Estimated 9 smelt per pound

V2, 12-17-2010

	Assn ‡	SAMPLER NA	ME		CRFS	SAS	SIGN	MEN	TSUN	/MARY	FOR	M							
	Ù	1.6		-	SAMPL	ER ID		DAT	Ε	ASS	SN ID	ASSN	MODE	CL	USTER	HOU	RS		
	1	hristen	Dune	am	220	ì	201	108	20	084		B	B	S	FOA	1.5	TR	AVEL	
		The Sur	f Sr	nel	+ av	1	10	. (suells	0.0hr = 58- 0.1hr = 4-9	3 mins mins		1	ASSN	N DISP	5.	a SA	MPLIN	IG
	Ä	Beach V	nad	C_{λ}	to	0	of f)eo	2 Le	0.2hr = 10- 0.3 hr = 16		$\overline{}$	NA	MILE	AGE	0	ED	IT	
	COMMENT	throwing	out	H	wir	C	ast	n	e+5	0.4hr = 22- 0.5hr = 28-			Q)	EXPE	ENSES				
	응	throwing for sme	H, I	+5	Clo	udq	ah	0		0.6hr = 34- 0.7hr = 40-									
		little Chilly	but	- th	e b	enc	hes i	a evt	busi	0.8hr = 46- 0.9hr = 52-	51 mins								
	Ass	ignment dispositions	s: 1=Com	plete, 2	2=Reass	igned,	6=Canc	elled	M	MPR2	ANG	FORM	COUNT	S/PR	BOATS		EFFO	RT	
	X	Edited. By:	-	1	11/6	5			CLU	IS ONLY	Status 1-2 or CRFS BOATS) or	SPE	CIAL F	ISHERY	ESTIMATED	2 E		
Ī	1	SITE NAME / COM	MACHT				TIME	=	START	STOP	hus 1-2 FS BC	STATUS 0 or	В	С			7 F	BOATS	
45		SITE NAME / COM	AllAICIAI			1			ST.	<u>8 % 8</u>	Stal	ST/	Ь	<u> </u>		ES	AN ES		_
		Ban Mateo		CNTY	• 1	ARRV	1343									N			ММ
	1	State B	encles		203	STRT		E		EFFORT	25					35			BB
				DISPO		STOP	1011	_		/I ☐ PR2	<u> </u>					N	٨	-	PC
13			£1)		5.5	DEPR	T.E.	5 P					-			~			PR MM
		Princeton	Hurbon	CNTY	0 (ARRV STRT	1928	β M E		-EFFORT						N			BB
	2	300441		DISPO	A 14	STOP				LITORI ⁄I ∏PR2						1			PC
,				HRS	0.3		194			///\Z								$\stackrel{\scriptscriptstyle \vee}{+}$	PR
35				CNTY	0.3	ARRV	, , ,	<u> </u>	-							1			мм
13				SITE		STRT		-		EFFORT							-///		вв
	3			DISPO		STOP		P	с□мм	⁄I ∏PR2						+			PC
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		<u> </u>		HRS	<u> </u>	DEPR	T	Р	K	<u> </u>	 	<u> </u>	I		//	1		F	PR
				1125	10112		100/-											<u> </u>	
	CRI BOA		BOATS A	_	KING KEP	СОНО Т	KING RELEA	COHO ASED	TAG COUNT	SEAL TAKE	OBS U	NOBS Y	OBS RFC		ASKED DC	WITH	ON MISSI	OFF EDBTS	_

CNTY	BB PC
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HRS DEPR PR	
	PR
	MM
SITE STRT BB \(\times\)-EFFORT	ВВ
B DISPO STOP PC MM PR2	PC
HRS DEPR PR	PR
CNTY ARRV MM	мм
SITE STRT BB \(\times\)-EFFORT	ВВ
DISPO STOP PC MM PR2	PC
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DISPO STOP PC MM PR2	PC
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CNTY ARRV MM	MM
SITE STRT BB \(\times\)-EFFORT	ВВ
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CNTY ARRV MM SITE STRT BB \(\times\)-EFFORT DISPO STOP PC \(\times\) MM \(\times\) PR2	

	SPECIAL I	FISHER	RY CODE	<u>B</u> onus	MM or PR	2, CPFV <u>C</u>	rew, <u>T</u> ou	rname	nt, PR	<u>P</u> rivate	Access, <u>L</u> o	bster on	ly, <u>D</u> =0	Crab on	ly		Pg#		of # [
Since	1	//M Ano ipped	glers *	Since	B. Jast intervie	MM Angle started fis		*	Since		C. # PR2 TR Launch	ned	Since		D.* No Fishing 2 boat	TR	eJast PR		lissed	 ГR
l	1.Assignm	ent No	* 2	2	7 2.	Sampler		Intercept			B1.				boat an t Boat A	gler. Ingler ONI	<u>-Y)</u>			
0	82	0	3. Month/D	ay				Inter			B2. # Ang	lers in	boat				*PR Tra a? 1=Ye			
	\	4. Inte	rview #					*					epartı day red						B5.* Deprt.	Date
1	5 5	7	5. Time in	terviev	v started (24 Hr:Mir	1)	*			stance ny shore?		mi. Cod e than 3		nd ->		B7. <	:=3 mi	. CA Is	and
	8 1	- [20	3	7. Cnty-	Site Code)	*							E	88. CPFV	_ ' - DFG	Boat	Numbe	r
	Site Name nterview at site	S	an M	u tec	Stu	te Ber	che!	5	B9. C	PFV B	oat Name	:								
5	9. Mode:	1=Pier/E Structure	ock, 2=Jetty/	Breakwa ank, 6 =F	ater, 3=Bridg Party Boat (p	e/Causeway er head),				L1. B0	DATS: Asl	ked Fis	shing L	ocatio	n? 1=Y	es, 0 =No, 3	3=Same	as Firs	t	
1	10. Status:		t-change-only -key refusal	form,	1=Complet									Location(s)					ottom	
0	# of Initial Refusals		# Language Barriers	0	# of Key Refusals	in the	e must be mode of g above							L2. Loc					th(s) eet]	
0	E1. Fishing Bay or I		rea: Ocean S.F. Bay, M		n bay), R iv	er,		Effort		2	ormat: 9=Refuse				L	6. Depth	finder u	- ised?		
1	E2.Gear: 1=l Lob/Crab: Fla	nt#, Rigid	#, Pots#, sna				nd		3=Deg		ins'+grid size ins' secs" arees°	•		•						
	0 1	E3. W	nico let Gear ho	ours fis	shing in <u>aı</u>	ove mod	<u>e</u> ?		5=CDF	G Block	:-Box <+grid o, B-b-b-b, B									
	0		HORE trip			•			ΙΑ Δ	naler a	ave location	n uein	a: F	 ∏Cha		eck all that ap		Bite r	ama	
0	Table and page 1 miles and 1 m	A CALL DE LA CALL DE L						Species	Fishir	ng Site		JII USIII	a.	المالة	" Ш	01 0/201	an L_	Pile i	iaiiic	
n	man was a same of the same of	PROFILE AND ADDRESS OF THE PARTY OF THE PART		In y				Target Sp			catch fror	n this le	ocation	n?1=Ye	es, 0 =No	o, then ✓ 1	fish from	Locat	ion on b	ack
=Sar	ne as first boa	<u> </u>	0 = Ar	ything		Bottomfish							0014	<u>//=8</u>	lo catch					_
0	F2. Report catch (<u>for tl</u> 1=Yes, 0=No	nis angl			\bigcup If y	F3. Exam res, code res, 0=No						THIS F		utors			1		R FORM	
8	MA		SIDENCE	? CA C			on't know,	, get c			A6-7. Not o					days hav	/e you (gone s	saltwate	;r
9	40	6	A2. Z 9=Refus 8=DK (s		e?				· —		3	Ô	A6ir Month	n last 1 ns?	12		5	A7 Mont	in last 2 hs?	
1	A3. License reduced fee),		0=None, 1=	Annual	(res., non-r	es., life, free	, <u>NM</u>	IFS E	CONC	OMIC S	SURVEY: I	Vame,	Addre	ess, e-	-mail, te	elephone	(R=ref	usal)		
*		,	-	ys						7	<									

*Disposition **ANGLER FORM - CREEL SURVEY** Location TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) * No. of Fish *Species Common Name Sex TYPE 3 EXAMINED CATCH Fish ✓ GROUP Catch *Species * No. of Fish Fork Len. (mm) Weight (kg) * What did you do or plan to do with the majority of the fish? (key question)

1=Thrown back alive (type 2)

3=Eat (fillets) 4=Bait

5=Give away 6=Throw back dead 8=Don't know (type 3) 9=Refused (type 3)

7=Some other purpose, specify under common name.

Fsex M=Male F=Female T=Transitional ✓=Catch at Location

Privacy Act: Participation in this survey is voluntary. The survey is being conducted in accordance with the Privacy Act. * = Key item (needed for estimations). The interview is not valid if response to any key item is missing. Pg# SPECIAL FISHERY CODE Bonus MM or PR2, CPFV Crew, Tournament, PR Private Access, Lobster only, D=Crab only A.* MM Anglers B. MM Anglers that C. # PR2 Boats D.* Non-E.* Missed TR TR Launched skipped started fishing Fishing TR Since last interview_ Since Jast interview Since last PR2 boat Since Jast PR2 boat___ Since last PR2 boat B1. Interview # of first boat angler. 1.Assignment No 2. Sampler Intercept (B2-B11 - First Boat Angler ONLY) B3.*PR Trailer in Count 8 3. Month/Day B2. # Anglers in boat D Area? 1=Yes, 0=No, K=kayak **B4.** Departure Time? B5 * 4. Interview # if prior day record date --> Deprt. Date B6. Distance 1 <= 3 mi. Code if island -> Time interview started (24 Hr:Min) B7. <=3 mi. CA Island from any shore? 2 more than 3 mi. Я Cnty-Site Code B8. CPFV - DFG Boat Number 8. Site Name B9. CPFV Boat Name: First interview at site 1=Pier/Dock, 2=Jetty/Breakwater, 3=Bridge/Causeway, 4=Other L1. BOATS: Asked Fishing Location? 1=Yes, 0=No, 3=Same as First 9. Mode: Structure, 5=Beach/Bank, 6=Party Boat (per head), 7=Charter Boat (group paid), 8=Private/Rental boat Location(s) 0=Effort-change-only form, 1=Complete, 10. Status: L5. Bottom 2 =Non-key refusal Depth(s) < These must be # of Initial # Language # of Key [feet] in the mode of \mathcal{O} Refusals Barriers Refusals Ŋ fishing above E1. Fishing Effort Area: Ocean (or open bay), River, L3. Format: L6. Depthfinder used? Bay or harbor, S.F. Bay, Mexico 8=DK 9=Refuse 1=Degrees° mins'+grid size E2.Gear: 1=Hook & line 2=Dip net 3=Cast net 8=Spear 9=Hand 3=Degrees° mins' secs" Lob/Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tank 4=Decimal, degrees° 5=CDFG Block-Box <+grid size> E3. Wet Gear hours fishing in above mode? B, B-b, B-b-b, B-b-b, B-b+g E4. SHORE trip add'nl hours. 0=Complete Check all that apply Trip must be 1/2 done. 50% of all interviews must be "complete". L4. Angler gave location using: Chart GPS/Loran Bite name Fishing Site Name 0 [Record code(s) at L2]: An<u>u</u> L7. All catch from this location?1=Yes, 0=No, then ✓ fish from Location on back. 8=No catch F=Same as first boat angler 1 = Bottomfish ON THIS FORM ON OTHER FORM F2. Reported or unavailable * F3. Examined catch? catch (for this angler only)? If yes, code F4-5 >> *F4. # of contributors * F5. Interview ### 1=Yes, 0=No 1=Yes, 0=No A1.RESIDENCE? CA County, State, Country(don't know, get city) A6-7. Not counting today, how many days have you gone saltwater Α sport fin-fishing in CALIFORNIA... Μ A2. Zip code? A6...in last 12 A7...in last 2 0 9=Refused Months? Months? 8=DK (get_city) NMFS ECONOMIC SURVEY: Name, Address, e-mail, telephone (R=refusal) A3. License Type: 0=None, 1=Annual (res., non-res., life, free, reduced fee), 3=Daily, record days R A4. Daily License # Days Codes: 0=No 1=Yes 99...8 = Don't know (DK)

blank> = Not Applicable 99...9 = Refused (RE) Correct Number Format: 123456789

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⁶⁼Throw back dead

		SPEC	IAL F	ISHE	RY C	ODE	<u>B</u> (onus M	1M or	PR2,	CPFV	/ <u>C</u> rew,]	ournam	ent, Pf	R <u>P</u> riva	ite Ad	ccess	, <u>L</u> ob	ster	only,	<u>D</u> =C	rab on	ly			Pg#		of#	
Sino	æ la:		ski	MM Ar			Si	nceJa		S	tarted	glers that	ľ	_ Since	e last.	TI	R La	R2 E unch			nceJ	ast.P.R		lon- ng TR	Since			Missed	TR
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		8	}	-	2	0	,	3	'. Cr	nty-S	Site Co	ode	•	· 										B8. C	CPFV -	DFG	Boa	it Numb	er
		te Na erview	ame at site										4	B9.	CPF\	/ Во	at N	ame:											_
E	5 9	9. M	ode:	Struct	ıre, 5 =	3each	Bank	, 6= Pa	rty Bo	at (pe	/Cause r head) ntal boa		her		L1.	ВО	ATS	: Ask	ed	Fishi	ng L	ocatio	on? 1	=Yes, 0	=No, 3=	Same	as Fi	rst	
١	<u> </u>	10. S	tatus:	0=Eff				rm, 1	=Corr	plete												Location(s)					1	Bottom	1
С		of Ini Refusa		0	# La Barri	nguage ers	•		of Ke Refusa		in f	nese must the mode thing abov	of		_							L2. Lo					I	[feet]	
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				e Typ , 3=Da		one,	1=An		es., n	on-re	s., life,	free,	NMFS R		<u>IMOV</u>	<u>c si</u>	URV	EY: /	Varr	ie, A	<u>ddr</u>	ess, e	e-mail	, telep	hone (R=ref	usal)	
			A4. [Daily I.	icens	e # [)ays						-																

*Disposition **ANGLER FORM - CREEL SURVEY** TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) *Species * No. of Fish Common Name Surf Smelt S Fish Sex TYPE 3 EXAMINED CATCH ✓ GROUP Catch *Species * No. of Fish Fork Len. (mm) Weight (kg) D * What did you do or plan to do with the majority of the fish? (key question)

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skij Unterview Assignme Status:	4. Inter 1=Pier/D Structure 7=Charte 0=Effort	* 2 3. Month/Daview # 5. Time into a cock, 2=Jetty/B, 5=Beach/Bar r Boat (group	ay erview s 3 7	stinterview 2. Sa started (24 7. Cnty-Sider, 3=Bridge/Crty Boat (per	ampler 4 Hr:Min)			B6. Di	B1. # An	Intervie	ew # of B2-B11 boat Departu day red mi. Code	ast PR2 f first b - First re Timord date e if islan	e?	TR Since gler. ngler ONLY B3.*F	ast PR2 PR Trai 1=Yes, B7. <=	ler in Cour 0=No, K=k B5.* Depr 3 mi. CA	nt ntayak t. Date
Assignme 2 4 1 Name Name view at site Mode:	4. Inter 1=Pier/D Structure 7=Charte 0=Effort	S. Month/Daview # S. Time into Cock, 2=Jetty/B S=Beach/Ba r Boat (group	ay erview s 3 7	started (247. Cnty-Sider, 3=Bridge/Crty Boat (per	ampler 4 Hr:Min) ite Code			B6. Di	B1. # An	Intervie	ew # of B2-B11 boat Departu day red mi. Code	f first b - First re Tim ord date	e?	gler. ngler ONL V B3.*F Area	PR Trai ? 1=Yes, B7. <=	ler in Cour 0=No, K=k B5.* Depr 3 mi. CA	nt layak t. Date
F 2 H Name view at site Mode: D. Status:	4. Inter 1=Pier/D Structure 7=Charte 0=Effort	S. Month/Daview # S. Time into Cock, 2=Jetty/B S=Beach/Ba r Boat (group	erview s	started (24 7. Cnty-Sider, 3=Bridge/Crty Boat (per	4 Hr:Min) ite Code	Intercept		B6. Di	stance ny shore	glers in B4. D if prior 1 <=3: ? 2 more	boat Departu day rec mi. Code	re Tim ord date	e? > d ->	B3.*F Area	PR Trai ? 1=Yes, B7. <=	0=No, K=k B5.* Depr 3 mi. CA	nt rayak t. Date
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8 Name view at site Mode: D. Status:	1=Pier/D Structure 7=Charte 0=Effort	Dock, 2=Jetty/B, 5=Beach/Ba r Boat (group	3 7 Breakwate	7. Cnty-Sid	ite Code	*		from a	ny shore	if prior 1 <=3; 2 more	day rec	ord date e if islar	d ->	8. CPFV -		Depr	t. Date
e Name view at site Mode:	1=Pier/D Structure 7=Charte 0=Effort	Dock, 2=Jetty/B , 5=Beach/Ba r Boat (group	3 7 Breakwate	7. Cnty-Sid	ite Code	*		from a	ny shore	1 <= 3 ! ? 2 more	mi. Code	e if islar	id ->	8. CPFV -		3 mi. CA	Island
e Name view at site Mode:	Structure 7=Charte 0=Effort	ock, 2=Jetty/B , 5=Beach/Ba r Boat (group	Breakwate	er, 3=Bridge/C		*	B9. C	PFV B	oat Nam	e:			В	8. CPFV -	DFG E	Boat Numb	per
Mode: O. Status:	Structure 7=Charte 0=Effort	, 5 =Beach/Ba r Boat (group	nk, 6 =Par	rty Boat (per		*	B9. C	PFV B	oat Nam	e:							
Mode:	Structure 7=Charte 0=Effort	, 5 =Beach/Ba r Boat (group	nk, 6 =Par	rty Boat (per	 Causeway, 4=Othe												
J. Status: I		change-only		=Private/Rent	head),	er		L1. B0	DATS: As	ked Fis	shing Lo	ocation	າ? 1=Ye	es, 0=No, 3=	Same a	s First	<u> </u>
of Initial		key refusal	form, 1=	=Complete,								Location(s)			ı	_5. Bottom	
efusals	()	Language arriers		of Key Refusals	< These must b in the mode of fishing above	-						L2. Log				Depth(s) [feet]	
-		,		bay), R iver		Effort							Le	6. Depthfii	nder us	ed?	
					ar 9=Hand		3=Deg	rees° m	ins' secs"	ze		L					
0	E3. W	et Gear ho	urs fishi	ing in <u>abo</u>	<u>ve mode</u> ?		5=CDF	G Block	-Box <+gri								
	E4. SI	HORE trip a	add'nl h	ours. 0=0	Complete								Che	ck all that apply	/		
U	Trip mus	t be 1/2 done. 5	0% of all int	terviews must b	e "complete".	S				ion usin	g:	Char	t 🔲	GPS/Lora	n 📑	Site name	`
1 S	U	Z S	iur f	Sm	elt	Specie		•									
			Any			Target		L7. All	catch fro	m this lo	ocation	?1=Ye 8=No	s, 0=No catch	, then ✓ fis	h from l	ocation on	ı back.
	_ <u> </u>		ything フ			atch?			. / ON	THIS F	ORM	Г			ON OT	HER FOR	
atch (<u>for th</u>			L	If yes	s, code F4-5 >				//			itors					i i
	A1.RE	SIDENCE?	CA Cou			w, get ci								days have	you go	one saltwa	ater <u>a</u>
50	1	2 9=Refuse	ed	?					10	/ 1/			2	1			
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2.bb / \frac{1}{2} = \frac{1}{	Bay or had Gear: 1=H of Crab: Flat of Crab:	Bay or harbor, S Gear: 1=Hook & lin //Crab: Flat#, Rigid# E3. W E4. Sh Trip mus s first boat angler Reported or ur tch (for this angle /es, 0=No License Type: 0 uced fee), 3=Daily, A4. Daily Lice	Bay or harbor, S.F. Bay, M. Gear: 1=Hook & line 2=Dip net //Crab: Flat#, Rigid#, Pots#, sna E3. Wet Gear ho E4. SHORE trip Trip must be 1/2 done. 5 S	Bay or harbor, S.F. Bay, Mexico Gear: 1=Hook & line 2=Dip net 3=Cast Crab: Flat#, Rigid#, Pots#, snarE, sCub E3. Wet Gear hours fish E4. SHORE trip add'nl h Trip must be 1/2 done. 50% of all in A S U S S Flat# Reported or unavailable tch (for this angler only)? Yes, 0=No A1.RESIDENCE? CA Cou A2. Zip code 9=Refused 8=DK (get city) License Type: 0=None, 1=Annual (ruced fee), 3=Daily, record days A4. Daily License # Days	Bay or harbor, S.F. Bay, Mexico Gear: 1=Hook & line 2=Dip net 3=Cast net 8=Spear Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tank E3. 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Zip code? 9=Refused 8=DK (get city) License Type: 0=None, 1=Annual (res., non-res., life, free, ucced fee), 3=Daily, record days A4. Daily License # Days	Fishing Effort Area: Ocean (or open bay), River, Bay or harbor, S.F. Bay, Mexico Gear: 1=Hook & line 2=Dip net 3=Cast net 8=Spear 9=Hand O/Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tank E3. Wet Gear hours fishing in above mode? E4. SHORE trip add'nl hours. 0=Complete Trip must be 1/2 done. 50% of all interviews must be "complete". A S U R Sylvania Signature of the complete	Eshing Effort Area: Ocean (or open bay). River, Bay or harbor, S.F. Bay, Mexico Gear: 1=Hook & line 2=Dip net 3=Cast net 8=Spear 9=Hand process of the proc	Fishing Effort Area: Ocean (or open bay). River, Bay or harbor, S.F. Bay, Mexico Gear: 1=Hook & line 2=Dip net 3=Cast net 8=Spear 9=Hand of/Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tank E3. Wet Gear hours fishing in above mode? E4. 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70 lbs

*Disposition **ANGLER FORM - CREEL SURVEY** Location TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) *Species * No. of Fish Common Name Fish Sex TYPE 3 EXAMINED CATCH Weight (kg) ✓ GROUP Catch *Species * No. of Fish Fork Len. (mm) M Surf smelt b H * What did you do or plan to do with the majority of the fish? (key question) Fsex M=Male F=Female

3=Eat (fillets) 4=Bait

5=Give away 6=Throw back dead 8=Don't know (type 3) 9=Refused (type 3)

T=Transitional ✓=Catch at Location

¹⁼Thrown back alive (type 2)

Eligibility: Completed saltwater sportfishing trip in US waters for finfish, crabs or lobster (exceptions: Mexico, finfish bycatch, shore 50%) Privacy Act: Participation in this survey is voluntary. The survey is being conducted in accordance with the Privacy Act.

Privacy Act: Participation in this survey is voluntary. The survey is being conducted in accordance with the Privacy Act. * = Key item (needed for estimations). The interview is not valid if response to any key item is missing. SPECIAL FISHERY CODE Bonus MM or PR2, CPFV Crew, Tournament, PR Private Access, Lobster only, D=Crab only B. MM Anglers that C. # PR2 Boats D.* Non-A.* MM Anglers E.* Missed TR TR Launched skipped started fishing Fishing TR Since last interview Since last interview Since Jast PR2 boat Since Jast PR2 boat B1. Interview # of first boat angler. 1.Assignment No 2. Sampler (B2-B11 - First Boat Angler ONLY) B3.*PR Trailer in Count 3. Month/Day B2. # Anglers in boat B 8 O Area? 1=Yes, 0=No, K=kayak B5.* **B4. Departure Time?** 4. Interview # if prior day record date --> Deprt. Date B6. Distance 1 <= 3 mi. Code if island -> B7. <=3 mi. CA Island Time interview started (24 Hr:Min) from any shore? 2 more than 3 mi. B8. CPFV - DFG Boat Number 8 Cnty-Site Code 0 8. Site Name B9. CPFV Boat Name: First interview at site 1=Pier/Dock, 2=Jetty/Breakwater, 3=Bridge/Causeway, 4=Other L1. BOATS: Asked Fishing Location? 1=Yes, 0=No, 3=Same as First 9. Mode: Structure, 5=Beach/Bank, 6=Party Boat (per head), 7=Charter Boat (group paid), 8=Private/Rental boat Location(s) 0=Effort-change-only form, 1=Complete, 10. Status: L5. Bottom 2 =Non-key refusal Depth(s) < These must be # of Initial # Language # of Key [feet] in the mode of Refusals Barriers Refusals ď fishing above E1. Fishing Effort Area: Ocean (or open bay), River, L3. Format: L6. Depthfinder used? Bay or harbor, S.F. Bay, Mexico 8=DK 9=Refuse 1=Degrees° mins'+grid size E2.Gear: 1=Hook & line 2=Dip net 3=Cast net 8=Spear 9=Hand 3=Degrees° mins' secs" Lob/Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tank 4=Decimal. degrees° 5=CDFG Block-Box <+grid size> E3. Wet Gear hours fishing in above mode? B, B-b, B-b-b, B-b-b, B-b+g E4. SHORE trip add'nl hours. 0=Complete Trip must be 1/2 done. 50% of all interviews must be "complete". L4. Angler gave location using: Chart GPS/Loran Bite name Fishing Site Name S U R M S [Record code(s) at L2]: Surf Smelt arget L7. All catch from this location? 1=Yes, 0=No, then ✓ fish from Location on back. O 8=No catch F=Same as first boat angler 0 = Anything 1 = Bottomfish ON OTHER FORM F2. Reported or unavailable ON THIS FORM * F3. Examined catch? catch (for this angler only)? *F4. # of contributors * F5. Interview ### If yes, code F4-5 >> 1=Yes, 0=No 1=Yes, 0=No A1.RESIDENCE? CA County, State, Country(don't know, get city) A6-7. Not counting today, how many days have you gone saltwater S sport fin-fishing in CALIFORNIA... A2. Zip code? A6...in last 12 A7...in last 2 S 9=Refused Months? Months? 8=DK (get city) NMFS ECONOMIC SURVEY: Name, Address, e-mail, telephone (R=refusal) A3. License Type: 0=None, 1=Annual (res., non-res., life, free, reduced fee), 3=Daily, record days A4. Daily License # Days 0=No 1=Yes Codes: 99...8 = Don't know (DK)

blank> = Not Applicable 99...9 = Refused (RE) Correct Number Format: 123456789

*Disposition **ANGLER FORM - CREEL SURVEY** TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) * No. of Fish *Species Common Name Fish Sex TYPE 3 EXAMINED CATCH ✓ GROUP Catch *Species * No. of Fish Fork Len. (mm) Weight (kg) D L * What did you do or plan to do with the majority of the fish? (key question)

3=Eat (fillets) 4=Bait 8=Don't know (type 3) 9=Refused (type 3)

¹⁼Thrown back alive (type 2)

⁵⁼Give away 6=Throw back dead

Privacy Act: Participation in this survey is voluntary. The survey is being conducted in accordance with the Privacy Act. * = Key item (needed for estimations). The interview is not valid if response to any key item is missing. Pg# SPECIAL FISHERY CODE Bonus MM or PR2, CPFV Crew, Tournament, PR Private Access, Lobster only, D=Crab only A.* MM Anglers B. MM Anglers that C. # PR2 Boats D.* Non-E.* Missed TR skipped started fishing TR Launched Fishing TR Since last interview. Since Jast interview Since last PR2 boat Since Jast PR2 boat Since last PR2 boat B1. Interview # of first boat angler. Assignment No 2. Sampler (B2-B11 - First Boat Angler ONLY) B3.*PR Trailer in Count 3. Month/Day B2. # Anglers in boat 8 0 2 O Area? 1=Yes, 0=No, K=kayak B4. Departure Time? B5.* Interview # if prior day record date --> Deprt. Date **B6.** Distance 1 <= 3 mi. Code if island -> 5. Time interview started (24 Hr:Min) B7. <=3 mi. CA Island from any shore? 2 more than 3 mi. 7. Cnty-Site Code B8. CPFV - DFG Boat Number 8 2 0 8. Site Name B9. CPFV Boat Name: First interview at site 1=Pier/Dock, 2=Jetty/Breakwater, 3=Bridge/Causeway, 4=Other 9. Mode: L1. BOATS: Asked Fishing Location? 1=Yes, 0=No, 3=Same as First Structure, 5=Beach/Bank, 6=Party Boat (per head), 7=Charter Boat (group paid), 8=Private/Rental boat 0=Effort-change-only form, 1=Complete, Location(s) 10. Status: L5. Bottom 2 =Non-key refusal Depth(s) < These must be # of Initial # Language # of Key [feet] in the mode of 0 Refusals Barriers Refusals 4 fishing above E1. Fishing Effort Area: Ocean (or open bay), River, L3. Format: L6. Depthfinder used? Bay or harbor, S.F. Bay, Mexico 8=DK 9=Refuse 1=Degrees° mins'+grid size E2.Gear: 1=Hook & line 2=Dip net 3=Cast net 8=Spear 9=Hand 3=Degrees° mins' secs" Lob/Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tank 4=Decimal. degrees° 5=CDFG Block-Box <+grid size> E3. Wet Gear hours fishing in above mode? 6 B, B-b, B-b-b, B-b-b, B-b+g E4. SHORE trip add'nl hours. 0=Complete Check all that apply Trip must be 1/2 done. 50% of all interviews must be "complete". L4. Angler gave location using: Chart GPS/Loran Bite name Fishing Site Name M 12 U [Record code(s) at L2]; Surf Smelt 0 L7. All catch from this location?1=Yes, 0=No, then ✓ fish from Location on back. 8=No catch F=Same as first boat angler 0 = Anything 1 = Bottomfish F2. Reported or unavailable * F3. Examined catch? ON THIS FORM ON OTHER FORM catch (for this angler only)? If yes, code F4-5 >> *F4. # of contributors F5. Interview ### 1=Yes, 0=No 1=Yes, 0=No A1.RESIDENCE? CA County, State, Country(don't know, get city) A6-7. Not counting today, how many days have you gone saltwater S sport fin-fishing in CALIFORNIA... A2. Zip code? A6...in last 12 A7...in last 2 0 9=Refused Months? Months? 8=DK (get city) A3. License Type: 0=None, 1=Annual (res., non-res., life, free, NMFS ECONOMIC SURVEY: Name, Address, e-mail, telephone (R=refusal) reduced fee), 3=Daily, record days A4. Daily License # Days Codes: 0=No 1=Yes 99...8 = Don't know (DK)

slank> = Not Applicable 99...9 = Refused (RE) Correct Number Format: 123456789

ANGLER FORM - CREEL SURVEY Location TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) *Species * No. of Fish Common Name Fish Sex TYPE 3 EXAMINED CATCH Weight (kg) D ✓ GROUP Catch *Species * No. of Fish Fork Len. (mm)

3=Eat (fillets) 4=Bait

^{*} What did you do or plan to do with the majority of the fish? (key question)

¹⁼Thrown back alive (type 2)

⁵⁼Give away 6=Throw back dead

		SPECIAL F	ISHEF	RY COD	E <u>B</u> onu	ıs MM oı	r PR2, C	PFV <u>C</u> rew, <u>T</u> o	ourname	nt, Pf	R <u>P</u> rivate	Access,	<u>L</u> obste	only,	<u>D</u> =Crab	only			Pg#		of#
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	\mathcal{O}	F2. Report				1	If yes,	Examined code F4-5 >					N THIS		M ributors	3		4			FORM iew ###
	ح	1=Yes, 0=No	A1.RE	SIDEN	CE? CA	County, S	1=Yes, State, Co	0=No untry(don't kno	w, get c	ty)	סאי	A6-7. N	ot cou	nting to	oday, h	ow ma	ny day	s have	you g	jone sa	altwater
-	7	50	(7 9=F	Zip co	de?					.			A6	in las				()	A7ir Month	n last 2 s?
		A3. License reduced fee),		0=None,	1=Annua	l (res., n	on-res., l	ife, free, N	MFS E	CON	OMIC:	SURVE	Y: Nan			e-mail	, telept	none (I		- -
L	<u>'</u>	 -		ense#							12										

*Disposition **ANGLER FORM - CREEL SURVEY** Location TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) *Species * No. of Fish Common Name Fish Sex **TYPE 3 EXAMINED CATCH** *Species Weight (kg) ✓ GROUP Catch * No. of Fish Fork Len. (mm) D L

3=Eat (fillets) 4=Bait

8=Don't know (type 3) 9=Refused (type 3)

Fsex M=Male F=Female T=Transitional ✓=Catch at Location

^{*} What did you do or plan to do with the majority of the fish? (key question)

¹⁼Thrown back alive (type 2)

⁵⁼Give away 6=Throw back dead

Eligibility: Completed saltwater sportfishing trip in US waters for finfish, crabs or lobster (exceptions: Mexico, finfish bycatch, shore 50%) Privacy Act: Participation in this survey is voluntary. The survey is being conducted in accordance with the Privacy Act.

* =	Key	item	(nee	ded f	or estima	tions). The in	nterview is	s not	valio	l if re	spons	se to a	ny ke	y iten	n is mi	ssing			,			
		SPE	CIAL F	ISHE	RY CODE	<u>B</u> onu	s MM or PR	2, CPFV <u>C</u> re	w, <u>T</u> oui	rname	ent, PR	<u>P</u> rivate	Access,	<u>L</u> obster	only,	<u>D</u> =Crab o	onły			Pg#		of#	
MMPR2	Since	.last.iote	ski	IM An	nglers "			MM Anglers started fish		*	Since	last.PR:	C. # PF TR Lau 2 boat			nceJast P		ing TR		last PR		ssed Ti	R Effort
*		1.Ass	signme	ent No	* 2		9 23	Sampler		*			В	1. Inte	rview	# of firs	t boat	angler					
]	1				Intercept					<u>(B2-</u>	<u> B11 - Fir</u>	st Boa	t Angle					å
*	0	8	2	0	3. Month/E)ay				= *			B2. # A	nglers	in boa	at			1	PR Tra ? 1=Yes		Count , K =kayal	k
*			8	4. Int	erview#					*						arture T record d					- 1	B5. * Deprt. Da	lato
*		7	1	5	5. Time in	tervie	w started (24 Hr:Min)		*		1	istance any shor			Code if is an 3 mi.	land ->			B7. <=		CA Isla	
•		8)	_	20	3	7. Cnty-	Site Code		*								B8. C	PFV -	J · DFG I	Boat N	lumber	
	l	Site Na					J			*	B9. C	PFV E	Boat Nar	ne:				_					
*	5	9. Mo	ode:	Structu	re, 5=Beach/B	ank, 6=F	Party Boat (p	e/Causeway, 4 er head),	=Other			L1. B	OATS: A		Fishin	g Locat	ion? 1:	=Yes, 0	=No, 3=	Same a	=		
*	1	10. Si	latua:	0=Effo	ter Boat (grou rt-change-onl n-key refusal							<u> </u>									L5. Bo	ottom	Location
	0	# of Ini Refusa	tial	$\overline{}$	# Language Barriers	0	# of Key Refusals	< These m								L2. Location(s)					Depth [fee	h(s)	
*	()	E1. Fi	shing	Effort A	Area: Ocean S.F. Bay, M			fishing a er,		Effort		1	ormat:			_] 2	-	L6. D	epthfi	nder us	sed?		
	-	E2.Ge	ar: 1=H	ook & I	ine 2=Dip net d#, Pots#, sna	t 3=Ca:				ш]	3=Deg	l rees° m	9=Refuse ins'+grid : ins' secs"	size]					
*		4	0	E3. V	Vet Gear ho	ours fi	shing İn <u><i>ab</i></u>	o <u>ve mode</u> ?	;		5=CDF	G Block	grees k-Box <+g b, B-b-b-b		•								
*		1	0		SHORE trip			=Complete	!		ΙΛ Δ	naler a	ave loca	ation us	oina:	Ch		Check all	that apply		bita na		
1	S	T	В	Ą	5 5	2 L .	200	1.00	C	Species	Fishir	ng Site	Name (s) at L2		oirig.	По.,	an L	٦٥٠٠	5/LOI a	" []	Site na	me	
2	S	M	5	v	R C	21 1	f c	me IL		Farget Sp			catch fr	_	s locat	tion?1=\	es, 0=	No, the	n √ fis	h from l	Locatio	 n on bad	ck.
		ne as fir			0 = An		1=[Bottomfish						_			No cato	ch					\dashv
*	4		(for th		ınavailable ler only)?		U lf y	F3. Examino es, code F4 es, 0=No					I	N THIS F4.#o		M ributors						FORM ew ###	Fish
*	3			A1.RE	SIDENCE	? CA C		, Country(don'	't know,	get ci	ty)		A6-7. No sport fin-					ny days	have	you go	one sa	Itwater	Angler
	9	4	0	6	A2. Z 9=Refus 8=DK (g		e?						5	5 0		in last nths?	12		5	/ 1	A7in Months		
*					0=None, 1=	Annual	(res., non-re	s., life, free,	NMI	FS E	CONC	OMIC S	URVEY	': Nam						R=refu	sal)		
	l		-		, record days cense # Day						4	71	Fri	nu	~00	d				30r	60	\	
ſ				any ER	∞iio c π Dd	10					S	'n	Br	vnc), (A	90	901	مام				
	Code	s: (D=No	1=Ye	s 998	= Dor	 n't know (E	OK) <blank< td=""><td>k> = No</td><td>ot An</td><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>nat· 1</td><td>2345</td><td>56780</td><td>, </td></blank<>	k> = No	ot An	_									nat· 1	2345	56780	,

TYPE 2 REPORTED OR UNAVA						<u>HE AN</u>	GLEF	ON	THIS	FOR	<u>(M</u>)	*Disposition	Location		
Common Name	*	Specie	es	* No. o	f Fish						_	_	بد		
Surf smelt	SM	8	UR		6						_ ['	4			1
															2
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TYPE 3 EXAMINED CATCH														Fish Sex	
✓ GROUP Catch	,	Speci	es	* No. c	f Fish	Fork	Len. (n	nm) 	We	eight (k	g) 	D	L	T T	7
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5=Give away

6=Throw back dead

7=Some other purpose, specify under common name.

¹⁼Thrown back alive (type 2)
3=Eat (fillets)
4=Bait

Eligibility: Completed saltwater sportfishing trip in US waters for finfish, crabs or lobster (exceptions: Mexico, finfish bycatch, shore 50%) Privacy Act: Participation in this survey is voluntary. The survey is being conducted in accordance with the Privacy Act.

=	Key	ritem (needed for estimations). The interview is not	vali	lid if response to any key item is missing.
rac :		SPECIAL FISHERY CODE Bonus MM or PR2, CPFV Crew, To	urnam	ment, PR Private Access, Lobster only, D=Crab only
MMPR2	Since	A.* MM Anglers * B. MM Anglers that started fishing Since Jast interview	4	C. # PR2 Boats TR Launched D.* Non- Fishing TR E.* Missed TR Since last PR2 boat Since last PR2 boat Since last PR2 boat
*		1.Assignment No * 2 2 7 2. Sampler	cept	# B1. Interview # of first boat angler. (B2-B11 - First Boat Angler ONLY)
*	0	S 2 3. Month/Day	Intercept	B2. # Anglers in boat B3.*PR Trailer in Count Area? 1=Yes, 0=No, K=kayak
*		4. Interview #	*	B4. Departure Time? if prior day record date-> B5.* Deprt. Date
*		7 2 2 5. Time interview started (24 Hr:Min)	*	# B6. Distance 1 <=3 mi. Code if island -> from any shore? 2 more than 3 mi. B7. <=3 mi. CA Island
*	8 (Site Name 7. Cnty-Site Code	*	B8. CPFV - DFG Boat Number
ļ		interview at site	*	* B9. CPFV Boat Name:
*	5	9. Mode: 1=Pier/Dock, 2=Jetty/Breakwater, 3=Bridge/Causeway, 4=Other Structure, 5=Beach/Bank, 6=Party Boat (per head), 7=Charter Boat (group paid), 8=Private/Rental boat		L1. BOATS: Asked Fishing Location? 1=Yes, 0=No, 3=Same as First
*		10. Status: 0=Effort-change-only form, 1=Complete, 2 =Non-key refusal	į	L5. Bottom Depth(s)
	0	# of Initial Refusals # Language Barriers # of Key Refusals * These must be in the mode of fishing above		Depth(s) [feet]
*	0	E1. Fishing Effort Area: Ocean (or open bay), River, Bay or harbor, S.F. Bay, Mexico	Effort	L3. Format: 8=DK 9=Refuse L6. Depthfinder used?
)	E2.Gear: 1=Hook & line 2=Dip net 3=Cast net 8=Spear 9=Hand Lob/Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tank		1=Degrees° mins'+grid size 3=Degrees° mins' secs" 4=Decimal. degrees°
•		E3. Wet Gear hours fishing in <u>above mode</u> ?		5=CDFG Block-Box <+grid size> B, B-b, B-b-b, B-b-b-b, B-b+g
*		E4. SHORE trip add'nl hours. 0=Complete Trip must be 1/2 done. 50% of all interviews must be "complete".		Check all that apply
1	8	TRASOLILI	Species	L4. Angler gave location using: Chart GPS/Loran Site name Fishing Site Name [Record code(s) at L2];
2	S	MSUR Surf Smelt	Target Sp	L7. All catch from this location?1=Yes, 0=No, then ✓ fish from Location on back
Ē		ne as first boat angler 0 = Anything 1 = Bottomfish	<u> </u>	8=No catch
•	1	F2. Reported or unavailable catch (for this angler only)? 1=Yes, 0=No * F3. Examined cat If yes, code F4-5 >> 1=Yes, 0=No		ON THIS FORM *F4. # of contributors ON OTHER FORM *F5. Interview ###
•	S	A1.RESIDENCE? CA County, State, Country(don't know,	get ci	city) A6-7. Not counting today, how many days have you gone saltwater sport fin-fishing in CALIFORNIA
	Ĵ	4 0 8 6 A2. Zip code? 9=Refused B=DK (get city)		A6in last 12 Months? A7in last 2 Months?
•	1	A3. License Type: 0=None, 1=Annual (res., non-res., life, free, reduced fee), 3=Daily, record days		ECONOMIC SURVEY: Name, Address, e-mail, telephone (R=refusal) Sacob Maniscalco
		A4. Daily License # Days		232 Morse Ave
L				Sunnyvale, CA 94086
C	odes	Some Delitation (Dity spidings - 14	ot Ap	
		15 165		

YPE 2 REPORTED OR UNAVAII Common Name		*s	pecie	es	*	No.	of Fi	sh							1	*Disposition	Location	
Surf Smelt	S	Μ	S	V	2		3	5)							3)	
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TYPE 3 EXAMINED CATCH																_		Fish Sex
✓ GROUP Catch		*S	peci	es		* No.	of F	ish	Fork	Ler	n. (mm) 	We	eight (l	(g)	P	<u>L</u>	
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What did you do or plan to do w									╛┖									

¹⁼Thrown back alive (type 2)
3=Eat (fillets)
4=Bait

		SPECIAL FISHERY CODE Bonus MM or PR2, CPFV Crew, Tou	rname	nt, PR <u>F</u>	Private Acc	ess, <u>L</u> o	obster only	y, <u>D</u> =Cı	rab on	ly		Pg ‡	‡ <u> </u>	of#		
Si	nce l	A.* MM Anglers skipped B. MM Anglers that started fishing Since last interview Since last interview	*	Since la	- 1	Launc		SinceJa		D.* N Fishir 2 boat	ng TR	nce last F		Missed	TR	X-Effort
	l	1.Assignment No * 2 2 9 2. Sampler	*			B1.	Intervie (B				ngler. Angler0	NLY)		_		Boats
.	$\overline{\mathcal{O}}$	8 2 0 3. Month/Day	Intercept		B2.	# An	glers in l				В	3.*PR 1 rea? 1=\				
.		4. Interview #	*				1	epartu day reco				Ca: -	65, 0-	B5.*		
. -	,	7 2 3 5. Time interview started (24 Hr:Min)	*		I B6. Dista from any		1 <=3 r	ni. Code	e if isla			B7.	<=3 r	IDepri mi. CA I	. Date sland	
-		8 1 - 2 D 3 7. Cnty-Site Code	*		iloili aliy	311016	2 111010	TIAN O			B8. CPI	 = V - DF	G Boa	at Numb	er	
1		Site Name	*	B9. CF	PFV Boat	Name	e:									
ı	_	nterview at site 1=Pier/Dock, 2=Jetty/Breakwater, 3=Bridge/Causeway, 4=Other 9. Mode: Structure, 5=Beach/Bank, 6=Party Boat (per head), 7=Charter Boat (group paid), 8=Private/Rental boat			L1. BOA	_		hing Lo	ocatio	on? 1=	Yes, 0 =N	o, 3 =Sam	ne as Fi	irst	•	ou
	}	10. Status: 0=Effort-change-only form, 1=Complete, 2 =Non-key refusal							Location(s)				- 1	Bottom	l	Location
i	2	# of Initial Refusals # Language Barriers # of Key Refusals # the mode of fishing above							L2. Loca				- 1	epth(s) [feet]		
(C	E1. Fishing Effort Area: Ocean (or open bay), River, Bay or harbor, S.F. Bay, Mexico	Effort		L3. Form 8=DK 9=R						L6. Dep	thfinder	used	?		
		E2.Gear: 1=Hook & line 2=Dip net 3=Cast net 8=Spear 9=Hand Lob/Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tank		3=Degre	ees° mins' ees° mins' nal. degree	secs"	te		!							
		5 E3. Wet Gear hours fishing in <u>above mode</u> ?		5=CDFC	G Block-Bo b, B-b-b, B	x <+gric										
Г		E4. SHORE trip add'nl hours. 0=Complete						_			heck all that					
	2	Trip must be 1/2 done. 50% of all interviews must be "complete".	ies		igler gave g Site Na		ion usinç	g:]Cha	ırt _	GPS/L	oran.	Bite	name	•	
1	5	TBAS Striped bass	et Species	[Record	d code(s)	at L2];										
2	S	MSUR Surf Smelt	Target	L	L7. All ca	ch fro	m this lo	cation		es, 0 =1 lo catc		fish fro	m Loc	ation on	back.	
(t	re as first boat angler 0 = Anything 1 = Bottomfish F2. Reported or unavailable catch (for this angler only)? 1=Yes, 0=No 1 = Bottomfish * F3. Examined ca If yes, code F4-5 >> 1=Yes, 0=No				- 1	THIS FO		tors					ER FOF		Fish
()	3	1=Yes, 0=No 1=Yes, 0=No A1.RESIDENCE? CA County, State, Country(don't know	, get c		A6- SDO	7. Not	counting	g today	y, hov	v man	y days h	ave you	gone	saltwa	ter	Angler
(7	4 0 4 4 A2. Zip code? 9=Refused 8=DK (get city)			/	D		A6in Months	last 1			/ 5	、 Ⅰ	in last	2	⋖
			IFS E	<u>cono</u> l	MIC SUR	VEY:	Name,	<u>Addre</u>	ss, e	-mail,	telephor	e (R=r	 efusal)		
		A4. Daily License # Days		1 ~												

*Disposition **ANGLER FORM - CREEL SURVEY** Location TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) *Species * No. of Fish Common Name Fish Sex TYPE 3 EXAMINED CATCH ✓ GROUP Catch *Species * No. of Fish Fork Len. (mm) Weight (kg) D L * What did you do or plan to do with the majority of the fish? (key question)

3=Eat (fillets) 4=Bait 6=Throw back dead

7=Some other purpose, specify under common name.

8=Don't know (type 3) 9=Refused (type 3)

¹⁼Thrown back alive (type 2)

⁵⁼Give away

	SPECIAL FISHERY CODE Bonus M	M or PR2, CPFV <u>C</u> rew, <u>T</u> ou	mame	nt, PR <u>P</u> rivate	e Access, <u>L</u> ob	oster only,	D =Crab or	nly		Pg#	of #	
Sino	A.* MM Anglers * skipped ce last interview Since last	B. MM Anglers that started fishing	*	Since last PF	C. # PR2 E TR Launch 32 boat	ned	nceJast PF	D.* N Fishir 2 boat	ng TR	eJast.PR2	E.* Missed 1	TR
1	1.Assignment No * 2 2	9 2. Sampler	*		B1.		# of first B11 - First		ngler. Angler ONI	LY)		
C) 8 2 0 3. Month/Day		Intercept		B2. # Ang				B3.	*PR Trai	iler in Count , 0=No, K=kay	
	4. Interview #		*				oarture Ti		74104	1-103	B5.**	
	5. Time interview s	started (24 Hr:Min)			Distance any shore?	」	. Code if isl			B7. <=	Deprt. =3 mi. CA Isl	
		. Cnty-Site Code	*	11011	any snore:	Z more a	ian o mi.		B8. CPFV	_ / - DFG I	Boat Numbe	er
	8. Site Name	•	*	B9. CPFV	Boat Name:	:		<u> </u>				
	9. Mode: 1=Pier/Dock, 2=Jetty/Breakwate Structure, 5=Beach/Bank, 6=Par 7=Charter Boat (group paid), 8=	ty Boat (per head),		L1. E	BOATS: Asl	ked Fishi	ng Locati	on? 1=	Yes, 0 =No,	3=Same a	as First	
1	10. Status: 0=Effort-change-only form, 1: 2 =Non-key refusal	-Complete,					Location(s)				L5. Bottom	
(of Key efusals These must be in the mode of fishing above					L2. Loca				Depth(s) [feet]	
(E1. Fishing Effort Area: Ocean (or open Bay or harbor, S.F. Bay, Mexico		Effort		Format: 9=Refuse				L6. Depth	finder us	sed?	
	E2.Gear: 1=Hook & line 2=Dip net 3=Cast Lob/Crab: Flat#, Rigid#, Pots#, snarE, sCub			1=Degrees° 3=Degrees° 4=Decimal.		9						
	5 6 E3. Wet Gear hours fish	ing in <u>above mode</u> ?	1	5=CDFG Blo	ck-Box <+grid b-b, B-b-b-b, B							
	E4. SHORE trip add'nl h	•				. (Check all that ap			
0		1	Species	Fishing Sit		on using:	Ch	art _	GPS/Lo	ran [Site name `	
_	STBAS Strip	per bass	arqet Spe	[Record co		m this los	otion21=\	/oo 0=	No than (fish from	Location on b	haak
F=9	Same as first boat angler 0 = Anything	1 = Bottomfish	_ <u>ख</u> -	L7.7	All CalCIT II'OI			No cate		lish irom	Location on t	ласк. ——
(F2. Reported or unavailable catch (for this angler only)? 1=Yes, 0=No	* F3. Examined ca				THIS FO	RM ntributors				THER FORI	
4	S C L A1.RESIDENCE? CA COL		, get c	ity) DK✓	A6-7. Not sport fin-fis				ıy days ha	ve you g	jone saltwat	er
c	7 4 0 4 3 A2. Zip code 9=Refused 9=DK (get city)	?		_			.6in last lonths?	12		0 1	A7in last 2 Months?	2
	A3. License Type: 0=None, 1=Annual (n reduced fee), 3=Daily, record days				SURVEY:					(R=refu	usal)	
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*Disposition **ANGLER FORM - CREEL SURVEY** Location TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) *Species * No. of Fish Common Name Fish Sex **TYPE 3 EXAMINED CATCH** ✓ GROUP Catch *Species * No. of Fish Fork Len. (mm) Weight (kg) D * What did you do or plan to do with the majority of the fish? (key question) Fsex M=Male F=Female

3=Eat (fillets) 4=Bait

8=Don't know (type 3)

9=Refused (type 3)

T=Transitional ✓=Catch at Location

¹⁼Thrown back alive (type 2)

⁵⁼Give away 6=Throw back dead

Privacy Act: Participation in this survey is voluntary. The survey is being conducted in accordance with the Privacy Act. * = Key item (needed for estimations). The interview is not valid if response to any key item is missing. Pg# SPECIAL FISHERY CODE Bonus MM or PR2, CPFV Crew, Tournament, PR Private Access, Lobster only, D=Crab only A.* MM Anglers B. MM Anglers that C. # PR2 Boats D.* Non-E.* Missed TR started fishing TR Launched Fishing TR skipped Since last interview Since last PR2 boat Since last PR2 boat B1. Interview # of first boat angler. Assignment No 2. Sampler (B2-B11 - First Boat Angler ONLY) B3.*PR Trailer in Count 3. Month/Day B2. # Anglers in boat 8 0 Area? 1=Yes, 0=No, K=kayak B5.* **B4.** Departure Time? Interview # if prior day record date --> Deprt. Date **B6.** Distance 1 <= 3 mi. Code if island -> Time interview started (24 Hr:Min) B7. <=3 mi. CA Island 3 from any shore? 2 more than 3 mi. B8. CPFV - DFG Boat Number 7. Cnty-Site Code 0 8 8. Site Name B9. CPFV Boat Name: First interview at site 1=Pier/Dock, 2=Jetty/Breakwater, 3=Bridge/Causeway, 4=Other 9. Mode: Structure, 5=Beach/Bank, 6=Party Boat (per head), L1. BOATS: Asked Fishing Location? 1=Yes, 0=No, 3=Same as First 7=Charter Boat (group paid), 8=Private/Rental boat Location(s) 0=Effort-change-only form, 1=Complete, 10. Status: L5. Bottom 2 =Non-key refusal Depth(s) < These must be # of Initial # of Key # Language [feet] 0 in the mode of Refusals Barriers Refusals 4 fishing above E1. Fishing Effort Area: Ocean (or open bay), River, L3. Format: L6. Depthfinder used? Bay or harbor, S.F. Bay, Mexico 8=DK 9=Refuse 1=Degrees° mins'+grid size E2.Gear: 1=Hook & line 2=Dip net 3=Cast net 8=Spear 9=Hand 3=Degrees° mins' secs" Lob/Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tank 4=Decimal. degrees° 5=CDFG Block-Box <+grid size> E3. Wet Gear hours fishing in above mode? B, B-b, B-b-b, B-b-b, B-b+g 10 E4. SHORE trip add'nl hours. 0=Complete Check all that apply Trip must be 1/2 done. 50% of all interviews must be "complete" L4. Angler gave location using: Chart GPS/Loran Bite name Fishing Site Name 2 Surf smelt [Record code(s) at L2]: arget L7. All catch from this location?1=Yes, 0=No, then ✓ fish from Location on back. 8=No catch F=Same as first boat angler 0 = Anything 1 = Bottomfish ON OTHER FORM ON THIS FORM F2. Reported or unavailable * F3. Examined catch? catch (for this angler only)? *F4. # of contributors F5. Interview ### If yes, code F4-5 >> 1=Yes, 0=No 1=Yes, 0=No A1.RESIDENCE? CA County, State, Country(don't know, get city) A6-7. Not counting today, how many days have you gone saltwater sport fin-fishing in CALIFORNIA... A2. Zip code? A6...in last 12 A7...in last 2 Months? Months? 8=DK (get city) NMFS ECONOMIC SURVEY: Name, Address, e-mail, telephone (R=refusal) A3. License Type: 0=None, 1=Annual (res., non-res., life, free, reduced fee), 3=Daily, record days A4. Daily License # Days Codes: 0=No 1=Yes Correct Number Format: 123456789 99...9 = Refused (RE)

trout

165 25

*Disposition **ANGLER FORM - CREEL SURVEY** Location TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) Common Name *Species * No. of Fish Kelp Greenling P K G Fish Sex TYPE 3 EXAMINED CATCH **GROUP Catch** *Species * No. of Fish Fork Len. (mm) Weight (kg) D Surf smelt M * What did you do or plan to do with the majority of the fish? (key question) 1=Thrown back alive (type 2) 5=Give away 8=Don't know (type 3) Fsex M=Male F=Female

3=Eat (fillets) 4=Bait

⁶⁼Throw back dead

ANGLER FORM - CRFS 2011

(V5, 1/3/2011)

Eligibility: Completed saltwater sportfishing trip in US waters for finfish, crabs or lobster (e

?ri * =	vacy Key	Act: Participation in this survey is voluntary. The survitem (needed for estimations). The interview is not	irve	vey is being conducted in accordance with the Privacy Act. alid if response to any key item is missing
		SPECIAL FISHERY CODE Bonus MM or PR2, CPFV Crew, Tol		
ACRED DO	Since	A.* MM Anglers * B. MM Anglers that started fishing elast interview Since Jast interview		C. # PR2 Boats TR Launched Since last PR2 boat Since last PR2 boat Since last PR2 boat Since last PR2 boat Since last PR2 boat Since last PR2 boat
*		1.Assignment No * 2 2 9 2. Sampler	sept	B1. Interview # of first boat angler. (B2-B11 - First Boat Angler ONLY)
*	0	8 2 5 3. Month/Day	Intercept	B2. # Anglers in boat B3.*PR Trailer in Count Area? 1=Yes, 0=No, K=kayak
*		1 3 4. Interview #	*	B4. Departure Time? If prior day record date> B5.* Deprt. Date
*	1	7 4 5. Time interview started (24 Hr:Min)	*	B6. Distance 1 <=3 mi. Code if island -> from any shore? 2 more than 3 mi. B7. <=3 mi. CA Island
*		8 1 - 2 0 3 7. Cnty-Site Code	*	B8. CPFV - DFG Boat Number
	First i	Site Name interview at site 1=Pier/Dock, 2=Jetty/Breakwater, 3=Bridge/Causeway, 4=Other	*	# B9. CPFV Boat Name:
*	5	9. MODE: Structure, 5=Beach/Bank, 6=Party Boat (per head), 7=Charter Boat (group paid), 8=Private/Rental boat 0=Cffact change only (see 1.2)		L1. BOATS: Asked Fishing Location? 1=Yes, 0=No, 3=Same as First
•	1	# of Initial # Language # of Key < These must be		L5. Bottom Depth(s)
*	_	Refusals Barriers Refusals in the mode of fishing above	Ę	Zi lieeti
	3	E2.Gear: 1=Hook & line 2=Dip net 3=Cast net 8=Spear 9=Hand	Effort	8=DK 9=Refuse L6. Depthfinder used?
*)	Lob/Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tank ———————————————————————————————————		3=Degrees° mins' secs" 4=Decimal. degrees° 5=CDFG Block-Box <+grid size>
*		E4. SHORE trip add'nl hours. 0=Complete		D, B-b-b, B-b-b-b, B-b+y Check all that apply
1	S	Trip must be 1/2 done. 50% of all interviews must be "complete". M S U R S W f - S M e I +	_	L4. Angler gave location using: Chart GPS/Loran Site name Fishing Site Name [Record code(s) at L2]:
2	0		larget Sp	L7. All catch from this location?1=Yes, 0=No, then ✓ fish from Location on back
*	0	ne as first boat angler 0 = Anything 1 = Bottomfish F2. Reported or unavailable catch (for this angler only)? 1=Yes, 0=No 1 = Bottomfish * F3. Examined catch (for this angler only)? 1=Yes, 0=No	l ch?	? ON THIS FORM ON OTHER FORM F54. # of contributors 7 F5. Interview ###
		1=Yes, 0=No 1=Yes, 0=No A1.RESIDENCE? CA County, State, Country(don't know, state)	get cit	A6-7. Not counting today, how many days have you gone saltwater sport fin-fishing in CALIFORNIA
	9	5 0 3 5 A2. Zip code? 9=Refused 8=DK (get city)	—	A6in last 12 A7in last 2 Months?
•			S E	ECONOMIC SURVEY: Name, Address, e-mail, telephone (R=refusal)
		A4. Daily License # Days		R
	Codes	s: 0=No 1=Yes 998 = Don't know (DK) <blank> = No</blank>	t Ap	Applicable 999 = Refused (RE) Correct Number Format: 123456789

ANGLER FORM - CREEL SURVEY TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) *Species * No. of Fish Common Name Sex Fish (TYPE 3 EXAMINED CATCH Weight (kg) *Species * No. of Fish Fork Len. (mm) ✓ GROUP Catch * What did you do or plan to do with the majority of the fish? (key question) Fsex M=Male F=Female 5=Give away

3=Eat (fillets) 4=Bait

6=Throw back dead

8=Don't know (type 3) 9=Refused (type 3)

T=Transitional

7=Some other purpose, specify under common name.

¹⁼Thrown back alive (type 2)

ANGLER FORM - CRFS 2011

(V5, 1/3/2011)

Correct Number Format: 123456789

Eligibility: Completed saltwater sportfishing trip in US waters for finfish, crabs or lobster (exceptions: Mexico.

Pri	/acy Key	Act: Participation in this survey is voluntary. The survey item (needed for estimations). The interview is not very	vey	y is being conducted in accordance with the Privacy Act. d if response to any key item is missing.
		SPECIAL FISHERY CODE Bonus MM or PR2, CPFV Crew, Tour		
KARADDO	Since	A.* MM Anglers * B. MM Anglers that started fishing elast interview	*	C. # PR2 Boats TR Launched Since last PR2 boat Since last PR2 boat Since last PR2 boat Since last PR2 boat Since last PR2 boat Since last PR2 boat
*	(1.Assignment No * 2 2 9 2. Sampler	Intercept	R1 Interview # of first boot angles
*	O	€ 2 5 3. Month/Day	inter.	B2. # Anglers in boat B3.*PR Trailer in Count Area? 1=Yes, 0=No, K=kayak
*		1 4. Interview #	*	B4. Departure Time? if prior day record date> B5.* Deprt. Date
*		7 4 5. Time interview started (24 Hr:Min)	*	B6. Distance 1 <=3 mi. Code if island -> from any shore? 2 more than 3 mi. B7. <=3 mi. CA Island
•		Site Name 7. Cnty-Site Code	*	B8. CPFV - DFG Boat Number
#	First i	9. Mode: 1=Pier/Dock, 2=Jetty/Breakwater, 3=Bridge/Causeway, 4=Other structure, 5=Beach/Bank, 6=Party Boat (per head),		B9. CPFV Boat Name: L1. BOATS: Asked Fishing Location? 1=Yes, 0=No, 3=Same as First
*	1	7=Charter Boat (group paid), 8=Private/Rental boat 10. Status: 0=Effort-change-only form, 1=Complete, 2 =Non-key refusal		L5. Bottom Depth(s)
		# of Initial Refusals # Language Barriers # of Key Refusals * These must be in the mode of fishing above		Depth(s)
*			LOUIS	L3. Format: 8=DK 9=Refuse L6. Depthfinder used?
*	3	E2.Gear: 1=Hook & line 2=Dip net 3=Cast net 8=Spear 9=Hand Lob/Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tank		1=Degrees° mins'+grid size 3=Degrees° mins' secs" 4=Decimal. degrees° 5=CDFG Block-Box <+grid size>
*		E3. Wet Gear hours fishing in <u>above mode</u> ? E4. SHORE trip add'nl hours. 0=Complete		B, B-b, B-b-b, B-b-b-b, B-b-by Check all that apply
1	S	Trip must be 1/2 done. 50% of all interviews must be "complete". M S V R SVF SMILE	3	L4. Angler gave location using: Chart GPS/Loran Site name Fishing Site Name
2	0	Surf smelt	2	[Record code(s) at L2]: L7. All catch from this location?1=Yes, 0=No, then ✓ fish from Location on back. 8=No catch
•	0	re as first boat angler 0 = Anything 1 = Bottomfish F2. Reported or unavailable catch (for this angler only)? 1=Yes, 0=No 1 = Bottomfish F3. Examined catch If yes, code F4-5 >> 1=Yes, 0=No	_ h?	ON THIS FORM *F4. # of contributors ON OTHER FORM F5. Interview ###
•	S	A1.RESIDENCE? CA County, State, Country(don't know, go	et cit	A6-7. Not counting today, how many days have you gone saltwater sport fin-fishing in CALIFORNIA
	9	5 à 3 5 A2. Zip code? 9=Refused 8=DK (get city)		A6in last 12 Months? A7in last 2 Months?
•	1	A3. License Type: 0=None, 1=Annual (res., non-res., life, free, reduced fee), 3=Daily, record days	<u>S E(</u>	CONOMIC SURVEY: Name, Address, e-mail, telephone (R=refusal)
		A4. Daily License # Days		7
	odes	s: 0=No 1=Yes 998 = Don't know (DK) <blank> = Not</blank>	App	plicable 999 = Refused (RE) Correct Number Format: 123456789

ANGLER FORM - CREEL SURVEY TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) * No. of Fish *Species Common Name Fish Sex TYPE 3 EXAMINED CATCH Weight (kg) *Species * No. of Fish Fork Len. (mm) ✓ GROUP Catch * What did you do or plan to do with the majority of the fish? (key question) Fsex M=Male F=Female

3=Eat (fillets) 4=Bait

5=Give away 6=Throw back dead 8=Don't know (type 3) 9=Refused (type 3)

T=Transitional

7=Some other purpose, specify under common name.

✓=Catch at Location

¹⁼Thrown back alive (type 2)

Eligibility: Completed saltwater sportfishing trip in US waters for finfish, crabs or lobster (exceptions: Mexico, finfish bycatch, shore 50%) Privacy Act: Participation in this survey is voluntary. The survey is being conducted in accordance with the Privacy Act.

	= Key item (needed for estimations). The interview is not va	lid if response to any key item is missing.
-	SPECIAL FISHERY CODE Bonus MM or PR2, CPFV Crew, Tournal	ment, PR Private Access, Lobster only, D=Crab only
	A.* MM Anglers B. MM Anglers that started fishing Since last interview Since last interview	C. # PR2 Boats TR Launched D.* Non- Fishing TR E.* Missed TR Since last PR2 boat Since last PR2 boat
4	* \ 1.Assignment No * \(\text{2} \) \(\text{9} \) 2. Sampler \(\text{g} \)	B1. Interview # of first boat angler.
		(B2-B11 - First Boat Angler ONLY) * B2 # Anglers in boat B3.*PR Trailer in Count
	* 0 8 2 0 3. Month/Day	B2. # Anglers in boat Area? 1=Yes, 0=No, K=kayak
•	4. Interview #	# B4. Departure Time? B5.* If prior day record date-> Deprt. Date
4	5. Time interview started (24 Hr:Min)	# B6. Distance 1 <=3 mi. Code if island -> from any shore? 2 more than 3 mi. B7. <=3 mi. CA Island
4	8 1 - 2 6 3 7. Cnty-Site Code	* B8. CPFV - DFG Boat Number
	8. Site Name First interview at site	* B9. CPFV Boat Name:
	9. Mode: 1=Pier/Dock, 2=Jetty/Breakwater, 3=Bridge/Causeway, 4=Other Structure, 5=Beach/Bank, 6=Party Boat (per head), 7=Charter Boat (group paid), 8=Private/Rental boat	L1. BOATS: Asked Fishing Location? 1=Yes, 0=No, 3=Same as First
	10. Status: 0=Effort-change-only form, 1=Complete, 2 =Non-key refusal	(S) L5. Bottom
	# of Initial Refusals # Language Barriers # of Key Refusals * These must be in the mode of fishing above	Solution Depth(s) [feet]
*	E1. Fishing Effort Area: Ocean (or open bay), River, Bay or harbor, S.F. Bay, Mexico	L3. Format: 8=DK 9=Refuse L6. Depthfinder used?
	E2.Gear: 1=Hook & line 2=Dip net 3=Cast net 8=Spear 9=Hand Lob/Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tank	1=Degrees° mins'+grid size 3=Degrees° mins' secs" 4=Decimal. degrees°
1030	E3. Wet Gear hours fishing in <u>above mode</u> ?	5=CDFG Block-Box <+grid size> B, B-b. B-b-b. B-b-b. B-h+q
*	E4. SHORE trip add'nl hours. 0=Complete Trip must be 1/2 done. 50% of all interviews must be "complete".	Check all that apply
1	3 12 5 12 0	L4. Angler gave location using: Chart GPS/Loran Site name Fishing Site Name
2	# N	[Record code(s) at L2]
	F=Same as first boat angler 0 = Anything 1 = Bottomfish	L7. All catch from this location? 1=Yes, 0=No, then ✓ fish from Location on back. 8=No catch
*	F2. Reported or unavailable catch (for this angler only)? 1=Yes, 0=No F3. Examined catch? If yes, code F4-5 >> 1=Yes, 0=No	ON THIS FORM *F4. # of contributors ON OTHER FORM F5. Interview ###
*	S N F A1.RESIDENCE? CA County, State, Country(don't know, get of	A6-7. Not counting today, how many days have you gone saltwater sport fin-fishing in CALIFORNIA
	94112 A2. Zip code? 9=Refused 8=DK (get city)	A6in last 12 Months? A7in last 2 Months?
*		ECONOMIC SURVEY: Name, Address, e-mail, telephone (R=refusal)
	A4. Daily License # Days	444 Persia St San Fran
	<u> </u>	San Fran Robert Laguillo
	Codes: 0=No 1=Yes 998 = Don't know (DK) < blank> = Not A	policoble 90 0 = Defined (DE) VC

25 16s

ANGLER FORM - CREEL SURVEY TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) *Species * No. of Fish Common Name Fish Sex TYPE 3 EXAMINED CATCH Fork Len. (mm) Weight (kg) D *Species * No. of Fish ✓ GROUP Catch S Surf Smelt * What did you do or plan to do with the majority of the fish? (key question)

3=Eat (fillets) 4=Bait

5=Give away 6=Throw back dead 8=Don't know (type 3)

9=Refused (type 3) 7=Some other purpose, specify under common name.

Fsex M=Male F=Female T=Transitional ✓=Catch at Location

¹⁼Thrown back alive (type 2)

Eligibility: Completed saltwater sportfishing trip in US waters for finfish, crabs or lobster (exceptions: Mexico, finfish bycatch, shore 50%) Privacy Act: Participation in this survey is voluntary. The survey is being conducted in accordance with the Privacy Act.

	rey	ritem (needed for estimations). The interview is not	vali	alid if response to any key item is missing.
		SPECIAL FISHERY CODE <u>B</u> onus MM or PR2, CPFV <u>C</u> rew, <u>T</u> or	umam	nament, PR Private Access, Lobster only, D=Crab only
MMPR2	Since	A.* MM Anglers * B. MM Anglers that started fishing a last interview Since Jast interview		C. # PR2 Boats TR Launched Since last PR2 boat Since last PR2 boat Since last PR2 boat Since last PR2 boat Since last PR2 boat Since last PR2 boat
*	į	1.Assignment No * 2 2 9 2. Sampler	Intercept	B1. Interview # of first boat angler. (B2-B11 - First Boat Angler ONLY)
*	0	8 2 O 3. Month/Day	Inter	B3.*PR Trailer in Count Area? 1=Yes, 0=No, K=kayak
*		4. Interview #		B4. Departure Time? B5.* Deprt. Date
*	1	7 4 7 5. Time interview started (24 Hr:Min)	*	B6. Distance 1 <=3 mi. Code if island -> from any shore? 2 more than 3 mi.
*	a ·	8 - 2 0 3 7. Cnty-Site Code	*	* B8. CPFV - DFG Boat Number
		interview at site	*	* B9. CPFV Boat Name:
*	5	9. Mode: Structure, 5=Beach/Bank, 6=Party Boat (per head), 7=Charter Boat (group paid), 8=Private/Rental boat	r	L1. BOATS: Asked Fishing Location? 1=Yes, 0=No, 3=Same as First
*		10. Status: 0=Effort-change-only form, 1=Complete, 2 =Non-key refusal		L5. Bottom Depth(s)
	Ò	# of Initial Refusals # Language Barriers # of Key Refusals # of Key in the mode of fishing above		Depth(s) [feet]
*	0	E1. Fishing Effort Area: Ocean (or open bay), River, Bay or harbor, S.F. Bay, Mexico	Effort	
	3	E2.Gear: 1=Hook & line 2=Dip net 3=Cast net 8=Spear 9=Hand Lob/Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tank		1=Degrees° mins'+grid size 3=Degrees° mins' secs" 4=Decimal. degrees°
*		E3. Wet Gear hours fishing in <u>above mode</u> ?		5=CDFG Block-Box <+grid size> B, B-b, B-b-b, B-b-b-b, B-b-b-g
*		E4. SHORE trip add'nl hours. 0=Complete Trip must be 1/2 done. 50% of all interviews must be "complete".		Check all that apply
j	_		S.	L4. Angler gave location using: Chart GPS/Loran Site name Fishing Site Name
1	S	MSUR Surf Smelt	st Species	[Record code(s) at L2]:
2	0		Target	L7. All catch from this location?1=Yes, 0=No, then ✓ fish from Location on back. 8=No catch
•	7	re as first boat angler 0 = Anything 1 = Bottomfish F2. Reported or unavailable		ON THIS FORM ON OTHER FORM
ļ		1=Yes, 0=No 1=Yes, 0=No		*F4. # of contributors *F5. Interview ###
*	S	A1.RESIDENCE? CA County, State, Country(don't know,	, get ci	A6-7. Not counting today, how many days have you gone saltwater sport fin-fishing in CALIFORNIA
	9	5 / 3 3 A2. Zip code? 9=Refused 8=DK (get city)		A6in last 12 Months? A7in last 2 Months?
•		A3. License Type: 0=None, 1=Annual (res., non-res., life, free, reduced fee), 3=Daily, record days		SECONOMIC SURVEY: Name, Address, e-mail, telephone (R=refusal) 504 Jim Drive
		A4. Daily License # Days	50	San Jose 95/33
			2	Lui Laranjo
0	odes	s: 0=No 1=Yes 998 = Don't know (DK) <bank> = N</bank>		Applicable 999 = Refused (RF) Correct Number Format: 123456789

ANGLER FORM - CREEL SURVEY TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) * No. of Fish *Species Common Name Fish Sex TYPE 3 EXAMINED CATCH * No. of Fish Fork Len. (mm) Weight (kg) *Species ✓ GROUP Catch Surf smelt * What did you do or plan to do with the majority of the fish? (key question) Fsex M=Male F=Female

3=Eat (fillets) 4=Bait

5=Give away 6=Throw back dead 8=Don't know (type 3) 9=Refused (type 3)

T=Transitional

7=Some other purpose, specify under common name.

¹⁼Thrown back alive (type 2)

	SPECIAL FISHERY CODE Bonus MM or PR2, CPFV Crew, Tou	mame	ent, PR <u>P</u> rivate Access, <u>L</u> obster only, <u>D</u> =Crab only
Since	A.* MM Anglers & B. MM Anglers that started fishing last interview	*	C. # PR2 Boats TR Launched Since last PR2 boat Since last PR2 boat Since last PR2 boat Since last PR2 boat Since last PR2 boat Since last PR2 boat
1	1.Assignment No * 2 2 9 2. Sampler	ept	B1. Interview # of first boat angler. (B2-B11 - First Boat Angler ONLY)
0	6 2 0 3. Month/Day	Intercept	B2. # Anglers in boat B3.*PR Trailer in Count Area? 1=Yes, 0=No, K=kayak
	4. Interview #	*	B4. Departure Time? if prior day record date> B5.* Deprt. Dat
1	7 4 8 5. Time interview started (24 Hr:Min)	*	B6. Distance 1 <=3 mi. Code if island -> from any shore? 2 more than 3 mi. B7. <=3 mi. CA Island
	8 1 - 2 6 3 7. Cnty-Site Code	*	B8. CPFV - DFG Boat Number
	Site Name interview at site	*	B9. CPFV Boat Name:
5	1=Pier/Dock, 2=Jetty/Breakwater, 3=Bridge/Causeway, 4=Other 9. Mode: Structure, 5=Beach/Bank, 6=Party Boat (per head), 7=Charter Boat (group paid), 8=Private/Rental boat		L1. BOATS: Asked Fishing Location? 1=Yes, 0=No, 3=Same as First
1	10. Status: 0=Effort-change-only form, 1=Complete, 2 =Non-key refusal		(\$) Uot to Depth(s) Ifeeti
0	# of Initial Refusals # Language Barriers # of Key Refusals * These must be in the mode of fishing above		Solution [feet]
0	E1. Fishing Effort Area: Ocean (or open bay), River, Bay or harbor, S.F. Bay, Mexico	Effort	L3. Format: 8=DK 9=Refuse L6. Depthfinder used?
3	E2.Gear. 1=Hook & line 2=Dip net 3=Cast net 8=Spear 9=Hand Lob/Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tank		1=Degrees° mins'+grid size 3=Degrees° mins' secs" 4=Decimal. degrees°
	E3. Wet Gear hours fishing in <u>above mode</u> ?	,	5=CDFG Block-Box <+grid size> B, B-b, B-b-b, B-b-b-b, B-b+g
	E4. SHORE trip add'nl hours. 0=Complete Trip must be 1/2 done. 50% of all interviews must be "complete".		L4. Angler gave location using: Chart GPS/Loran Site name
8	MSUR SUR Smelt	Species	Fishing Site Name [Record code(s) at L2];
0		Target	L7. All catch from this location?1=Yes, 0=No, then ✓ fish from Location on back 8=No catch
F=Sar	me as first boat angler 0 = Anything 1 = Bottomfish F2. Reported or unavailable catch (for this angler only)? 1=Yes, 0=No 1 = Bottomfish * F3. Examined ca If yes, code F4-5 >> 1=Yes, 0=No		ON THIS FORM *F4. # of contributors ON OTHER FORM *F5. Interview ###
4	A1.RESIDENCE? CA County, State, Country(don't know	, get c	city) A6-7. Not counting today, how many days have you gone saltwater sport fin-fishing in CALIFORNIA
9	4 5 3 6 A2. Zip code? 9=Refused 8=DK (get city)		A6in last 12 Months? A7in last 2 Months?
1	A3. License Type: 0=None, 1=Annual (res., non-res., life, free, reduced fee), 3=Daily, record days		ECONOMIC SURVEY: Name, Address, e-mail, telephone (R=refusal)
	A4. Daily License # Days	3(693 Turner Ct

*Disposition **ANGLER FORM - CREEL SURVEY** TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) *Species * No. of Fish Common Name Fish Sex **TYPE 3 EXAMINED CATCH** ✓ GROUP Catch *Species * No. of Fish Fork Len. (mm) Weight (kg) D * What did you do or plan to do with the majority of the fish? (key question) Fsex M=Male F=Female

3=Eat (fillets) 4=Bait

9=Refused (type 3) 7=Some other purpose, specify under common name.

T=Transitional ✓=Catch at Location

¹⁼Thrown back alive (type 2)

⁵⁼Give away 6=Throw back dead

⁸⁼Don't know (type 3)

Eligibility: Completed saltwater sportfishing trip in US waters for finfish, crabs or lobster (exceptions: Mexico, finfish bycatch, shore 50%) Privacy Act: Participation in this survey is voluntary. The survey is being conducted in accordance with the Privacy Act.

* =	Key	item (need	ded f	or estima	tions)). The int	erview is n				se to any					10 1 11	vacy	AUI.			
		SPEC	IAL F	ISHE	RY CODE	<u>B</u> onus	s MM or PR2,	CPFV <u>C</u> rew,	<u>T</u> ourname	ent, P	R <u>P</u> rivate	Access, <u>L</u>	obster on	ly, <u>D</u> =C	rab on	ly		P(g# [of #]
MMPRZ	Since	e lastinte	A.* N ski rview_	IM An	glers *	Since	s	IM Anglers th		Sing	e last PR	C. # PR2 TR Laund 2 boat	ched	Since		D.* No Fishing	g TR	ince Jasi		.* Missed	TR	X-Effort
					* -		G 00				T -		Intervi									- 99
-		1.Assi	gnme	ent No	<u> </u>	2	9 2. S	ampler	Intercept	L			<u>(</u>	B2-B11	- Firs	t Boat A						Boal
*	0	8	2	D	3. Month/D	ay			활			B2. # An	glers in	boat						er in Coun 0=No, K=ka		
*)	∞	4. Int	erview#									epartu day rec						B5.*		
*	1	8	3	5	5. Time in	terviev	v started (2	4 Hr:Min)	*			istance any shore	1 <=3	mi. Code	e if isla	<u> </u>		В	7. <=:	Deprt. 3 mi. CA Is		
*		8	-	-	20	3	7. Cnty-S	ite Code	*							E	38. CP	 FV - D	FG B	oat Numb	er	
	1	Site Na					J		*	B9.	CPFV I	Boat Name	 e:									
*	5	1	de:	Structu	re, 5 =Beach/B	ank, 6= F	Party Boat (pe		her		L1. B	OATS: As	ked Fis	hing L	ocatio	n? 1=Y	es, 0=N	o, 3 =Sa	me as	First		_
*	1	10. St	atue:	0=Effo	rt-change-only						<u></u>		_		n(s)	_				.5. Bottom		Location
	0	# of Init	ial		+ Language	0	# of Key	< These must in the mode							Location(s)					Depth(s) [feet]		
		Refusal E1. Fis		_	Barriers Area: Ocean	(or ope	Refusals en bay), R ive	fishing abov	re		L3. F	ormat:			7		_					
•	0	Ba	y or h	arbor,	S.F. Bay, M	exico		5.	Effort	1 0	8=DK	9=Refuse					.6. Dep	othfinde	er use	ed?		
	3				line 2=Dip net d#, Pots#, sna			ar 9=Hand		3=De		nins'+grid siz nins' secs" egrees°	ze .									İ
*		当	0	E3. V	Vet Gear ho	ours fis	shing in <u>abq</u>	<u>ve mo</u> de?				k-Box <+grid -b, B-b-b-b, l										
#			0		SHORE trip					14	Angler (gave locati	ion usin	<u>. –</u>	 Cha		eck all tha		<u></u>	ite name		
1	0	М	5	()	RS		,	11	cies	Fish	ing Site	Name	on dann	a.		"	010/1	-UI all	L	ne name		
2	9)	U	7	urf	Sm	elt	Tarqet Species	[Red	٦	e(s) at L2];										
2	F=Se	me as firs	t hoat	angler	0 = An	vthing	1 - D	ottomfish			L/. A	l catch fro	m this lo	cation	?1=Ye 8=N	es, 0 =No o catch	o, then	✓ fish fi	rom L	ocation on l	back.	_
*	0	F2. Re	porte	ed or u	unavailable ler only)?	yumig	/ * F	3. Examined s, code F4-5				1 1	THIS Fo		tors					HER FOR		Fish
*		1=Yes,		A1.RE	SIDENCE	CA C		s, 0=No Country(don't kn	ow, get c	ty)		A6-7. Not	countin	g today	y, how	/ many	days h	nave yo	ou go	ne saltwat	 er	I
	8		<u> </u>		, A2 7	ip cod	e?					sport fin-fi	shing in		ORN	IA	· 		_			Angler
	9			0	9=Refus 8=DK (g	ed et city)			NIMES 5	.001	ONAIO	2	- 17	Months	s?			2	М	7in last : lonths?	۷	
*					:0=None, 1=/ r, record days	Annual	(res., non-res	., life, free,	IVIVIF 5 E	CUN	DIVIC:	SURVEY:	<u>ivame, i</u>	<u> Addres</u>	ss, e-	mail, te	eephor	<u>ne (R=</u>	refus	<u>al)</u>		
			44. Da	aily Lic	cense # Day	/S					1											
	Code	es: C)=No	1=Ye	s 998	= Dor	n't know (Di	<) <blank></blank>	= Not Ap	plica	ble 9	99 = Re	fused (F	RE)	Corr	ect Nu	mber	Forma	t: 12	 2345678	39	

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ANGLER FORM - CREEL SURVEY TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) *Species * No. of Fish Common Name TYPE 3 EXAMINED CATCH Fish ✓ GROUP Catch *Species * No. of Fish Fork Len. (mm) Weight (kg) D U S Surf Smelt * What did you do or plan to do with the majority of the fish? (key question) Fsex M=Male F=Female

1=Thrown back alive (type 2)

3=Eat (fillets) 4=Bait

5=Give away 6=Throw back dead 8=Don't know (type 3) 9=Refused (type 3)

T=Transitional

7=Some other purpose, specify under common name.

Eligibility: Completed saltwater sportfishing trip in US waters for finfish, crabs or lobster (exceptions: Mexico, finfish bycatch, shore 50%) Privacy Act: Participation in this survey is voluntary. The survey is being conducted in accordance with the Privacy Act.

= Key item (needed for estimations). The interview is not valid if response to any key item is missing.	
SPECIAL FISHERY CODE Bonus MM or PR2, CPFV Crew, Tournament, PR Private Access, Lobster only, D=Crab only	
A.* MM Anglers skipped Since last interview A.* MM Anglers B. MM Anglers that started fishing TR Launched Since last interview Since last PR2 boat Since last PR2 boat Since last PR2 boat Since last PR2 boat Since last PR2 boat Since last PR2 boat Since last PR2 boat	R
* 1.Assignment No * 2 9 2. Sampler B1. Interview # of first boat angler. (B2-B11 - First Boat Angler ONLY) * D 8 9 9 9 9 8 8 9 9 8 8 8 9 9 9 9 9 9 9	
* O 8 2 O 3. Month/Day B2. # Anglers in boat B3.*PR Trailer in Count Area? 1=Yes, 0=No, K=kaya	ak
* 9 4. Interview # B4. Departure Time? B5.* Deprt. I	
* S 4 5. Time interview started (24 Hr:Min) B6. Distance 1 <= 3 mi. Code if island -> from any shore? 2 more than 3 mi. B7. <= 3 mi. CA Island	
* 8 1 - 2 0 3 7. Cnty-Site Code * B8. CPFV - DFG Boat Number	
First interview at site B9. CPFV Boat Name:	
* 5 9. Mode: 1=Pier/Dock, 2=Jetty/Breakwater, 3=Bridge/Causeway, 4=Other Structure, 5=Beach/Bank, 6=Party Boat (per head), 7=Charter Boat (group paid), 8=Private/Rental boat L1. BOATS: Asked Fishing Location? 1=Yes, 0=No, 3=Same as First	
# 10. Status: 0=Effort-change-only form, 1=Complete, 2 =Non-key refusal # of Initial # Language # of Key in the mode of # of Key in the mode of # of Key # of	
Refusals Startier Company Comp	
E1. Fishing Effort Area: Ocean (or open bay), River, Bay or harbor, S.F. Bay, Mexico L3. Format: 8=DK 9=Refuse L6. Depthfinder used?	
E2.Gear: 1=Hook & line 2=Dip net 3=Cast net 8=Spear 9=Hand Lob/Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tank 1=Degrees° mins'+grid size 3=Degrees° mins' secs" 4=Decimal. degrees° 5=CDFG Block-Box <+grid size>	
E3. Wet Gear hours fishing in <u>above mode</u> ? B, B-b, B-b-b, B-b-b, B-b-b, B-b-b, B-b-by Check all that apply	
Trip must be 1/2 done. 50% of all interviews must be "complete". L4. Angler gave location using: Chart GPS/Loran Site name	
1 S M S V R SURF SMelt [Record code(s) at L2]	
2 S T B A S Striped bass L7. All catch from this location?1=Yes, 0=No, then ✓ fish from Location on bar 8=No catch	ck.
F=Same as first boat angler 0 = Anything 1 = Bottomfish F2. Reported or unavailable catch (for this angler only)? 1=Yes, 0=No 1=Yes, 0=N	
A1.RESIDENCE? CA County, State, Country(don't know, get city) A6-7. Not counting today, how many days have you gone saltwater sport fin-fishing in CALIFORNIA	- Clark
9 4 0 3 8 A2. Zip code? 9=Refused 8=DK (get city) A7in last 2 Months? A7in last 2	
A3. License Type: 0=None, 1=Annual (res., non-res., life, free, reduced fee), 3=Daily, record days NMFS ECONOMIC SURVEY: Name, Address, e-mail, telephone (R=refusal) POBOX 946 Chris Loomis	
A4. Daily License # Days Moss Breach	
94038 Codes: 0=No 1=Yes 998 = Don't know (DK) < blank> = Not Applicable 99 9 - Refused (RE) Correct Number Event 4004 = 1004	
Codes: 0=No 1=Yes 998 = Don't know (DK) Solution Solution Correct Number Format: 123456789	

ANGLER FORM - CREEL SURVEY TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) * No. of Fish *Species Common Name Fish Sex TYPE 3 EXAMINED CATCH Weight (kg) Fork Len. (mm) D *Species * No. of Fish **GROUP Catch** Smelt * What did you do or plan to do with the majority of the fish? (key question) Fsex M=Male F=Female 5=Give away

3=Eat (fillets)

4=Bait

6=Throw back dead

8=Don't know (type 3) 9=Refused (type 3)

T=Transitional ✓=Catch at Location

¹⁼Thrown back alive (type 2)

Eligibility: Completed saltwater sportfishing trip in US waters for finfish, crabs or lobster (exceptions; Mexico, finfish bycatch, shore 50%)

	SPECIAL FISHERY CODE Bonus MM or PR2, CPFV Crew, Tou	rname	ment, PR Private Access, Lobster only, D=Crab only
Since_	A.* MM Anglers	*	C. # PR2 Boats TR Launched D.* Non- Fishing TR E.* Missed TR Since last PR2 boat Since Jast PR2 boat Since Jast PR2 boat
	1.Assignment No * 2 2 9 2. Sampler	ept	B1. Interview # of first boat angler. (B2-B11 - First Boat AnglerONLY)
0	8 2 0 3. Month/Day	Intercept	B2. # Anglers in boat B3.*PR Trailer in Count Area? 1=Yes, 0=No, K=kayak
	2 O 4. Interview #	*	B4. Departure Time? if prior day record date> B5.* Deprt. Date
1	8 4 7 5. Time interview started (24 Hr:Min)	*	B6. Distance 1 <=3 mi. Code if island -> from any shore? 2 more than 3 mi. B7. <=3 mi. CA Island
	8 1 - 2 0 3 7. Cnty-Site Code	*	* B8. CPFV - DFG Boat Number
	Site Name interview at site	*	* B9. CPFV Boat Name:
5	9. Mode: Structure, 5=Beach/Bank, 6=Party Boat (per head), 7=Charter Boat (group paid), 8=Private/Rental boat		L1. BOATS: Asked Fishing Location? 1=Yes, 0=No, 3=Same as First
1	10. Status: 0=Effort-change-only form, 1=Complete, 2 =Non-key refusal		L5. Bottom Depth(s)
0	# of Initial Refusals # Language Barriers # of Key Refusals # of Key in the mode of fishing above		Peptil(s) [feet]
0	E1. Fishing Effort Area: Ocean (or open bay), River, Bay or harbor, S.F. Bay, Mexico	Effort	L3. Format: B=DK 9=Refuse L6. Depthfinder used?
3	E2.Gear: 1=Hook & line 2=Dip net 3=Cast net 8=Spear 9=Hand Lob/Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tank		1=Degrees° mins'+grid size 3=Degrees° mins' secs" 4=Decimal. degrees°
	E3. Wet Gear hours fishing in <u>above mode</u> ?		5=CDFG Block-Box <+grid size> B, B-b, B-b-b, B-b-b-b, B-b+g
	E4. SHORE trip add'nl hours. 0=Complete Trip must be 1/2 done. 50% of all interviews must be "complete".		L4. Angler gave location using: Chart GPS/Loran Site name
5	MSUR Surf smelt	Species	Fishing Site Name [Record code(s) at L2];
S	TBAS Striped bass	Target S	L7. All catch from this location?1=Yes, 0=No, then ✓ fish from Location on back.
=San	reas first boat angler 0 = Anything 1 = Bottomfish F2. Reported or unavailable catch (for this angler only)? 1=Yes, 0=No 1 = Bottomfish F3. Examined catlf yes, code F4-5 >> 1=Yes, 0=No		? ON THIS FORM *F4. # of contributors ON OTHER FORM *F5. Interview ###
	M A1.RESIDENCE? CA County, State, Country(don't know	, get c	A6-7. Not counting today, how many days have you gone saltwater sport fin-fishing in CALIFORNIA
6	A2. Zip code? 9=Refused 8=DK (get city)		A6in last 12 Months? A7in last 2 Months?
1	reduced fee), 3=Daily, record days		ECONOMIC SURVEY: Name, Address, e-mail, telephone (R=refusal)
	A4. Daily License # Days	151	hland MI, C5016
	es: 0=No 1=Yes 998 = Don't know (DK) <blank> = N</blank>	٨	Applicable 999 = Refused (RE) Correct Number Format: 123456789

*Disposition **ANGLER FORM - CREEL SURVEY** Location TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) *Species * No. of Fish Common Name Fish Sex TYPE 3 EXAMINED CATCH ✓ GROUP Catch *Species * No. of Fish Weight (kg) D Fork Len. (mm) * What did you do or plan to do with the majority of the fish? (key question)

3=Eat (fillets) 4=Bait 8=Don't know (type 3) 9=Refused (type 3)

¹⁼Thrown back alive (type 2)

⁵⁼Give away 6=Throw back dead

Eliqibility: Completed saltwater sportfishing trip in LIS waters for finfish, crabs

]		RY CODE	<u>B</u> onus M	IM or PR2, CPFV <u>C</u> rew, <u>T</u> ou	ırname	nt, PR <u>P</u>	rivate Acc	ess, <u>L</u> obster	only, <u>D</u>	=Crab or	nly		١	Pg#	of #		
MMPR2	Since	l I	MM An	glers *	Since las	B. MM Anglers that started fishing	*	Since la	TR	# PR2 Boa Launched		e Jast PR		ng TR	Since la		E.* Missed	TR	X-Effort
*	1	1.Assignm		* 7		G 2. Sampler		331362184	20132 000	B1. Inte	rview #	of first	boat a	ngler.					ats
	•					,	Intercept					<u> 11 - Firs</u>	t Boat				ler in Cou	nt	ĕ
	0	8 2	0	3. Month/D	ay		_ #		B2.	# Anglers	in boat			1 1			0=No, K=k		
*		21	4. Inte	erview#			*				. Depai						B5.*		
•	1	85	2	5. Time int	terview s	started (24 Hr:Min)	*	1 1	B6. Distarom any	nce 1<	=3 mi. Co ore than	ode if isla				37. <=	JDepr 3 mi. CA	t. Date Island	
*	_	8 1	-	20	7 7	. Cnty-Site Code	*							B8. CF	 PFV - I	DFG F	oat Numl	ner	
-	8.5	Site Name	J	20												J. J.	out Hum	,01	
		nterview at site					*	B9. CP	FV Boat	Name:		<u>_</u> _						_	
	5	9. Mode:	Structu	re, 5 =Beach/Ba	ank, 6 =Par	r, 3 =Bridge/Causeway, 4 =Other ty Boat (per head), Private/Rental boat		L	1. BOA 1	S: Asked	Fishing		on? 1=	Yes, 0 =1	No, 3 =9	Same as	s First		Location
*		10. Status		rt-change-only n-key refusal	/ form, 1=	Complete,						Location(s)				l	.5. Botton	1	Loc
	0	# of Initial Refusals	1 /~ 1	# Language Barriers		of Key efusals These must be in the mode of fishing above						L2. Local			_		Depth(s) [feet]		·
*	\bigcirc			Area: Ocean S.F. Bay, M		bay), R iver,	Effort		3. Form =DK 9=R					L6. De	pthfine	der us	ed?		
	<u> </u>	E2.Gear: 1=	Hook & I	•	3=Cast r	net 8=Spear 9=Hand a, No tank		1=Degre 3=Degre	es° mins'+ es° mins' :	grid size secs"				٠					
•	_	10	E3. V	Vet Gear ho	urs fishi	ng in <u>above mode</u> ?		5=CDFG		s° k <+grid size> b-b-b, B-b+ฏ									
,		\sim	1	•		ours. 0=Complete							C	heck all the	at apply				
Ī			Trip mu	ust be 1/2 done. 5	50% of all inte	erviews must be "complete".		_		location us	sing: [Cha	art _]GPS/	/Loran		ite name	`	
1	S	TB	A	S	Strip	ed bass	pecies	_	Site Nar										
2					=1=		Farqet Species	L	7. All cat	ch from this	s location	on?1=Y	es. 0=N	lo. then	✓ fish	from I	ocation on	= back	
Ļ	F=Sam	e as first boa	t angler	0 = An	ything	1 = Bottomfish	-					8=1	lo catch	<u> </u>					Ъ
*	6	catch (<u>for t</u>	<u>his ang</u>	ınavailable ler only)?		* F3. Examined ca If yes, code F4-5 >>				ON THIS *F4.#0							HER FOF		Fish
	Ą	1=Yes, 0=No		SIDENCE?	CA Cour	1=Yes, 0=No nty, State, Country(don't know	, get ci		A6-7 Spoi	7. Not coun	ting tod	lay, hov	v many	y days	have y	you go	ne saltwa	ter	Angler
ľ	9	46	1	9=Refus						3	_	in last		Γ	- 8		7in last		≤
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*Disposition **ANGLER FORM - CREEL SURVEY** Location TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) *Species * No. of Fish Common Name Fish Sex TYPE 3 EXAMINED CATCH Weight (kg) ✓ GROUP Catch *Species * No. of Fish Fork Len. (mm) D * What did you do or plan to do with the majority of the fish? (key question) Fsex M=Male F=Female

3=Eat (fillets) 4=Bait

5=Give away 6=Throw back dead 8=Don't know (type 3) 9=Refused (type 3)

T=Transitional

¹⁼Thrown back alive (type 2)

Eligibility: Completed saltwater sportfishing trip in US waters for finfish, crabs or lobster (exceptions: Mexico, finfish bycatch, shore 50%) Privacy Act: Participation in this survey is voluntary. The survey is being conducted in accordance with the Privacy Act.

	rey	y item (needed for estimations). The interview is i	not val	id if response to any key item is missing.	
rac.		SPECIAL FISHERY CODE Bonus MM or PR2, CPFV Crew,	<u>T</u> ournan	nent, PR Private Access, Lobster only, D=Crab only	
MINIDO	Since	A.* MM Anglers * B. MM Anglers to started fishing started fish		C. # PR2 Boats TR Launched Since last PR2 boat Since last PR2 boat Since last PR2 boat Since last PR2 boat	TR
*	1	1.Assignment No * 2 2 9 2. Sampler		B1. Interview # of first boat angler. (B2-B11 - First Boat Angler ONLY)	9
*	0	8 2 0 3. Month/Day	Intercept	B2. # Anglers in boat B3.*PR Trailer in Coun	1
*		2 2 4. Interview #	4	Area? 1=Yes, 0=No, K=ka B4. Departure Time? B5.*	ıyak
*		8 5 4 5. Time interview started (24 Hr:Min)	4	B6. Distance 1 <=3 mi. Code if island -> from any shore 2 2 more than 3 mi. B7. <=3 mi. CA Is	
*		8 \ - 2 \ \ 3 \ 7. Cnty-Site Code	4	from any shore? 2 more than 3 mi. B8. CPFV - DFG Boat Number	
	1	Site Name t interview at site		B9. CPFV Boat Name:	ei
*	5	1=Pier/Dock, 2=Jetty/Breakwater, 3:=Bridge/Causeway, 4=0 9. Mode: Structure, 5=Beach/Bank, 6=Party Boat (per head).	ther	L1. BOATS: Asked Fishing Location? 1=Yes, 0=No, 3=Same as First	
*	1	7=Charter Boat (group paid), 8=Private/Rental boat 10. Status: 0=Effort-change-only form, 1=Complete, 2 =Non-key refusal			Location
	0	# of Initial # Language # of Key < These mus		L5. Bottom Depth(s) [feet]	111111111111111111111111111111111111111
*	()	E1. Fishing Effort Area: Ocean (or open bay), River, Bay or harbor, S.F. Bay, Mexico	e.Effort	L3. Format:	
	3	E2.Gear: 1=Hook & line 2=Dip net 3=Cast net 8=Spear 9=Hand Lob/Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tank	m	8=DK 9=Refuse 1=Degrees° mins'+grid size 3=Degrees° mins' secs"	
*		2 5 E3. Wet Gear hours fishing in <u>above mode</u> ?		4=Decimal. degrees° 5=CDFG Block-Box <+grid size>	
*		E4. SHORE trip add'nl hours. 0=Complete		B. B-b, B-b-b, B-b-b-b, B-h+g Check all that apply	
1		The interview must be complete.	ies	L4. Angler gave location using: Chart GPS/Loran Site name Fishing Site Name	
2	5	STripeci bass	arget Species	[Record code(s) at L2]	
٦		me as first boat angler 0 = Anything 1 = Bottomfish		L7. All catch from this location?1=Yes, 0=No, then ✓ fish from Location on b 8=No catch	ack.
*	9	F2. Reported or unavailable catch (for this angler only)? 1=Yes, 0=No * F3. Examined If yes, code F4-5		ON THIS FORM *F4. # of contributors ON OTHER FORM *F5. Interview ##	iTl
*	4	A1.RESIDENCE? CA County, State, Country(don't kn	ow, get c	ity) A6-7. Not counting today, how many days have you gone saltwate sport fin-fishing in CALIFORNIA	Angler Je
ĺ	q	A2. Zip code? 9=Refused 8=DK (get city)		A6in last 12 Months? A7in last 2 Months?	
*			NMFS E	CONOMIC SURVEY: Name, Address, e-mail, telephone (R=refusal)	
		A4. Daily License # Days		R	
ļ					
	Codes	es: 0=No 1=Yes 998 = Don't know (DK) blank> =	Not Ap	oplicable 999 = Refused (RE) Correct Number Format: 12345678	<u> </u>

PE 2 REPORTED OR UNAVA	ILABLE	E C	ATC) H	ON	LY	OF	R TH	<u> 1E A</u>	NG	LER	ON	TH	IIS I	FOF	<u>RM</u>)	*Disposition	Location	
Common Name		*S	pecie	s	_,*	No.	of F	ish										ت	l
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5=Give away
6=Throw back dead
7=Some other purpose, specify under common name.

Fsex M=Male F=Female T=Transitional ✓=Catch at Location

^{*} What did you do or p 1=Thrown back alive (type 2) 3=Eat (fillets) 4=Bait

Eligibility: Completed saltwater sportfishing trip in US waters for finfish, crabs or lobster (exceptions: Mexico, finfish bycatch, shore 50%) Privacy Act: Participation in this survey is voluntary. The survey is being conducted in accordance with the Privacy Act. * = Key item (needed for estimations). The interview is not valid if

		7				PR2, CPFV <u>C</u> rew, <u>T</u> o										•		 Рg# Г	of #	: [-
MMPR2	Since	_ A.* I		*		B. MM Anglers that started fishing rview		,		C.# TRL	PR2	Boats hed			D.* N Fishi	lon- ng TR	ince Ja		* Missed	d TR	X-Effort
*	(1.Assignm	ent No *	_ 2	1	2. Sampler	Intercept					Intervi	ew # o	of first	boat a	angler. t Angler(Boats
*	D	8 2	3. Montl	n/Day			# Inte			B2.	# Ang	lers in	boat			1 1			er in Cou 0=No, K=k		
*		23	4. Interview #				*						epartu day red						B5.* Depr	t. Date	
*	1	8 5	5. Time	intervie	w starte	ed (24 Hr:Min)	*		B6. D				mi. Cod e than 3		nd ->			37. <=3	3 mi. CA	Island	
*		8 1	- 20	3	7. Cn	ty-Site Code	*									B8. CP	FV - 1	DFG B	oat Numb	er	
	1	Site Name interview at site				·	*	B9. C	PFV E	Boat N	lame:									_	
*	5	9. Mode:	1=Pier/Dock, 2=Je Structure, 5=Beack 7=Charter Boat (gr	/Bank, 6 =	Party Boa	ridge/Causeway, 4= Othe it (per head), e/Rental boat	r		L1. B	OATS	S: Ask	ked Fis	hing L	ocatio	n? 1=	Yes, 0 =N	o, 3 =9	Same as	First		ıtion
*	1	10. Status:	Z =Non-key refus	al	1=Comp	olete, < These must be								Location(s)					5. Bottom Depth(s)	1	Location
	٥	# of Initial Refusals	U # Languag Barriers	0	# of Key Refusal	in the mode of fishing above				_	_			L2. Loc					[feet]		
*	0	Bay or h	Effort Area: Ocean harbor, S.F. Bay,	Mexico			Effort		L3. F 8=DK	9=Refi	ıse	**				L6. Dep	thfin	der use	d?		
	3	E2.Gear: 1=H Lob/Crab: Fla	Hook & line 2=Dip at#, Rigid#, Pots#, : 1	net 3=Ca snarE, sC	st net 8= uba, N o f	-Spear 9 -Hand lank		3=Deg	rees° m rees° m imal. de	ins' se	cs"										
*		3 5	E3. Wet Gear						G Blocl -b, B-b-												
*	_	0	E4. SHORE tr			•		L4. Aı	ngler g	ave lo	ocatio	n usinç	g: [Cha		GPS/L		Si	te name	`	
1	S	M 2	UP	<u>Sur</u>	f s	mel+	Species		ng Site rd code												
2	0						Tarqet		L7. All	catch	from	this lo	cation	?1=Ye 8=N	es, 0=N o catcl	No, then v	/ fish	from Lo	cation on	back.	
*	<u>^</u>		ed or unavailab nis angler only)?	Anything e		= Bottomfish * F3. Examined ca f yes, code F4-5 >> =Yes, 0=No				2		HIS FO	ORM ontribu	tors					IER FOR		Fish
*	S	MA	A1.RESIDENC	E? CA C		ate, Country(don't know	, get ci		DK √	A6-7.	Not c	ounting	today	, how	many	y days h	ave y	ou gor	ne saltwa	ter	Angler
	01	40	9=Re	Zip cod	e?		_	. —					A6in Months	last 1				/N/11	in last		<u> </u>
*		A3. License reduced fee),	Type: 0=None, 3=Daily, record da	=Annual	(res., nor	n-res., life, free, NN	MFS E	CONO	MIC S	URV	EY: N	ame, /	Addres	ss, e-I	mail, t	elephon	e (R				
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ANGLER FORM - CREEL SURVEY TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) * No. of Fish *Species Common Name Fish Sex TYPE 3 EXAMINED CATCH D L GROUP Catch *Species * No. of Fish Fork Len. (mm) Weight (kg) Sme 1 * What did you do or plan to do with the majority of the fish? (key question) Fsex M=Male F=Female 8=Don't know (type 3)

1=Thrown back alive (type 2)

3=Eat (fillets) 4=Bait

5=Give away 6=Throw back dead

9=Refused (type 3)

T=Transitional

7=Some other purpose, specify under common name.

ANGLER FORM - CRFS 2011

(V5, 1/3/2011)

Eligibility: Completed saltwater sportfishing trip in US waters for finfish, crabs or lobster (exceptions: Mexico, finfish bycatch, shore 50%)

Pri * _	vacy / Key	Act: Participation in this survey is voluntary. The su item (needed for estimations). The interview is not	rvey valid	conducted in accordance	e with the F	Privacy Act.	
		SPECIAL FISHERY CODE Bonus MM or PR2, CPFV Crew, Tol				Pg # of #	
COUNTY .	Since	A.* MM Anglers B. MM Anglers that started fishing Since Jast interview	*	C. # PR2 Boats TR Launched PR2 boat Since Jast P	D.* Non- Fishing TR R2 boat	E.* Missed TR Since Jast PR2 boat	X-Effort
4)	1.Assignment No * 2 2 9 2. Sampler	Intercept	B1. Interview # of firs	t boat angler. st Boat Angle		Boats
*	0	8 2 ○ 3. Month/Day	Inter	B2. # Anglers in boat		B3.*PR Trailer in Count Area? 1=Yes, 0=No, K=kayak	
*		2 4 4. Interview #	*	B4. Departure T		B5.* Deprt. Dat	ie
*	1	5. Time interview started (24 Hr:Min)	*	Distance 1 <=3 mi. Code if is many shore? 2 more than 3 mi.	land ->	B7. <=3 mi. CA Island	d
*		4 1 - 2 0 3 7. Cnty-Site Code	*		B8. C	PFV - DFG Boat Number	
		Site Name interview at site 1=Pier/Dock, 2=Jetty/Breakwater, 3=Bridge/Causeway, 4=Other	*	V Boat Name:			
*	5	9. MOde: Structure, 5=Beach/Bank, 6=Party Boat (per head), 7=Charter Boat (group paid), 8=Private/Rental boat		BOATS: Asked Fishing Locat	ion? 1=Yes, 0=	=No, 3=Same as First	Location
*		10. Status: 0=Effort-change-only form, 1=Complete, 2 =Non-key refusal # of Initial # Language # of Key These must be		Location(s)		L5. Bottom Depth(s)	Lo
	δ	Refusals Barriers Refusals in the mode of fishing above E1. Fishing Effort Area: Ocean (or open bay), River,	+1	Format:		[feet]	
*	0	Bay or harbor, S.F. Bay, Mexico E2.Gear: 1=Hook & line 2=Dip net 3=Cast net 8=Spear 9=Hand	Effort	K 9=Refuse ° mins'+grid size	L6. D	epthfinder used?	
	3	Lob/Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tank		° mins' secs" degrees° ock-Box <+grid size>			
*		E4. SHORE trip add'nl hours. 0=Complete	3	-b-b, B-b-b-b, B-b+g	Check all t	hat apply	
1		Trip must be 1/2 done. 50% of all interviews must be "complete".	ies	r gave location using: Chite Name	art GPS	S/Loran Site name	
2		MSUR surf smelt	Farget Species	ode(s) at L2]: All catch from this location?1=	/es O-No tha	a / figh from Logotion on book	
		ne as first boat angler 0 = Anything 1 = Bottomfish F2. Reported or unavailable		ON THIS FORM	No catch		
*	$ oxed{ } oxambox{ } oxed{ } oxambox{ } oxed{ } oxed{ } oxed{ } oxed{ } oxed{ } oxed{ } ox{ } oxed{ } oxed{ } oxed{ } oxed{ } oxambox{ } oxed{ } o$	catch (for this angler only)? 1=Yes, 0=No 1=Yes, 0=No 1-Yes, 0=No		*F4. # of contributors	2	S ON OTHER FORM * F5. Interview ###	Fish
*	S	A1.RESIDENCE? CA County, State, Country(don't know,	get ci	A6-7. Not counting today, ho sport fin-fishing in CALIFORI	w many days NIA…	have you gone saltwater	Angler
	9	HOIIHA		A6in last Months?		A7in last 2 Months?	[
#		A3. License Type: 0=None, 1=Annual (res., non-res., life, free, reduced fee), 3=Daily, record days	<u> +S E</u>	SURVEY: Name, Address, e	e-mail, telepho	one (R=refusal)	
		A4. Daily License # Days		/-			
	Codes	s: 0=No 1=Yes 998 = Don't know (DK) <base/> extra color	ot Ap	999 = Refused (RE)	rect Numbe	r Format: 123456789	-

ANGLER FORM - CREEL SURVEY TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) * No. of Fish *Species Common Name Fish Sex TYPE 3 EXAMINED CATCH Weight (kg) D L ✓ GROUP Catch *Species * No. of Fish Fork Len. (mm) * What did you do or plan to do with the majority of the fish? (key question) Fsex M=Male F=Female

3=Eat (fillets) 4=Bait

5=Give away 6=Throw back dead 8=Don't know (type 3) 9=Refused (type 3)

T=Transitional ✓=Catch at Location

7=Some other purpose, specify under common name.

¹⁼Thrown back alive (type 2)

Eligibility: Completed saltwater sportfishing trip in US waters for finfish, crabs or lobster (exceptions: Mexico, finfish bycatch, shore 50%) Privacy Act: Participation in this survey is voluntary. The survey is being conducted in accordance with the Privacy Act.

* = Kev item (needed for estimations). The interview is not valid if response to any key item is missing.

	y	ntern (needed for estimations). The interview is not	vali	id it response to any key item is missing.
		SPECIAL FISHERY CODE Bonus MM or PR2, CPFV Crew, Tol	ımam	nent, PR Private Access, Lobster only, D=Crab only
MMPR2	Since	A.* MM Anglers * B. MM Anglers that started fishing slastinterview Since last interview	*	C. # PR2 Boats TR Launched D.* Non- Fishing TR Since last PR2 boat Since last PR2 boat Since last PR2 boat
*		1.Assignment No * 2 2 9 2. Sampler	cept	B1. Interview # of first boat angler. (B2-B11 - First Boat Angler ONLY)
*	0	8 2 0 3. Month/Day	Intercept	B2. # Anglers in boat B3.*PR Trailer in Count Area? 1=Yes, 0=No, K=kayak
*		2 5 4. Interview #	*	P4 Departure Time?
*	1	5. Time interview started (24 Hr:Min)	*	B6. Distance 1 <=3 mi. Code if island -> from any shore? 2 more than 3 mi. B7. <=3 mi. CA Island
*		8 1 - 2 0 3 7. Cnty-Site Code	*	B8. CPFV - DFG Boat Number
		Site Name interview at site	*	B9. CPFV Boat Name:
*	5	9. Mode: 1=Pier/Dock, 2=Jetty/Breakwater, 3=Bridge/Causeway, 4=Other Structure, 5=Beach/Bank, 6=Party Boat (per head), 7=Charter Boat (group paid), 8=Private/Rental boat		L1. BOATS: Asked Fishing Location? 1=Yes, 0=No, 3=Same as First
*		10. Status: 0=Effort-change-only form, 1=Complete, 2 =Non-key refusal # of Initial		L5. Bottom Depth(s)
	1 1	Refusals Barriers # Earliguage Refusals in the mode of fishing above		
*	0	E1. Fishing Effort Area: Ocean (or open bay), River, Bay or harbor, S.F. Bay, Mexico	Effort	L3. Format: 8=DK 9=Refuse 1=Degrees° mins'+grid size
	3	E2.Gear: 1=Hook & line 2=Dip net 3=Cast net 8=Spear 9=Hand Lob/Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tank		3=Degrees° mins' secs" 4=Decimal. degrees°
*		E3. Wet Gear hours fishing in <u>above mode</u> ? E4. SHORE trip add'nl hours. 0=Complete		5=CDFG Block-Box <+grid size> B, B-b, B-b-b, B-b-b-b, B-b+y
*		Trip must be 1/2 done. 50% of all interviews must be "complete".		L4. Angler gave location using: Chart GPS/Loran Site name
1	3	MSURSurf Smelt	t Species	Fishing Site Name [Record code(s) at L2]:
2	() F=Sam	ne as first boat angler 0 = Anything 1 = Bottomfish	Target	L7. All catch from this location?1=Yes, 0=No, then ✓ fish from Location on back. 8=No catch
*	0	F2. Reported or unavailable catch (for this angler only)? 1=Yes, 0=No F2. Reported or unavailable at F3. Examined catch (for this angler only)? 1=Yes, 0=No 1=Yes, 0=No		ON THIS FORM *F4. # of contributors ON OTHER FORM *F5. Interview ###
*	A	A1.RESIDENCE? CA County, State, Country(don't know,	get ci	A6-7. Not counting today, how many days have you gone saltwater sport fin-fishing in CALIFORNIA
	9	4 5 7 7 A2. Zip code? 9=Refused 8=DK (get city)		A6in last 12 A7in last 2 Months?
*		A3. License Type: 0=None, 1=Annual (res., non-res., life, free, reduced fee), 3=Daily, record days		ECONOMIC SURVEY: Name, Address, e-mail, telephone (R=refusal)
		A4. Daily License # Days		San Leandro
ļ				Sid
	Codes	s: 0=No 1=Yes 998 = Don't know (DK) <blank> = No</blank>	ot Ap	pplicable 999 = Refused (RE) Correct Number Format: 123456789

ANGLER FORM - CREEL SURVEY TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) * No. of Fish *Species Common Name Fish Sex TYPE 3 EXAMINED CATCH D L *Species * No. of Fish Fork Len. (mm) Weight (kg) ✓ GROUP Catch Smelt * What did you do or plan to do with the majority of the fish? (key question)

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