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**Vessel and gear specification of the Japanese fishery
operated in the northeast Pacific in 1984**

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FISHERY	GEAR	DESIGNED FOR	GROSS TONNAGE (TON)	SHAFT HORSE POWER OF ENGINE (P.S.)	HEAD ROPE LENGTH (M)	GROUND ROPE LENGTH (M)	MESH SIZE OF CODEND (STRETCHED) (CM)	MATERIAL AND DIAMETER OF BOBBIN (MM)		SIZE OF OTTER BOARD (M)	
								IRON	RUBBER		
MOTHERSHIP	Danish seine	Pollock	124	1,350	134	150	9		67	2.6 x 4.0	
	"	"	"	1,300	"	"	"		"		
	"	"	"	"	1,800	"	"		"		
	"	"	"	"	1,400	"	"		"		
	"	"	"	"	"	"	"		"		
	"	"	"	"	1,350	"	"		"		
	"	"	"	"	"	"	"		"		
	"	"	"	"	"	"	"		"		
	"	Stern trawl	"	279	2,600	83	83	"	440		300
	"	Pair trawl	"	194	1,200	145	160	"	150		530
	"	"	"	193	"	"	"	"	"		"
	"	"	"	194	"	"	"	"	"		"
	"	"	"	"	"	"	"	"	"		"
	"	"	"	"	"	"	"	"	"		"
	"	"	"	"	"	"	"	"	"		"
	"	"	"	"	"	"	"	"	"		"
	"	"	"	"	"	"	"	"	"		"
	"	"	"	"	"	"	"	"	"		"
	"	"	"	193	"	"	"	"	"		"
	"	"	"	"	"	"	"	"	"		"
	"	"	"	149	780	111	125	"	"		"
	"	"	"	"	"	"	"	"	"		"
	"	"	"	139	"	"	"	"	"		"
	"	"	"	"	880	"	"	"	"		"
	"	"	"	144	780	"	"	"	"		"
	"	"	"	"	"	"	"	"	"		"
	"	"	Y-fin sole	214	1,400	163	162	"			225
"	"	"	"	"	"	"	"		"		
"	"	"	"	"	"	"	"		"		
"	"	"	"	"	"	"	"		"		
"	"	"	"	"	"	"	"		"		
"	Danish seine	Pollock	125	1,300	128	140	"		67		
"	"	"	124	1,800	133.7	145.4	"		"		
"	"	"	125	1,300	128	140	"		"		
"	Pair trawl	"	194	1,200	127.5	143	"	200	440		
"	"	"	195	"	"	"	"	"	"		
"	"	"	"	"	"	"	"	"	"		
"	"	"	"	"	"	"	"	"	"		
"	"	"	200	1,300	"	"	"	"	"		
"	"	"	199	"	"	"	"	"	"		
"	"	"	149	780	"	"	"	"	"		

FISHERY	GEAR	DESIGNED FOR	GROSS TONNAGE (TON)	SHAFT HORSE POWER OF ENGIN (P.S.)	HEAD ROPE LENGTH (M)	GROUND ROPE LENGTH (M)	MESH SIZE OF CODEND (STRETCHED) (CM)	MATERIAL AND DIAMETER OF BOBBIN (MM)		SIZE OF OTTER BOARD (M)
								IRON	RUBBER	
MOTHERSHIP	Pair trawl	Pollock	149	780	127.5	143	9	200	440	
	"	"	174	850	112.1	129.5	"	"	"	
	"	"	173	"	"	"	"	"	"	
	Stern trawl	"	298.78	1,250	47.5	57.0	7.5	240, 340		1.92 x 3.2
	"	"	349.37	2,500	53.0	63.5	"	350		2.1 x 3.3
	"	"	299.49	1,200	47.5	57.0	"	240, 340		1.92 x 3.2
	"	"	299.54	"	"	"	"	"		"
	"	"	299.90	"	"	"	"	"		"
	"	"	349.92	2,500	53.0	63.5	"	350		2.1 x 3.3
	Pair trawl	"	172.39	800	55	69	9		440	
	"	"	170.99	"	"	"	"		"	
	"	"	182.83	"	"	"	"		"	
	"	"	182.38	"	"	"	"		"	
	"	"	182.77	"	"	"	"		"	
	"	"	182.26	"	"	"	"		"	
	"	"	182.95	"	"	"	"		"	
	"	"	182.47	"	"	"	"		"	
	"	"	179.69	"	"	"	"		"	
"	"	178.74	"	"	"	"		"		
"	"	181.16	"	"	"	"		"		
"	"	179.77	"	"	"	"		"		

FISHERY	GEAR	DESIGNED FOR	GROSS TONNAGE (TON)	SHAFT HORSE POWER OF ENGINE (P.S.)	HEAD ROPE LENGTH (M)	GROUND ROPE LENGTH (M)	MESH SIZE OF CODEND (STRETCHED) (CM)	MATERIAL AND DIAMETER OF BOBBIN (MM)		SIZE OF OTTER BOARD (M)
								IRON	RUBBER	
NORTH PACIFIC TRAWL	Stern trawl	Pollock	4,239.65	5,700	80	90	10	530	440	3.0 x 5.3
	"	"	4,361.37	"	"	"	"	"	"	"
	"	"	4,357.10	"	"	"	"	"	"	"
	"	"	4,370.86	"	"	"	"	"	"	"
	"	"	2,455.99	3,500	66.6	75	"	"	"	4.8 x 2.9
	"	Pollock, POP	1,945.97	"	61.9	78.3	"	"	530	4.2 x 2.6
	"	Pollock	3,023	4,000	45	60	"	530	150	4.0 x 3.0
	"	"	3,037	4,500	"	"	"	"	"	"
	"	Pollock, Fldr.	349	2,700	57.1	55.3	"	"	"	2.2 x 3.4
	"	"	"	"	"	"	"	"	"	"
	"	"	499	2,800	59.1	57.3	"	350	350	"
	"	Pollock	5,460.06	5,700	85.35	85.35	"	300	530	3.4 x 1.7
	"	"	4,317.13	"	"	"	"	"	"	"
	"	Pollock, Y-sole	499.27	2,500	16.4, 20.4	16.4, 20	12	350	350	2.2 x 3.45
	"	"	379	2,600	20, 35.4	18.6, 35	"	"	"	2.5 x 3.8
	"	"	499.56	2,700	19.5, 21.5	19.5, 21	9, 12	"	"	2.25x 3.45
	"	"	499.07	3,000	18.5, 28	16.9, 28	11, 12	"	"	2.4 x 3.6
	"	Pollock, Fldr.	499	"	56	65	10	"	440	2.35x 3.5
	"	Pollock, Fldr.	"	"	"	"	"	"	"	2.5 x 3.8
	"	Pollock, Fldr.	499.27	1,470	52.9	65.3	11	530, 350	"	2.3 x 3.5
	"	Pollock, POP	499	2,500	54	65	12	530	350	2.25x 3.4
	"	"	"	2,800	54, 55	59, 68	10	"	440	1.9 x 3.9
	"	"	"	"	"	"	"	"	"	"
	"	"	"	"	"	"	"	"	"	"
	"	Pollock, Fldr.	"	2,700	"	59, 70	9	440	530	1.9x3.9, 2.3x3.5
	"	Pollock	3,991	5,900	86	102	10	530	800	2.8 x 5.2
	"	"	3,989	"	"	"	"	"	"	"
	"	"	4,050	4,400	69	81	"	"	"	2.6 x 4.3
	"	"	3,249	"	"	"	"	"	"	"
	"	Y-fin sole	3,609	3,900	50	59	9	"	"	2.2 x 4.4
"	Pollock	3,431.63	4,900	74.7	63.5	10	"	"	2.75x 4.5	
"	"	3,222	3,500	70	80	9	"	"	2.05x 4.2	
"	"	1,205	4,000	54	59	"	"	"	"	
"	"	997	2,200	"	"	"	"	"	1.9 x 3.9	
"	"	549	2,800	"	"	"	"	"	"	
"	"	499	2,600	"	"	"	"	"	"	
"	"	"	1,600	49	54	"	"	"	1.75x 3.6	
"	"	379	3,000	54	59	"	"	"	1.9 x 3.9	
"	Flounder	1,205	4,000	66	82	"	440	530	2.7 x 3.8	
"	"	997	2,200	55	70	"	"	"	2.3 x 3.5	
"	"	549	2,800	"	"	"	"	"	2.9 x 3.4	
"	"	499	2,600	"	"	"	"	"	2.3 x 3.5	

FISHERY	GEAR	DESIGNED FOR	GROSS TONNAGE (TON)	SHAFT HORSE POWER OF ENGIN (P.S.)	HEAD ROPE LENGTH (M)	GROUND ROPE LENGTH (M)	MESH SIZE OF CODEND (STRETCHED) (CM)	MATERIAL AND DIAMETER OF BOBBIN (MM)		SIZE OF OTTER BOARD (M)	
								IRON	RUBBER		
NORTH PACIFIC TRAWL	Stern trawl	Flounder	499	1,600	55	70	9	440	530	2.3 x 3.5	
	"	"	379	3,000	"	"	"	"	"	"	
	"	Pollock, Fldr.	499	1,600	49.55	54.70	"	"	"	1.75x3.6, 2.3x3.5	
	"	"	"	"	"	"	"	"	"	"	
	"	Pollock	"	4,662.79	5,400	59.4	69	10	530	150	5.8 x 3.3
	"	"	"	2,995.77	4,500	56.1	70.8	"	"	200	4.4 x 2.8

Abbreviations: Y-fin sole; Yellowfin sole, POP; Pacific ocean perch, Fldr: Flounder