE
a)	Swordfish		\$
b)	Shark		\$
c)	Tuna		\$
d)	Other (list)		\$

Section 3: Questions for Harpoon Fishery Participants Only

2018-2019 ↓

2019-2020 ↓

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	2018-2019 %	2019-2020 %		
6	How many harpooning trips did you fish other gear?	2018-2019	2019-2020		
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	2018-2019 CATCH Specify Units (#, lbs, or both)	2018-2019 REVENUE	2019-2020 CATCH Specify Units (#, lbs, or both)	2019-2020 REVENUE
a)	Swordfish		\$		\$
b)	Shark		\$		\$
c)	Tuna (Specify _____)		\$		\$
d)	Other (please list):		\$		\$

Section 4: Questions for Longline Participants Only

2018-2019 ↓

2019-2020 ↓

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	2018-2019 CATCH (Specify Units)	2018-2019 REVENUE
		2019-2020 CATCH (Specify Units)	2019-2020 REVENUE
a)	Swordfish	\$	\$
b)	Shark	\$	\$
c)	Tuna	\$	\$
d)	Other (list)	\$	\$

Section 5: Questions for Deep Set Buoy Gear Participants Only

2018-2019 ↓

2019-2020 ↓

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	2018-2019 CATCH (Specify Units)	2018-2019 REVENUE
			2019-2020 CATCH (Specify Units)
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)	2018-2019 \$	2019-2020 \$		
	Total Annual Cost (book keeping and tax preparation)	2018-2019 \$	2019-2020 \$		
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)	2018-2019 \$	2019-2020 \$		
c)	Maintenance	2018-2019 \$	2019-2020 \$		
d)	Parts (tires, brakes, engine, etc.)	2018-2019 \$	2019-2020 \$		
f)	Transit of the plane to/from fishing grounds	2018-2019 \$	2019-2020 \$		
g)	Equipment (GPS, binoculars, software, etc.)	2018-2019 \$	2019-2020 \$		
20	Total Flight Days and Hrs Spotting:	2018-2019		2019-2020	
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	2018-2019	2018-2019	2019-2020	2019-2020
		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: \$		
		2018-2019	2019-2020
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	Why did you leave the Swordfish fishery (please briefly describe)? Economics? <input type="checkbox"/> Yes <input type="checkbox"/> No Regulations? <input type="checkbox"/> Yes <input type="checkbox"/> No Other? <input type="checkbox"/> Yes <input type="checkbox"/> No	

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.

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