Assn#	SAMPLER NAME	CRFS ASSIGNI	MENT	SUM	MARY	FOR	M			V2, 12-17-20	10	
		SAMPLER ID	DATE		ASS	SN ID	ASSN N	/ODE	CLUSTER	HOURS	3	
	Kevin Bierlich	317 201	1990)	0840	65	MM	PRa	SF015	1.8	TRAVE	ΞL
	Sunny but it Angles Said it	nsanely Win	Jy	C).0hr = 58-3).1hr = 4-9	mins			ASSN DISP	┨ ` ~	SAMPL	LINC
ENT	Apple Sail it	I vest visual	Luj	C).2hr = 10-1).3 hr = 16-	21 mins	84.	,2	MILEAGE	1.0	EDIT	
COMMENT	Virigina) 2mil 1	1 / 10	Un!	C).4hr = 22-2).5hr = 28-3	33 mins	3 ()	EXPENSES			
Ö	20 hal nevi al	s needs		0).6hr = 34-3).7hr = 40-4	15 mins						
).8hr = 46-5).9hr = 52-5							
	ignment dispositions: 1=Complete,	2=Reassigned, 6=Canc	elled		IPR2		FORM C	DUNTS	PR1 BQATS		FFORT]
	Edited. By:	LUCAS	L		ONLY	2 or 2 ATS	0 or TS	SPEC	IAL FISHERY	TED RS	NH.	
	SITE NAME / COMMENT	TIMI	F	START	STOP	Status 1-2 or CRFS BOATS	STATUS 0 or NF BOATS	В	С	ESTIMATED ANGLERS	EST. FSHN BOATS	
		10 2 1 7 1 1			ST	Sta	ST,			AN ES	ES	9
	-)	465 ARRV 11.00		0	0	·				12		MM
1	SITE	100			FFORT					/		BE
	DISPO	10.0			PR2	f 1.	_			N	N	PC
	CNTY		MM	1(0	1		5			114	5	PF
ŀ	SITE		BB		FFORT							MM
2	DISPO		PC		PR2							BB
	HRS		PR									PR
	CNTY		ММ									ММ
2	SITE		ВВ	⊠-EF	FFORT							ВВ
3	DISPO	STOP	PC [ММ	☐ PR2							PC
	HRS	DEPR	PR			-						PR
\neg	CNTY	ARRV	ММ									ММ
4	SITE	STRT	ВВ	⊠-EF	FORT	-						ВВ
7	DISPO	STOP	PC [MM	☐ PR2					ľ		PC
	HRS	DEPR	PR									PR
	CNTY	ARRV	ММ									ММ
5	SITE	STRT	ВВ	⊠-EF	FORT							ВВ
	DISPO	STOP	PC [MM	☐ PR2							PC
	HRS	DEPR	PR									PR
-	CNTY	ARRV	MM									ММ
6	SITE		ВВ	⊠-EF								BB
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05-												_
CRF:		KING COHO KING (AG S		BS UN	OBS OB	S UNC		MTH O	N OF	_

Site dispositions: 0=Pressure check, 4=Low Effort, 5=Other (comment), 7=Roving (MM, BB or PR2). Total Effort: / =Mode present but total not determined N=Mode not possible at site. Status1&2 are good angler forms, CRFS boats are PR1, Status 0 are angler forms, NF boats are PR1 non-fishing

		CNTY	ARRV	MM		ММ
7		SITE	STRT	BB ⊠-EFFORT		ВВ
7		DISPO	STOP	PC MM PR2		PC
		HRS	DEPR	PR		PR
		CNTY	ARRV	MM	<i></i>	ММ
0		SITE	STRT	BB ⊠-EFFORT		BB
8	1	DISPO	STOP .	PC MM PR2		PC
		HRS	DEPR	PR		PR
		CNTY	ARRV	ММ	Samuran Samuran	MM;
9		SITE	STRT	BB ⊠-EFFORT		BB
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וטו		DISPO	STOP	PC MM PR2		PC
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		CNTY	ARRV	MM	·	MM
11		SITE	STRT	BB ⊠-EFFORT		BB
' ' '		DISPO	STOP	PC MM PR2		PC
		HRS	DEPR	PR		PR
		CNTY	ARRV	MM	NIIIIIIII	 MM
12		SITE	STRT	BB ⊠-EFFORT		BB
12		DISPO .	STOP .	PC MM PR2		PC
		HRS	DEPR	PR		PR
		CNTY	ARRV	MM		MM
13		SITE	STRT	BB ⊠-EFFORT		ВВ
13		DISPO	STOP	PC MM PR2		PC
		HRS	DEPR	PR		PR
		CNTY	ARRV	MM		MM
14		SITE	STRT	BB ⊠-EFFORT		BB
1-7		DISPO	STOP	PC MM PR2		PC
		HRS	DEPR	PR	<u>i</u>	PR

PR1 TOTAL EFFORT ESTIMATION FORMULA

$$\frac{13}{\text{TOTAL}} \div \frac{5}{\text{CRFS}} = 2.6$$
ANGS BOATS C

$$\frac{2}{A} \times \frac{2}{B} = \frac{4}{D}$$

$$\frac{2.6 \times .4}{c} = \frac{1.04}{E}$$

$$\frac{1.04}{E} + \frac{13}{\text{TOTAL}} = \frac{14}{\text{EST.}}$$
ANGS ANGLERS

.4	+ 5 =	5
D D	CRFS	EST. FISH
"	BOATS	BOATS

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. 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 D.* Non-C. # PR2 Boats * Missed TR skipped started fishing TR Launched Fishing TR Since last interview Since last interview Since last PR2 boat Since Jast PR2 boat Since Jast PR2 boat B1. Interview # of first boat angler. 1.Assignment No Sampler (B2-B11 - First Boat Angler ONLY) B3.*PR Trailer in Count 3. Month/Day B2. # Anglers in boat 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. 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 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 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 Kev in the mode of [feet] Refusals Barriers Refusals ŭ fishing above E1. Fishing Effort Area: Ocean (or open bay), River, _3. 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 [Record code(s) at L2]; **Target** 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)? *F4. # of contributors If yes, code F4-5 >> 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 sport fin-fishing in CALIFORNIA... A2. Zip code? A6...in last 12 A7...in last 2 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 Codes: 0=No 1=Yes 99...8 = Don't know (DK)

| Solution | Solut 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 ✓ 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)

1=Thrown back alive (type 2)

3=Eat (fillets) 4=Bait 5=Give away 6=Throw back dead

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

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| Solution | Solut 99...9 = 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 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)

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ANGLER FORM - CRFS 2011 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. 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 lD.* Non-Missed TR skipped started fishing TR Launched Fishing TR Since last interview Since last interview Since last PR2 boat Since last PR2 boat B1. Interview # of first boat angler. 1.Assignment No 2. Sampler (B2-B11 - First Boat Angler ONLY) B3.*PR Trailer in Count Month/Day B2. # Anglers in boat 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. 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 Mode: 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: 2 =Non-key refusal L5. Bottom Depth(s) < These must be # of Initial # Language # of Kev in the mode of [feet] Refusals Barriers Refusals fishing above E1. Fishing Effort Area: Ocean (or open bay), River, _3. Format: L6. Depthfinder used? Bay or harbor, S.F. Bay, Mexico 8=DK 9=Refuse

1	E2.Gear: 1=Hook & line 2=Dip net 3=Cast net 8=Spear 9=Hand Lob/Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tank E3. Wet Gear hours fishing in <u>above mode</u> ?	1=Degrees° mins'+grid size 3=Degrees° mins' secs" 4=Decimal. degrees° 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/Lorar
5	HFEN Sharks	Fishing Site Name [Record code(s) at L2]:
100	N Z S A	=

Skate) & Kays

F=Same as first boat angler 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

Bite name

L7. All catch from this location?1=Yes, 0=No, then ✓ fish from Location on back. 8=No catch

Months?

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 9=Refused

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) <black> = Not Applicable 99...9 = 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 R Sex TYPE 3 EXAMINED CATCH Fish 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)

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99...8 = Don't know (DK)

blank> = Not Applicable 99...9 = Refused (RE)

Correct Number Format: 123456789

Codes:

0=No 1=Yes

ANGLER FORM - CREEL TYPE 2 REPORTED OR UNAV	/AILABLE C	CAT						IE ANG	<u>SLEF</u>	R ON	TH	IIS I	OF	<u>RM</u>)	*Disposition	Location		
Common Name	*5	Speci	es	-27	* No.										*	_ <u>_</u>		
Dar Kays	KY	6	A	7			2								A			1
Common Name But Ruys Sharks	SH	G	E	N		Ì	4								1			2
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TYPE 3 EXAMINED CATCH ✓ GROUP Catch	*(Speci	ies		* No.	of Fi	ish	Fork L	en. (n	nm)	,	Weig	ht (k	(g)	D	L	Fish Sex	
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* What did you do or plan to do with the majority of the fish? (key question)

1=Thrown back alive (type 2)

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4=Bait

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Privacy Act: Participation in this survey is voluntary. The survey is being conducted in accordance with the Privacy Act

_		Act: Participation in this survey is voluntary. The suritem (needed for estimations). The interview is not	-	y is being conducted in accordance with the Privacy Act. id 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> ou		Pa #
MMPR2	Since	A.* MM Anglers skipped B. MM Anglers that started fishing started fishing	*	C. # PR2 Boats TR Launched Since last PR2 boat
*	ł	1.Assignment No * 3 2. Sampler	*	B1. Interview # of first boat angler. (B2-B11 - First Boat Angler ONLY)
*	0	と 2 O 3. Month/Day	Intercept	A D2 *DD Trailer in Count
*	0	4. Interview #	*	C () R4 Departure Time?
*		3 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
*	\Box	9 5 - 7. Cnty-Site Code	*	* B8. CPFV - DFG Boat Number
		Site Name nterview at site	*	* B9. CPFV Boat Name:
*	8	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		301 - 157 (Supplemental Supplemental Supplem
	0	# of Initial Refusals # Language Barriers # of Key Refusals * These must be in the mode of fishing above		Depth(s) [feet]
*	5	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+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
1	\bigcirc	Ani	Species	Fishing Site Name [Record code(s) at L2]:
2	\bigcirc	Any	Target S	L7. All catch from this location?1=Yes, 0=No, then ✓ fish from Location on back. 8=No catch
*	F=San	re as first boat angler 0 = Anything 1 = Bottomfish F2. Reported or unavailable catch (for this angler only)? # F3. Examined cat If yes, code F4-5 >>		
*	5	1=Yes, 0=No 1=Yes, 0=No 1=Yes, 0=No 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
	9	A2. Zip code?		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	FS E	ECONOMIC SURVEY: Name, Address, e-mail, telephone (R=refusal)
		A4. Daily License # Days		
	0			
	Code	s: 0=No 1=Yes 998 = Don't know (DK) <black> = N</black>	ot 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 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 =Give away =Throw back dead 8=Don't know (type 3)

9=Refused (type 3)

¹⁼Thrown back alive (type 2)

(V5, 1/3/2011)

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 <u>B</u> or	nus MM or PR2,	CPFV <u>C</u> rew, <u>T</u> ou	ımame	ent, PR	<u>P</u> rivate	Access,	<u>L</u> obster o	nly, <u>D</u> =0	Crab only			Pg#	of #		
MMPR2	Since	A.* MM Angle skipped ast interview	•		M Anglers that arted fishing	*	Since	/ N I	C. # PR TR Laur		\bigcirc).* Non- ishing Ti boat		Jast PR	E.* Missed	TR	X-Effort
*		1.Assignment No	*31	7 2. Sa	mpler	*			5 B				oat angle					oats
	7	0.00		3		Intercept			*C3*			- FIRSU	Boat Ang			iler in Cou	nt	on T
		0 2 0 3.	Month/Day						B2. # A	nglers ir —	n boat			1		s, 0=No, K=k		
*		4. Interv	iew#			*						ure Time				B5.*	t. Date	
*	1	3255.	Time intervi	ew started (24	Hr:Min)	*			istance	 1 <=3	3 mi. Cod	e if island	-		B7. <:	=3 mi. CA		
*		95.	00	7. Cnty-Site	e Code	*		Irom a	any shore	e / 2 mo	re man 3	mı.	B8	CPFV -		Boat Numb		
	8. S	ite Name						DEM						0111	DI 0 I	Doat Humi)CI	
	First in	terview at site				•	B9. C	PFV B	oat Nam	ne: 								
*	8	Mode: Structure, 5	5=Beach/Bank, 6	<water, 3="Bridge/C<br">5=Party Boat (per h d), 8=Private/Renta</water,>	auseway, 4 =Other nead), al boat		3	L1. B0	DATS: A	s ked Fi	shing L	ocation	? 1=Yes,	0=No, 3=	=Same a	as First		lon
*	1	10. Status: 0=Effort-cl 2 =Non-ke		n, 1=Complete,								(s)uc				L5. Bottom	,	Location
	1 11	# of Initial # L	anguage	# of Key Refusals	< These must be in the mode of					<u>.</u>		Location(s)				Depth(s) [feet]	•	
		E1. Fishing Effort Area			fishing above	<u>-</u>		13 F	ormat:			[2]				•		
•)	Bay or harbor, S.F				Effort	$ldsymbol{}$	8=DK 9	9=Refuse	÷			L6. I	Depthfi	nder us	sed?		
*		E2.Gear: 1=Hook & line Lob/Crab: Flat#, Rigid#,			9=Hand		3=Degr	rees° mi	ins'+grid s ins' secs"	ize								
*		L) (7 E3. Wet	Gear hours	fishing in <u>abov</u>	<u>e_mode</u> ?		i	G Block	grees :-Box <+gr o, B-b-b-b,									
*		E4. SHO)RE trip add'	'nl hours. 0=C	Complete		'	,	,	, 3			Check a	II that apply	1			
ļ		Trip must be	∋ 1/2 done. 50% of	all interviews must be	"complete".		L4. Ar	ngler g	ave loca	tion usir	ng: 🗀	Chart				Site name	`	
1	F						Fishin	_	Name (s) at L2]:									
2	7		 			Tarqet Sp					ocation	21-Vaa	O-No th	on / fin		Location on	:	
L	=Sam	e as first boat angler	0 = Anything	g 1 = Bott		_ Ta						8=No	catch	en v ns		Location on	Dack.	L
*	1	-2. Reported or una catch (for this angler	vailable	* F3.	Examined cat					THIS F		. [THER FOR		Fish
L		I=Yes, 0=No		1=Yes,			L			4. # of o						Interview #		_[
*	A	L A A1.RESI	JENCE? CA	County, State, Co	ountry(don't know,	get cit	ty)	OK √ s	A6-7. No sport fin-	t countir fishing ir	ng today n CALIF	y, how r	nany day	s have	you go	one saltwa	ter	Angler
	9	4605	A2. Zip co 9=Refused 8=DK (get city							3	A6in	last 12 s?			/ \ \	A7in last Months?		ائد
*	1	A3. License Type: 0=1 educed fee), 3=Daily, red	None, 1=Annua		life, free, NM	FS E	CONO	MIC S	URVEY:	Name,			ail, telep	hone (I	\ /			
ľ	7	A4. Daily Licen	•															
-			•															
0	odes	: 0=No 1=Yes	998 = D	on't know (DK)	 	ot Ap	plicable	 e 99	9 = Re	efused (i	RE)	Correc	ct Numb	er Forr	 nat: 1	234567	89	

ANGLER FORM - CREEL SURVEY Location 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) * 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

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

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

(V5, 1/3/2011)

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

*;	vacy Act: Participation in this survey is voluntary. The su - Key item (needed for estimations). The interview is not	ırvey vali	is being d if respo	conducted nse to any	l in accord key item i	ance with s missing.	the Privacy A	Act.	
	SPECIAL FISHERY CODE Bonus MM or PR2, CPFV Crew, Tou						Pg	# of #	
	A.* MM Anglers * B. MM Anglers that started fishing Since last interview Since last interview	*	Since last F	C. # PR2 TR Launci	hed (D.* N Fishi Jast PR2 boat	lon- ng TR Since Jast I	E.* Missed TR	X-Effort
4	1.Assignment No * 3 2. Sampler	-		B1.	Interview # o	of first boat a	angler.		
	2 July 2. Sample	Intercept			<u>(B2-B1</u>	1 - First Boat	Angler ONLY)		Boa
4	3. Month/Day	Ē.		B2. # Ang	lers in boat		1 1	Frailer in Count Yes, 0=No, K=kayak	
4	4. Interview #	*			B4. Depart		7.00.	B5.*	
4	5. Time interview started (24 Hr:Min)	*	1 1	Distance any shore?	1 <=3 mi. Coo	de if island ->	B7.	Deprt. Date . <=3 mi. CA Island	
4	095 - (0 7. Cnty-Site Code	*		I diffy offore:			B8. CPFV - DF	G 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	manual and	L1.	BOATS: Ask	ced Fishing L	ocation? 1=	Yes, 0= No, 3= Sam	ne as First	
*	10. Status: 0=Effort-change-only form, 1=Complete, 2 =Non-key refusal					ion(s)		L5. Bottom	Location
	# of Initial Refusals # Language Barriers # of Key Refusals in the mode of	-		-		L2. Location(s)		Depth(s) [feet]	
*	E1. Fishing Effort Area: Ocean (or open bay), River, Bay or harbor, S.F. Bay, Mexico	Effort		Format: 9=Refuse			L6. Depthfinder	l 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° 3=Degrees°	mins'+grid size mins' secs"					
*	E3. Wet Gear hours fishing in above mode?			degrees° ck-Box <+grid : b-b, B-b-b-b, B-					
*	E4. SHORE trip add'nl hours. 0=Complete		2,23,5	0 0, 0 0 0 0, 0	D-g	c	heck all that apply		
	Trip must be 1/2 done. 50% of all interviews must be "complete".		L4. Angler	gave locatio	n using:	Chart	GPS/Loran	Site name	
1		Species	Fishing Sit [Record cod					_	
2		Target	L7. A	All catch from	this location	?1=Yes, 0=N 8=No catch	lo, then ✓ fish from	m Location on back.	
	F=Same as first boat angler 0 = Anything 1 = Bottomfish F2. Reported or unavailable * F3. Examined cate			ONIT	HIS FORM			OTHER FORM	
*	catch (for this angler only)? 1=Yes, 0=No 1=Yes, 0=No 1=Yes, 0=No			I I	# of contribu	itors		OTHER FORM 5. Interview ###	Fish
*	A1.RESIDENCE? CA County, State, Country(don't know,	get ci	y) □ DK ✓	A6-7. Not co	ounting toda	y, how many	/ days have you	gone saltwater	Angler
	A2. Zip code? 9=Refused 8=DK (get city)_					last 12		A7in last 2 Months?	
*		FS E	CONOMIC	SURVEY: N	- 1		elephone (R=re		
	A4. Daily License # Days								
	Codes: 0=No 1=Yes 998 = Don't know (DK) blank> = No	ot Ap	plicable !	999 = Refu	sed (RE)	Correct No	umber Format:	123456789	1

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) DL *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)

4=Bait

8=Don't know (type 3)

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

¹⁼Thrown back alive (type 2)

³⁼Eat (fillets)

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%)

	ivacy Act: Participation in this survey is vol = Key item (needed for estimations). The in				
	SPECIAL FISHERY CODE Bonus MM or PR			Pa #	
MMPR2	A.* MM Anglers B. Since last interview Since last interview	MM Anglers that started fishing Since las	C. # PR2 Boats TR Launched stPR2 boat Since	D.* Non- Fishing TR E.* Missed TR Jast PR2 boat Since Jast PR2 boat	>-
*	* 1.Assignment No * 3) 7 2.	Sampler 5		of first boat angler. 1 - First Boat AnglerONLY)	
*	08203. Month/Day	Sampler #	B2. # Anglers in boat	B3.*PR Trailer in Count Area? 1=Yes, 0=No, K=kayak	
*	4. Interview #	*	B4. Departu	ure Time? B5.**	
*	5. Time interview started	('2/1 Hr:Min) #	6. Distance 1 <=3 mi. Cod om any shore? 2 more than 3	de if island ->	
*	095 - 1007. Cnty	-Site Code *		B8. CPFV - DFG Boat Number	
	8. Site Name First interview at site	* B9. CP	FV Boat Name:		
*	1=Pier/Dock, 2=Jetty/Breakwater, 3=Bridg 9. Mode: Structure, 5=Beach/Bank, 6=Party Boat (proup paid), 8=Private/R	per head),	1. BOATS: Asked Fishing L	_ocation? 1=Yes, 0=No, 3=Same as First	
*	10. Status: 0=Effort-change-only form, 1=Comple 2 =Non-key refusal	te,		(s) L5. Bottom	I ocation
	# of Initial Refusals # Language Barriers # of Key Refusals	< These must be in the mode of fishing above		L5. Bottom Depth(s) [feet]	
*	E1. Fishing Effort Area: Ocean (or open bay), Ri Bay or harbor, S.F. Bay, M exico	ver,	3. Format: =DK 9=Refuse	L6. Depthfinder used?	
	E2.Gear: 1=Hook & line 2=Dip net 3=Cast net 8=S Lob/Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tan	k 3=Degree	es° mins'+grid size es° mins' secs" al. degrees°		
*	E3. Wet Gear hours fishing in all	bove mode? 5=CDFG B, B-b,	Block-Box <+grid size> , B-b-b, B-b-b-b, B-b+y		
*	E4. SHORE trip add'nI hours. (Trip must be 1/2 done. 50% of all interviews mu		ler gave location using:	Check all that apply Chart GPS/Loran Site name	
1	1	·a	Site Name code(s) at L2]:		
2	2		7. All catch from this location	n?1=Yes, 0=No, then ✓ fish from Location on back 8=No catch	k.
*	F2. Reported or unavailable atch (for this angler only)?	F3. Examined catch? yes, code F4-5 >>	ON THIS FORM *F4. # of contribu	ON OTHER FORM	Fish
*	A1.RESIDENCE? CA County State	/es, 0=No e, Country(don't know, get city)	A6-7. Not counting toda sport fin-fishing in CALII	ay, how many days have you gone saltwater	Angler
	A2. Zip code? 9=Refused 8=DK (get city)		A6ir Month	n last 12 A7in last 2 Months?	
*	A3. License Type: 0=None, 1=Annual (res., non-n reduced fee), 3=Daily, record days	as., life, free, <u>NMFS_ECONON</u>	iil Sukvey: Name, Addre	ess, e-mail, telephone (R=refusal)	
	A4. Daily License # Days				
	Codes: 0=No 1=Yes 998 = Don't know (DK) <base/> blank> = Not Applicable	999 = 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) ✓ GROUP Catch *Species * No. of Fish 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

5=Give away

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

¹⁼Thrown back alive (type 2)

ANGLER FORM - CREEL SURVEY *Disposition TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) Common Name *Species * No. of Fish Sex TYPE 3 EXAMINED CATCH Fish ✓ 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)

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

4=Bait

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%)

	special Fishery Code Bonus MM or PR2, CPFV Crew, Iour		Pg # of #
ince	A.* MM Anglers skipped Since last interview A.* MM Anglers that started fishing	*	C. # PR2 Boats TR Launched Since last PR2 boat
,	1.Assignment No * 2 2. Sampler	*	B1. Interview # of first boat angler.
1	1.Assignment No	Intercept	(B2-B11 - First Boat Angler ONLY) B3.*PR Trailer in Count
0	3. Month/Day	= *	\ Area? 1=Yes, 0=No, K=kayak
	4. Interview #	*	B4. Departure Time? B5.* Deprt. Da
\	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 Islan
7	7. Cnty-Site Code	*	B8. CPFV - DFG Boat Number
	Site Name interview at site	*	B9. CPFV Boat Name:
8	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	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		Sol-156 (\$\text{\$\ext{\$\exitin{\ext{\$\text{\$\exitin}\$\$}\exittt{\$\text{\$\}}\$}}}\$}}}}}}}}}}}}}}}}}}}}}}}}}}}}}
0	# of Initial Refusals # Language Barriers # of Key Refusals	- 1	og [feet]
S	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?
1	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 above mode?		5=CDFG Block-Box <+grid size> B, B-b, B-b-b, B-b-b-b, B-b+y
	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	TRAS Styled Basi	Species	Fishing Site Name [Record code(s) at L2]:
	Any	Target S	L7. All catch from this location?1=Yes, 0=No, then ✓ fish from Location on ba
F=Sa	F2. Reported or unavailable catch (for this angler only)? 1 = Bottomfish F3. Examined of If yes, code F4-5		? ON THIS FORM ON OTHER FORM *F4. # of contributors *F5. Interview ###
ζ	1=Yes, 0=No 1=Yes, 0=No A1.RESIDENCE? CA County, State, Country(don't known to the country)	ow, ge	A6-7. Not counting today, how many days have you gone saltwate sport fin-fishing in CALIFORNIA
C			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	NMFS	S ECONOMIC SURVEY: Name, Address, e-mail, telephone (R=refusal)
	A4. Daily License # Days		

(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 Act	t: Parti	cipatio	n in this r estimat	surve tions)	ey is volu . The in	intary. Th terview is	e surv	ey alid	is bein I if resp	ig co ons	nducte e to an	ed in a ny key	ccord	ance s mis	with sing.	the P	rivac	y Act		•)	
							?, CPFV <u>C</u> rev												Pg #	of	#]
REMEDING		/ 1	MM Ang tipped	lers "	Since	1.0	MM Anglers started fishi		*	Since las		C. # PR TR Laun boat			Jast PR:	D.* N Fishir 2 boat	ng TR	Since Ja	ast PR2	E.* Misse	ed TR	X-Effort
*	1.	.Assignm	ent No	* 3		7 2.8	Sampler	eo -	*		0	O B1	. Inter	view # (-	ONLY)			Boats
*	06	32	3	B. Month/D	ay			Intercept	*		E	32. # Ar	nglers i	n boat						ler in Co		
*		10	4. Inter	view#					*					Depart or day re						B5.		
*		53	8) 5	. Time int	erview	v started (2	24 Hr:Min)		*	1 1		stance ny shore		3 mi. Coo ore than 3		nd ->		·	B7. <=	3 mi. CA		
*	\bigcirc	95] - [0	0	7. Cnty-9	Site Code		*								B8. CF	PFV -	DFG E	Boat Num	ber	
		e Name view at site							*	В9. СРІ	FV Bo	oat Nam	e:									
*	9.		Structure,	ock, 2 =Jetty/E , 5 =Beach/Ba r Boat (group	nk, 6= P	arty Boat (pe		Other		3 L	1. BO	ATS: A	sked F	ishing L	ocatio	n? 1=	Yes, 0=I	No, 3=	Same a	s First		tion
*	10). Status:		change-only key refusal	form,	1=Complete									Location(s)					_5. Botto		Location
	Ref	of Initial efusals	B	Language arriers		# of Key Refusals	These me in the moderning at fishing at	de of							L2. Loc	_		_		Depth(s) [feet]	1	
*	5 E1			ea: O cean (.F. Bay, M e		n bay), R ive	er,	Effort		8=		=Refuse					L6. De	pthfin	der us	ed?		1
				e 2=Dip net , Pots#, sna						1=Degree 3=Degree 4=Decima	es° mir	is' secs"	ze									l
*	3	1/1					ove mode?			5=CDFG B, B-b,		Box <+gri , B-b-b-b,										II
*				DRE Trip & be 1/2 done. 5			Complete be "complete".			L4. Angl	ler ga	ve locat	tion usi	ng: T	Char		heck all the	^{at apply} Loran		ite name		
1	F							Species	- 1	Fishing [Record					_		_					
2	F							Target 5		L7	'. All d	catch fro	m this	location	n?1=Ye 8=N	es, 0 =N	lo, then	✓ fish	from L	ocation or	= n back.	
*	F2.	s first boat c. Reporte tch (for th Yes, 0=No	ed or una	0 = Any available r only)?	/thing	O # F	ottomfish 3. Examine es, code F4 s, 0=No		?				THIS I 4. # of	ORM contribu				- 1		HER FO		Fish
*	5 (IDENCE?	CA Co		Country(don't	know, ge	t cit	y) DK	A sr	6-7. Not	counti	ng toda	y, how	many	days	have y	you go	ne saltwa	ater	Angler
	94	15	8	A2. Zi	ed	?			_		Ė			7	ı last 1		Γ		3.1	7in las lonths?		•
*		. License uced fee), :				res., non-res	., life, free,	NMFS	<u>E</u>	<u>CONOM</u>	IC SI	JRVEY:	Name			mail, t	L elepho	ne (R	\sim			
		A4. Da	aily Licer	nse # Day	s												-					
	Codes:	N=No	1=Yes	00 0	= Don'	t know (D	V) ahland	k1=4	۸	alia - l- l				DE. 1				_				
	J0003.	<u> </u>	1-162		- 1701)	t know (D	K) <blank:< td=""><td>> = NOt /</td><td>AP</td><td>Dicable</td><td>99.</td><td>9 = Re</td><td>tused (</td><td>KE)</td><td>Corr</td><td>ect Nu</td><td>umber</td><td>Form</td><td>at: 1</td><td>234567</td><td>789 </td><td></td></blank:<>	> = NOt /	AP	Dicable	99.	9 = Re	tused (KE)	Corr	ect Nu	umber	Form	at: 1	234567	789	

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 * No. of Fish Fork Len. (mm) Weight (kg) D L ✓ GROUP Catch *Species * 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)

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%) 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. of# 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 last interview ince last PR2 boa B1. Interview # of first boat angler. Assignment No Sampler Intercept (B2-B11 - First Boat Angler ONLY) B3.*PR Trailer in Count 3. Month/Day B2. # Anglers in boat 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. Cnty-Site Code B8. CPFV - DFG Boat Number 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. L2. Location(s) 10. Status: L5. Bottom 2 =Non-key refusal Depth(s) < These must be # Language # of Initial # of Key in the mode of [feet] Refusals Barriers Refusals 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^c 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-b+y 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: GPS/Loran Bite name Fishing Site Name [Record code(s) at L2]: 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 sport fin-fishing in CALIFORNIA... A2. Zip code?

A6...in last 12 A7...in last 2 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) <black> = Not Applicable 99...9 = 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 Common Name *Species Fish Sex TYPE 3 EXAMINED CATCH *Species * No. of Fish Fork Len. (mm) Weight (kg) D ✓ GROUP Catch * 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)

3=Eat (fillets) 4=Bait

5=Give away 6=Throw back dead

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

T=Transitional ✓=Catch at Location

¹⁼Thrown back alive (type 2)

(V5, 1/3/2011)

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

* =	Key	item (nee	ded for estim	ations). The	oluntary. The suinterview is not	ırvey valid	is bei	ing co spons	e to any	ed in a y key	item i	ance s mis	with sing.	the F	rivac	y Act			
		SPECIAL	FISHERY CODE	Bonus MM or F	PR2, CPFV <u>C</u> rew, <u>T</u> o	urnam	ent, PR	Private /	Access, <u>L</u>	obster o	only, <u>D</u> =0	Crab or	niy			Pg #	0	f#	7
MMDD2	Since		MM Anglers ipped	* Since Jast interv	B. MM Anglers that started fishing	*	Since	1 11	C. # PR2 TR Laund		\bigcirc	Jast PR		lon- ng TR	Since Ja	\smile	E.* Miss	ed TR	X-ETTOR
*		1.Assignm	ent No * 3	1 7 2	2. Sampler	*		ĺ	B1.		/iew # c			-	rONLY				- Joate
*	()	82	3. Month	/Day		Intercept *		E	32. # An						B3.*P	R Tra	ler in Co		
*		12	4. Interview #			*					Departu or day red				7 41001	1 100	B5	•	
*	1	66	5. Time	interview started	d (24 Hr:Min)	*	1 1	B6. Dis	stance ny shore		3 mi. Cod re than 3		ind ->			B7. <=	3 mi. C	•	
*	\bigcirc	95	- I C	7. Cnt	y-Site Code	*								B8. C	PFV -	DFG E	Boat Nur	nber	
		Site Name interview at site				*	B9. CI	PFV Bo	oat Name	9:				•					
*	8	9. Mode:	Structure, 5=Beach	y/Breakwater, 3 =Brid /Bank, 6 =Party Boat oup paid), 8 =Private/		-	3	L1. B0	ATS: As	ked Fi	ishing L	ocatio	n? 1=	Yes, 0=	:No, 3=8	Same a	s First		uo
*		10. Status:	0=Effort-change-or 2 =Non-key refusa	nly form, 1=Compl								Location(s)			_		_5. Botto		Location
	0	# of Initial Refusals	# Language Barriers	# of Key Refusals	These must be in the mode of fishing above				-			L2. Loc					Depth(s [feet]	;)	
*	5		Effort Area: O cea narbor, S .F. Bay,	n (or open bay), R M exico	liver,	Effort		L3. Fo B=DK 9	rmat: =Refuse					L6. De	epthfine	der us	ed?		
	1	E2.Gear: 1=H Lob/Crab: Fla	Hook & line 2=Dip n ht#, Rigid#, Pots#, s	et 3=Cast net 8=9 narE, sCuba, N o ta	Spear 9=Hand nk		1=Degre 3=Degre 4=Decir	ees° mir		ze		•							
*		45		hours fishing in ¿			5=CDF	3 Block-	Box <+grid , &-b-b-b, E										
*			1	p add'nl hours 50% of all interviews m	•		L4. An	gler ga	ve locati	on usir	ng:	Cha		GPS	nat apply /Loran		ite nam	e	
1	F					Species	Fishing [Record	•	Name s) at L2];		_	-		_					
2	F					Target	L	.7. All d	catch fror	m this I	ocation	?1=Ye 8=N	es, 0 =N	lo, ther	ı ✓ fish	from L	ocation o	= on back.	
*	\		ed or unavailable is angler only)?	e If	= Bottomfish F3. Examined ca yes, code F4-5 >> Yes, 0=No					THIS F	ORM	itors [- 1		HER FC		Fish
*	5				te, Country(don't know	, get ci	ty)	ok√ s	6-7. Not	countir	ng today	y, how	many	/ days	have y	ou go	ne saltw	ater	Angler
	9	56	9=Ref	Zip code?						0	A6in Month	last 1		Γ) I	7in la: lonths?	st 2	4
*	1	A3. License reduced fee),		=Annual (res., non-	res., life, free, NN	IFS E	<u>CONOI</u>	MIC SI	JRVEY: I	Name,	1		mail, t	elepho	one (R	\sim			
		A4. Da	aily License # Da	ays															
	Codes	s: 0=No	1=Yes 99	Q = Don't know	(DK) <hlank> = N</hlank>	l-1.4											22454	_	

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 Fork Len. (mm) Weight (kg) D ✓ GROUP Catch *Species * No. of Fish * What did you do or plan to do with the majority of the fish? (key question)

4=Bait

6=Throw back dead

8=Don't know (type 3)

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

¹⁼Thrown back alive (type 2)

³⁼Eat (fillets)

⁵⁼Give away

(V5, 1/3/2011)

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.

k _	Key	item (need	led for estimat	tions). The in	terview is not	ıı vey : vali	d if re	eing cond esponse t	o any	in acc key ite	ordance m is mis	with ssing.	the P	rivacy .	Act.			
				Bonus MM or PR2										Pg	# [of #]
C. C. C. P. P. C. P. C. P.	Since		M Anglers *		MM Anglers that started fishing	*	Since	1.6	PR2 I Launch	ned (Since Jast PF		lon- ng TR	Since Jast		.* Missed	TR	X-Effort
#		1.Assignmer	nt No * 3	2.5	ampler	, *		L	B1.		w # of first		-) ats
*		87	3. Month/D	Dav		Intercept		R2	# Ana	lers in be	2-B11 - Fir	St Boat	$\overline{}$		Traile	er in Cour	ıt	ă
		12		-w _j			_	DZ.	# Ally	7	oai parture Ti	mo?		Area? 1=	Yes,	0=No, K =ka	ıyak	
•	1	10	4. Interview #			*				if prior da	ay record da	ate>				B5. * Deprt	. Date	
*		@	5. Time int	terview started (2	4 Hr:Min)	*		B6. Distar			i. Code if isl han 3 mi.	and ->		В7	'. <=3	3 mi. CA Is	sland	
*	0	95	- // 0	7. Cnty-S	ite Code	*							B8. C	—— P FV - Df	G B	oat Numb	er	
	1	Site Name nterview at site				*	B9. C	PFV Boat	Name:									
*	8	9. Mode : s	Structure, 5 =Beach/Ba	Breakwater, 3=Bridge ank, 6=Party Boat (pe	r head),		3	L1. BOAT	S: Ask	ed Fishi	ing Location	on? 1=	Yes, 0=	No. 3=Sar	me as	First	——	L
*	1	10 Status: 0)=Effort-change-only	p paid), 8 =Private/Rer y form, 1 =Complete				<u> </u>	_				<u> </u>		٦			Location
	1	# of Initial	# Language	# of Key	< These must be	•	-		_		Location(s)				- 1	5. Bottom Depth(s)		
	\sim	Refusals	Barriers	Refusals	in the mode of fishing above		_	l	<u> </u>							[feet]		
*	5		rbor, S.F. Bay, M e	(or open bay), R ive exico	r,	Effort		L3. Forma 8=DK 9=Re	fuse				L6. De	pthfinde	r use	d?		
		E2.Gear: 1=Ho Lob/Crab: Flat#	ook & line 2=Dip net [‡] , Rigid#, Pots#, sna	3=Cast net 8=Spe arE, sCuba, No tank	ar 9=Hand		3=Deg	rees° mins'+ç rees° mins' s	ecs"									l
*		45	3. Wet Gear ho	ours fishing in <u>abo</u>	o <u>ve mode</u> ?	Į.	5=CDF	imal. degrees FG Block-Box I-b, B-b-b, B-b	<+grid s									
*				add'nl hours. 0=	-							C	heck all th	at apply				
			Trip must be 1/2 done. 5	50% of all interviews must	be "complete". 	Si	ŀ	ngler gave ng Site Nam		n using:	Cha	ırt 🗀]GPS	/Loran [Si	te name		
1	1					: Species		rd code(s) a										
2	F					Target		L7. All cato	h from	this loca	ation?1=Y 8=N	es, 0 =N lo catch	lo, then	✓ fish from the first fir	om Lo	cation on t	oack.	
*	0		d or unavailable		ottomfish 3. Examined ca	tch?			ON TI	HIS FOF	RM			ON	OTH	ER FORI	<u> </u>	Fish
		1=Yes, 0=No	angler only)?	1=Ye:	s, code F4-5 >> s, 0=No				*F4.	# of con	tributors		_	* F	5. In	terview #	##	
*	5	0/6	1.RESIDENCE?	CA County, State,	Country(don't know	, get ci	ty)	A6-7 sport	. Not co	ounting t	today, how	v many	days	have you	u gon	e saltwate	er	Angler
	9	568	9=Refuse			_	. —			ς I	6in last 1	12			, ,	in last 2		<u>"</u>
*	1	A3. License T	S=DK (ge Type: 0=None, 1=A Daily, record days	Annual (res., non-res	, life, free, NM	IFS E	CONC	MIC SURV	/EY: N			-mail, t	elepho	ne (R=r				
			ly License # Day	<i>'</i> S														
			,															
	Codes	s: 0=No 1	=Yes 998	= Don't know (Di	() <blank></blank> = N	lot Ap	plicabl	e 999	= Refus	sed (RE)) Cor	rect N	umber	Format	: 12	345678	39	

ANGLER FORM - CREEL SURVEY Location TYPE 2 REPORTED OR UNAVAILABLE CATCH (ONLY FOR THE ANGLER ON THIS FORM) *Species * No. of Fish Common Name Sex TYPE 3 EXAMINED CATCH Fish * No. of Fish Fork Len. (mm) Weight (kg) D L ✓ GROUP Catch *Species * 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) 5=Give away

3=Eat (fillets) 4=Bait

6=Throw back dead

9=Refused (type 3)

T=Transitional ✓=Catch at Location

7=Some other purpose, specify under common name.

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(V5, 1/3/2011)

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* =	Key item (needed for estimations). The interview is not	velio	lid if response to any key item is missing.
	SPECIAL FISHERY CODE Bonus MM or PR2, CPFV Crew, Tou		Da #
AAAADD 2	A.* MM Anglers skipped B. MM Anglers that started fishing Since last interview Since last interview	*	# C. # PR2 Boats D.* Non-Fishing TR E.* Missed TR Since last PR2 boat Since last
*	1.Assignment No * 3 \ 7 2. Sampler	<u>.</u>	B1. Interview # of first boat angler.
*	3. Month/Day	Intercept	(B2-B11 - First Boat Angler ONLY) B3.*PR Trailer in Count
_			B2. # Anglers in boat B3. PK Trailer In Count Area? 1=Yes, 0=No, K=kayak
*	4. Interview #	*	if prior day record date> Deprt. Date
*	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
*	○ G 5 - 1 ○ ○ 7. Cnty-Site Code	*	* B8. CPFV - DFG Boat Number
	8. Site Name First interview at site	*	* B9. CPFV Boat Name:
*	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		
-	10. Status. 2 =Non-key refusal		L5. Bottom Depth(s)
	# of Initial Refusals # Language Barriers # for Key Refusals in the mode of fishing above		
*	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"
*	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+g 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		Farget Species	Fishing Site Name [Record code(s) at L2];
2		Tarqet	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		ON THIS FORM
*	catch (for this angler only)? If yes, code F4-5 >>		*F4. # of contributors ON OTHER FORM FE
*	1=Yes, 0=No 1=Yes, 0=No A1.RESIDENCE? CA County, State, Country(don't know,	get ci	
	A2. Zip code?		sport fin-fishing in CALIFORNIA A6in last 12 A7in last 2
*	A3. License Type: 0=None, 1=Annual (res., non-res., life, free,	FS F	Months? Months? ECONOMIC SURVEY: Name, Address, e-mail, telephone (R=refusal)
*	reduced fee), 3=Daily, record days		
	A4. Daily License # Days		
	Codes: O-No 1-Ves 00 0 D 111 (717)		
	Codes: 0=No 1=Yes 998 = Don't know (DK) blank> = No	ot Ap	Applicable 999 = 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 D L ✓ 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.

(V5, 1/3/2011)

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		valik	id it response to any key item is missing.
	SPECIAL FISHERY CODE Bonus MM or PR2, CPFV Crew, Tour	rname	nent, PR Private Access, Lobster only, D=Crab only
MMPR2	A.* MM Anglers skipped B. MM Anglers that started fishing Since last interview Since last interview	*	C. # PR2 Boats TR Launched Since last PR2 boat
*	1.Assignment No * 3 \ 7 2. Sampler	Intercept	B1. Interview # of first boat angler. (B2-B11 - First Boat Angler ONLY)
*	3. Month/Day	#	B2. # Anglers in boat B3.*PR Trailer in Count Area? 1=Yes, 0=No, K=kayak
*	4. Interview #	*	B4. Departure Time?
*	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
*	95 - 7. Cnty-Site Code	*	B8. CPFV - DFG Boat Number
	8. Site Name First interview at site	*	B9. CPFV Boat Name:
*	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
*	10. Status: 0=Effort-change-only form, 1=Complete, 2 =Non-key refusal		310-219 L5. Bottom
	# of Initial Refusals # Language Barriers # of Key Refusals # Canada		SIO - 219 L5. Bottom Depth(s) [feet]
*	F4 Fishing Effort Associated Asso	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"
*	E3. Wet Gear hours fishing in <u>above mode</u> ?		4=Decimal. degrees° 5=CDFG Block-Box <+grid size> B, B-b, B-b-b, B-b-b-b, B-b+y
*	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: Check all that apply Check all that apply Check all that apply Check all that apply
1	STUHT Strawson	Species	Fishing Site Name [Record code(s) at L2];
2		l arget Sp	L7. All catch from this location?1=Yes, 0=No, then ✓ fish from Location on back.
	F=Same as first boat angler 0 = Anything 1 = Bottomfish		8=No catch
*	F2. Reported or unavailable catch (for this angler only)? F3. Examined catch if yes, code F4-5 >>	_ ch?	ON THIS FORM *F4. # of contributors ON OTHER FORM F5. Interview ###
*	1=Yes, 0=No 1=Yes, 0=No A1.RESIDENCE? CA County, State, Country(don't know, g	get ci	A6-7. Not counting today, how many days have you gone saltwater
	9 1		Ab-7. Not counting today, how many days have you gone saltwater sport fin-fishing in CALIFORNIA Ab-7. Not counting today, how many days have you gone saltwater sport fin-fishing in CALIFORNIA
	9=Refused 8=DK (get city)	 FS F	Months? ECONOMIC SURVEY: Name, Address, e-mail, telephone (R=refusal)
*	reduced fee), 3=Daily, record days	- -	Triality (Triality) (Taking) (Taking) (Triality)
	A4. Daily License # Days		
Ī	Codes: 0=No 1=Yes 998 = Don't know (DK) <base/> > No	nt An	policable 99 9 = Refused (RE) Correct Number Formet: 122454700

TYPE 2 REPORTED OR UNAVAI Common Name			pec			* No.			<u> </u>	AINC	<u> </u>	<u>\ </u>	<u> </u>	110	1 01	<u>XIVI</u>)	*Disposition	Location	ı	
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				'											_					2
																				3
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TYPE 3 EXAMINED CATCH									_		,	,		\A/-:			_		Fish S	
✓ GROUP Catch	Г		Spec	ies		* No	of F	ish	Fo	rk L	en. (ı	nm)	Г	wei	ght (I	(g)	D	┪] [
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What did you do or plan to do w			Ţ			JĹ			JL				JL					\bot		

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%) 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. B1. Interview # of first boat angler. 1.Assignment No 2. Sampler Intercept (B2-B11 - First Boat Angler ONLY) B3.*PR Trailer in Count 3. Month/Day B2. # Anglers in boat Area? 1=Yes, 0=No, K=kayak **B4. Departure Time?** 4. 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. 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 0=Effort-change-only form, 1=Complete, Location(s 10. Status: 2 =Non-key refusal L5. Bottom < These must be Depth(s) # of Initial # Language # of Key in the mode of [feet] Refusals Barriers Refusals S 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 E2.Gear: 1=Hook & line 2=Dip net 3=Cast net 8=Spear 9=Hand 1=Degrees° mins'+grid size Lob/Crab: Flat#, Rigid#, Pots#, snarE, sCuba, No tank 3=Degrees° mins' secs" 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+y 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: GPS/Loran Chart Bite name Fishing Site Name [Record code(s) at L2]; 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 DK✓ sport fin-fishing in CALIFORNIA... A2. Zip code? A6...in last 12 A7...in last 2 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 Where other Z Intilities A4. Daily License # Days

Codes: 0=No 1=Yes 99...8 = Don't know (DK) <base 2...9 = Not Applicable 99...9 = 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 Fish Sex TYPE 3 EXAMINED CATCH Weight (kg) D *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)

3=Eat (fillets)

4=Bait

5=Give away 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)