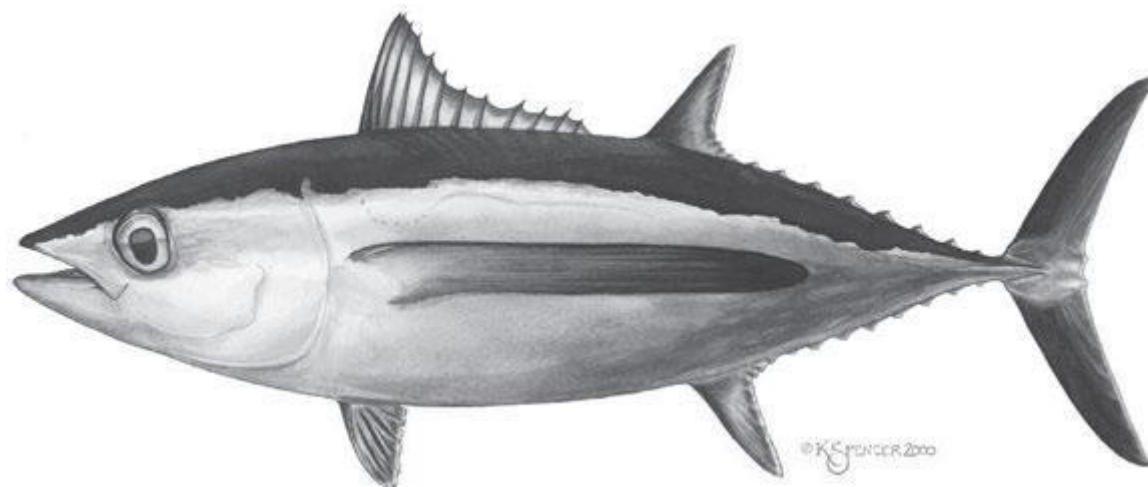


U.S. PACIFIC HIGHLY MIGRATORY SPECIES HOOK AND LINE LOGBOOK



U.S. NATIONAL MARINE FISHERIES SERVICE

(Twelfth Edition, May 2018)

INSTRUCTIONS FOR COMPLETING THE LOGBOOK FORM

Complete one line of the daily catch section for each day's fishing. Do not combine multiple trips on a single logbook page. Complete each column on the form by circling the appropriate selection or entering the appropriate information. Seven days of fishing can be recorded on each log sheet. **INSERT THE FOLDED FLAP OF THE BACK COVER UNDER THE YELLOW COPY OF THE SHEET BEING WRITTEN ON.** This will prevent the entries from being transferred to the underlying sheets. Sign and date each sheet that is submitted. Record the primary fishing gear used during the trip.

TOP OF THE PAGE

Enter the Vessel Name, Coast Guard Document Number or State Marine Board Number, Captain's Name, Departure and Arrival Ports, Port where catch was landed, Departure and Arrival Dates, Total Pounds Landed per trip including all fish sold and those kept for personal use. Also record all landing receipt numbers from all sales.

DAILY FISHING SECTIONS

1. **DATE:** Enter the date of fishing.
2. **FISHING CODE:** Circle the appropriate code number identifying the vessel's major activity during the day.
3. **LOCATION (LAT/LONG):** Enter the location (to the nearest minute) where most of the fish were caught.
4. **TARGET CATCH:**
 - SPECIES NAME:** Circle the species name or enter the name of other species that were targeted.
 - NUMBER KEPT:** Enter the total number of the indicated species caught and kept for the day. Enter 0 if no fish were caught and kept.
 - DISCARD NUMBERS:** Enter the total number of the indicated species discarded (dead or alive) for the day.
5. **HRS FISHED:** Enter the total number of hours (to the nearest whole hour) that fishing occurred during the day.
6. **BYCATCH:** Enter the species name, number kept and number discarded of species other than the target species that were caught during the day.
7. **COMMENTS:** Record any observations related to fishing activities such as number of gill net vessels seen during the day, percentage or numbers of catch that had gill net scars, movement of fish, type of feed, water color, bird flocks, temperature "edges" or "fronts", etc.
8. **SIGNATURE:** Sign and date each page.

SUBMITTING LOGBOOKS

This logbook is mandatory for all U.S. vessels using hook and line gear to fish for highly migratory species. Vessels are required to submit original (white forms) within 30 days after each trip to the following address:

**National Marine Fisheries Service
Southwest Fisheries Science Center
8901 La Jolla Shores Dr.
La Jolla, CA 92037**

ALL INFORMATION RECEIVED FROM YOU WILL BE KEPT CONFIDENTIAL

LENGTH-WEIGHT-AGE RELATIONSHIP FOR NORTH PACIFIC ALBACORE

Fork Length		Weight		Age	Fork Length		Weight		Age	Fork Length		Weight		Age	Fork Length		Weight		Age
CM	INCHES	LB	KG	YEARS	CM	INCHES	LB	KG	YEARS	CM	INCHES	LB	KG	YEARS	CM	INCHES	LB	KG	YEARS
50	20	6.6	3.0	0.9	71	28	16.8	7.6	2.9	92	36	33.6	15.2	6.0	113	44	58.2	26.4	12.5
51	20	7.0	3.2	1.0	72	28	17.5	7.9	3.1	93	37	34.6	15.7	6.2	114	45	59.5	27.0	13.1
52	20	7.3	3.3	1.1	73	29	18.1	8.2	3.2	94	37	35.6	16.1	6.4	115	45	60.9	27.6	13.7
53	21	7.7	3.5	1.2	74	29	18.8	8.5	3.3	95	37	36.6	16.6	6.6	116	46	62.4	28.3	14.4
54	21	8.1	3.7	1.2	75	30	19.5	8.8	3.4	96	38	37.6	17.1	6.8	117	46	63.8	28.9	15.2
55	22	8.5	3.9	1.3	76	30	20.2	9.1	3.5	97	38	38.7	17.5	7.0	118	46	65.3	29.6	16.1
56	22	8.9	4.0	1.4	77	30	20.9	9.5	3.7	98	39	39.8	18.0	7.3	119	47	66.8	30.3	17.2
57	22	9.4	4.2	1.5	78	31	21.6	9.8	3.8	99	39	40.9	18.5	7.5	120	47	68.3	31.0	18.6
58	23	9.8	4.4	1.6	79	31	22.4	10.1	3.9	100	39	42.0	19.0	7.8	121	48	69.8	31.7	20.3
59	23	10.3	4.7	1.7	80	31	23.1	10.5	4.1	101	40	43.1	19.5	8.0	122	48	71.4	32.4	22.6
60	24	10.7	4.9	1.8	81	32	23.9	10.8	4.2	102	40	44.2	20.1	8.3	123	48	72.9	33.1	26.6
61	24	11.2	5.1	1.9	82	32	24.7	11.2	4.4	103	41	45.4	20.6	8.6	124	49	74.5	33.8	
62	24	11.7	5.3	2.0	83	33	25.5	11.6	4.5	104	41	46.6	21.1	8.9	125	49	76.1	34.5	
63	25	12.2	5.5	2.1	84	33	26.3	11.9	4.6	105	41	47.8	21.7	9.2	126	50	77.8	35.3	
64	25	12.7	5.8	2.2	85	33	27.2	12.3	4.8	106	42	49.0	22.2	9.5	127	50	79.4	36.0	
65	26	13.3	6.0	2.3	86	34	28.1	12.7	5.0	107	42	50.3	22.8	9.8	128	50	81.1	36.8	
66	26	13.8	6.3	2.4	87	34	28.9	13.1	5.1	108	43	51.5	23.4	10.2	129	51	82.8	37.6	
67	26	14.4	6.5	2.5	88	35	29.8	13.5	5.3	109	43	52.8	24.0	10.6	130	51	84.5	38.3	
68	27	15.0	6.8	2.6	89	35	30.7	13.9	5.5	110	43	54.1	24.5	11.0	131	52	86.3	39.1	
69	27	15.6	7.1	2.7	90	35	31.7	14.4	5.6	111	44	55.4	25.1	11.5	132	52	88.1	39.9	
70	28	16.2	7.3	2.8	91	36	32.6	14.8	5.8	112	44	56.8	25.8	12.0	133	52	89.9	40.8	

North Pacific albacore ages from Wells et al., 2013. Age and growth of North Pacific albacore (Thunnus alalunga): implications for stock assessment:

L_{∞} = 124.1 cm FL, K = 0.164 year⁻¹, and t_0 = -2.239

Weights from Watanabe et al., 2006. Revised practical solutions of application issues of length-weight relationship for the North Pacific albacore with respect to the stock assessment.: $kg = 0.87 \times 10^{-4} \times cm^{2.6}$

U.S. PACIFIC HMS HOOK AND LINE FISHING INFORMATION

VESSEL NAME LAURA MARIE

COAST GUARD DOCUMENT NO.

OR

CAPTAIN'S NAME JOHN DOE

STATE MARINE BOARD NO.

(e.g. WN1234AB)

1234567

DEPARTURE PORT NEWPORT

ARRIVAL

PORT ILWACO

PORT LANDED ILWACO

DEPARTURE DATE 7 / 4 / 1999

(MM / DD / YYYY)

ARRIVAL

DATE 8 / 2 / 1999

(MM / DD / YYYY)

TOTAL POUNDS

LANDED FROM TRIP 43,507

LANDING RECEIPT NUMBERS FOR THIS TRIP	
Z123456	

PRIMARY GEAR USED ON THIS TRIP

TROLL

POLE & LINE

ROD & REEL

DATE MM / DD / YYYY	FISHING CODE	LATITUDE			LONGITUDE			TARGET CATCH			HRS FISHED	BYCATCH			COMMENTS (No. gill net vessels in area, % gill net marked fish, amount of bait and birds in area, at-sea transshipments, etc.)
		DEG	MIN	N/S	DEG	MIN	E/W	SPECIES NAME	No. KEPT	No. DISCARD		SPECIES	No. KEPT	No. DISCARD	
7 / 4 / 1999	1 IN PORT	44	40	N	126	22	W	(A) ALBACORE	0	0	0		0	0	LEFT AT 10:00 AM
	② TRANSIT							(B) YELLOWFIN							
	3 FISHING							(C) BLUEFIN							
7 / 5 / 1999	1 IN PORT	44	52	N	138	15	W	(A) ALBACORE	0	0	15				RUNNING TO OFFSHORE AREA
	2 TRANSIT							(B) YELLOWFIN							
	③ FISHING							(C) BLUEFIN							
7 / 6 / 1999	1 IN PORT	45	03	N	142	16	W	(A) ALBACORE	15	3	15				3 PEANUTS DUMPED
	2 TRANSIT							(B) YELLOWFIN							
	③ FISHING							(C) BLUEFIN							
7 / 7 / 1999	1 IN PORT	45	12	N	146	08	W	(A) ALBACORE	33	2	15				
	2 TRANSIT							(B) YELLOWFIN							
	③ FISHING							(C) BLUEFIN							
7 / 8 / 1999	1 IN PORT	45	17	N	148	06	W	(A) ALBACORE	21	0	15				
	2 TRANSIT							(B) YELLOWFIN							
	③ FISHING							(C) BLUEFIN							
7 / 9 / 1999	1 IN PORT	45	03	N	148	12	W	(A) ALBACORE	42	0	15	SKIPJACK	0	5	GOOD BIRD SIGNS
	2 TRANSIT							(B) YELLOWFIN							
	③ FISHING							(C) BLUEFIN							
7 / 10 / 1999	1 IN PORT	45	01	N	148	50	W	(A) ALBACORE	68	0	15	SKIPJACK	0	1	LOTS OF MARKS. NOT MANY BITERS
	2 TRANSIT							(B) YELLOWFIN							
	③ FISHING							(C) BLUEFIN							

I certify that the above information is complete and accurate to the best of my knowledge

Signature: John Doe

Date: 8 / 3 / 1999

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U.S. PACIFIC HMS HOOK AND LINE FISHING INFORMATION

VESSEL NAME _____
 CAPTAIN'S NAME _____
 DEPARTURE PORT _____
 DEPARTURE DATE _____
 (MM / DD / YYYY)

COAST GUARD DOCUMENT NO. _____
 OR
 STATE MARINE BOARD NO. _____
 (e.g. WN1234AB)
 ARRIVAL PORT _____
 ARRIVAL DATE _____
 (MM / DD / YYYY)

PORT LANDED _____
 TOTAL POUNDS LANDED FROM TRIP _____

LANDING RECEIPT NUMBERS FOR THIS TRIP	

PRIMARY GEAR USED ON THIS TRIP

TROLL

POLE & LINE

ROD & REEL

DATE MM / DD / YYYY	FISHING CODE	LATITUDE			LONGITUDE			TARGET CATCH			HRS FISHED	BYCATCH			COMMENTS (No. gill net vessels in area, % gill net marked fish, amount of bait and birds in area, at-sea transshipments, etc.)
		DEG	MIN	N/S	DEG	MIN	E/W	SPECIES NAME	No. KEPT	No. DISCARD		SPECIES	No. KEPT	No. DISCARD	
	1 IN PORT							A) ALBACORE B) YELLOWFIN C) BLUEFIN D) _____							
	2 TRANSIT														
	3 FISHING														
	1 IN PORT							A) ALBACORE B) YELLOWFIN C) BLUEFIN D) _____							
	2 TRANSIT														
	3 FISHING														
	1 IN PORT							A) ALBACORE B) YELLOWFIN C) BLUEFIN D) _____							
	2 TRANSIT														
	3 FISHING														
	1 IN PORT							A) ALBACORE B) YELLOWFIN C) BLUEFIN D) _____							
	2 TRANSIT														
	3 FISHING														
	1 IN PORT							A) ALBACORE B) YELLOWFIN C) BLUEFIN D) _____							
	2 TRANSIT														
	3 FISHING														
	1 IN PORT							A) ALBACORE B) YELLOWFIN C) BLUEFIN D) _____							
	2 TRANSIT														
	3 FISHING														

I certify that the above information is complete and accurate to the best of my knowledge

Signature: _____

Date: _____

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