

北東太平洋の日本底魚漁業の概況  
(1986年及び1987年1月—7月)

Outline of the Japanese groundfish fishery in the  
northeast Pacific in 1986 January-December  
and 1987 January-July

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1987年 9月  
September 1987  
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この文書を引用する場合は下記による：

吉村 拓, 1987, 北東太平洋の日本底魚漁業の概況(1986年及び1987年1月—7月), 6頁, (第34回INPFC定例年次会議提出文書, 1987年10月, カナダ, ヴェンクーバー市), 水産庁, 遠洋水産研究所, 日本, 〒424 清水市折戸5-7-1



# 北東太平洋の日本底魚漁業の概況 (1986年及び1987年1月-7月)

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## 1. 1986年の日本の底魚漁業(1月~12月)

1986年の北東太平洋水域(図1)における日本の底魚漁業は、米国200海里水域内で22隻のはえなわ漁船が北洋はえなわ・さし網漁業として操業した。操業は前年までと同様、米国による漁獲割当量、禁漁区及び禁漁期等の規制のもとで行われた。北方トロール漁業のトロール船は、米国200海里水域内では操業できず、公海水域においても操業しなかった。

### (1) 漁獲努力量

1986年のはえなわ船の漁獲努力量は303,400 鉢で、1985年より85%増大した(表1)。努力量はシュマギン海区とチリコフ海区のみに投入され、シュマギン海区が69%を占めた(表2, 図2)。

### (2) 漁獲量

1986年の漁獲量は15,373トンで、1985年より169%減少した(表1)。減少は北方トロール船の漁獲がなくなったためで、はえなわ船の漁獲量は1985年より67%増大した。漁獲量の76%はシュマギン海区で漁獲された(表2)。また、主要漁獲魚種はマダラで、全漁獲量の98%を占めた(表2)。

### (3) マダラの漁獲量の地理的分布

1986年のマダラの漁獲量は15,136トンで、1985年より67%増大した(表2)。そのうち、76%がシュマギン海区から漁獲された(表2, 図3)。

## 2. 1987年の日本の底魚漁業(1月~7月)

1987年は、米国200海里水域内では漁獲割当がないため日本の漁船は操業できず、公海水域においても7月現在操業していない。

Table 1. Number of vessels, fishing effort, and catch(t) of the Japanese groundfish fisheries in the northeast

Pacific during 1985 to 1987. Effort are shown in hours for the North Pacific trawl fishery and in hachi( $\times 10$ ) for North Pacific longline—gillnet fishery.

Fishery	Type of Processing (gear)	1985			1986			1987		
		Vessel	Effort	Catch	Vessel	Effort	Catch	Vessel	Effort	Catch
North Pacific trawl	Surimi factory (stern trawl)	3	2,036	22,981	—	—	—	—	—	—
	Frozen—fish factory (stern trawl)	2	173	117	—	—	—	—	—	—
	Total	5	2,209	23,098	—	—	—	—	—	—
North Pacific longline— gillnet	(longline)	22	16,390	9,189	22	30,340	15,373	—	—	—
Total		27		32,287	22		15,373	—	—	—

Table 2. Japanese fishing effort by gear and catch(t) of principal groundfish species by area in the northeast Pacific, 1984-1986.

Effort and Catch	Shumagin			Chirikof			Kodiak			Unknown			Total <sup>a</sup>		
	1984	1985	1986	1984	1985	1986	1984	1985	1986	1984	1985	1986	1984	1985	1986
EFFORT															
Longline(hachi × 10)	24,340	12,400	20,900	14,480	3,260	9,440	—	—	—	—	730	—	38,820	16,390	30,340
Stern trawl(hours)	2,545	1,489	—	4,112	50	—	4,872	528	—	—	143	—	11,529	2,209	—
CATCH TOTAL <sup>a</sup>	31,530	23,468	11,679	29,468	1,927	3,694	19,019	6,731	—	—	161	—	80,016	32,286	15,373
Longline	10,536	7,419	11,679	4,536	1,721	3,694	—	—	—	—	49	—	15,072	9,189	15,373
Stern trawl	20,994	16,049	—	24,932	206	—	19,019	6,731	—	—	112	—	64,944	23,098	—
Sablefish	682	2	1	90	—	—	23	2	—	—	1	—	794	5	1
Longline	556	1	1	71	—	—	—	—	—	—	1	—	626	3	1
Stern trawl	126	1	—	19	—	—	23	2	—	—	—	—	168	3	—
Pacific cod	9,921	7,374	11,514	4,577	1,701	3,622	147	1	—	—	—	—	14,644	9,077	15,136
Longline	9,688	7,338	11,514	4,321	1,701	3,622	—	—	—	—	—	—	14,009	9,039	15,136
Stern trawl	233	36	—	256	—	—	147	1	—	—	—	—	635	38	—
Pollock	19,713	15,977	43	22,499	208	12	16,149	6,724	—	—	—	—	58,363	22,910	54
Longline	37	9	43	11	2	12	—	—	—	—	—	—	49	11	54
Stern trawl	19,676	15,968	—	22,488	206	—	16,149	6,724	—	—	—	—	58,314	22,898	—
Pacific ocean perch	113	—	—	1,082	—	—	1,060	—	—	—	77	—	2,253	77	—
Longline	5	—	—	1	—	—	—	—	—	—	—	—	5	—	—
Stern trawl	108	—	—	1,081	—	—	1,060	—	—	—	77	—	2,248	77	—
Other rockfish	136	10	—	352	—	—	613	—	—	—	57	—	1,100	68	—
Longline	23	—	—	—	—	—	—	—	—	—	47	—	23	47	—
Stern trawl	113	10	—	352	—	—	613	—	—	—	10	—	1,077	20	—
Other fishes	196	67	78	277	16	47	79	1	—	—	2	—	1,050	86	125
Longline	135	56	78	65	16	47	—	—	—	—	—	—	200	72	125
Stern trawl	558	11	—	212	—	—	79	1	—	—	2	—	849	14	—
TOTAL GROUND FISH	31,509	23,466	11,679	29,446	1,927	3,694	18,973	6,728	—	—	152	—	79,924	32,274	15,373
Longline	10,536	7,420	11,679	4,536	1,721	3,694	—	—	—	—	48	—	15,072	9,189	15,373
Stern trawl	20,973	16,046	—	24,910	206	—	18,973	6,728	—	—	104	—	64,852	23,085	—
Squid	23	3	—	22	—	—	48	—	—	—	9	—	92	12	—
Longline	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Stern trawl	23	3	—	22	—	—	48	—	—	—	9	—	92	12	—

a Discrepancies between actual sums of component figures and totals given are due to rounding.

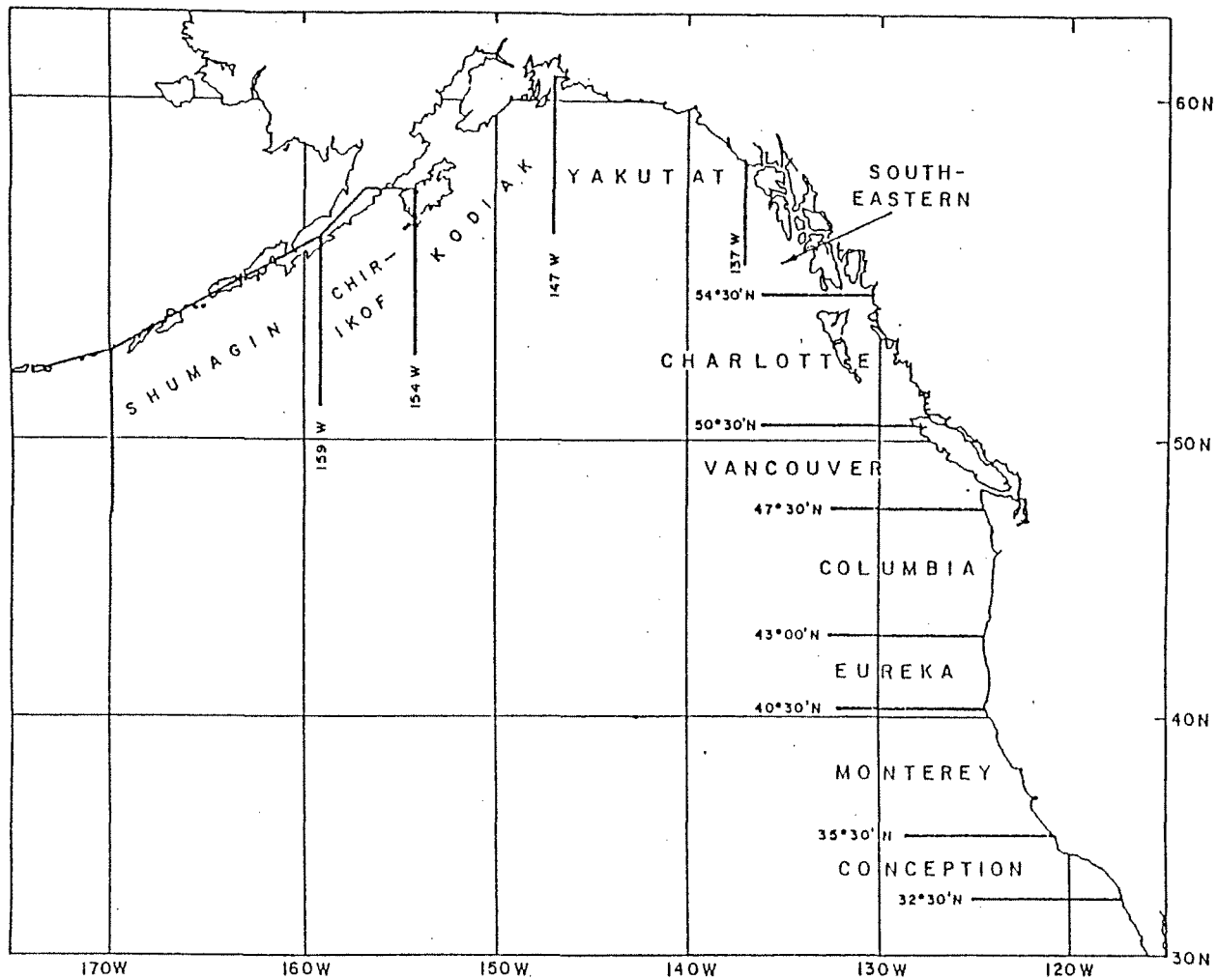
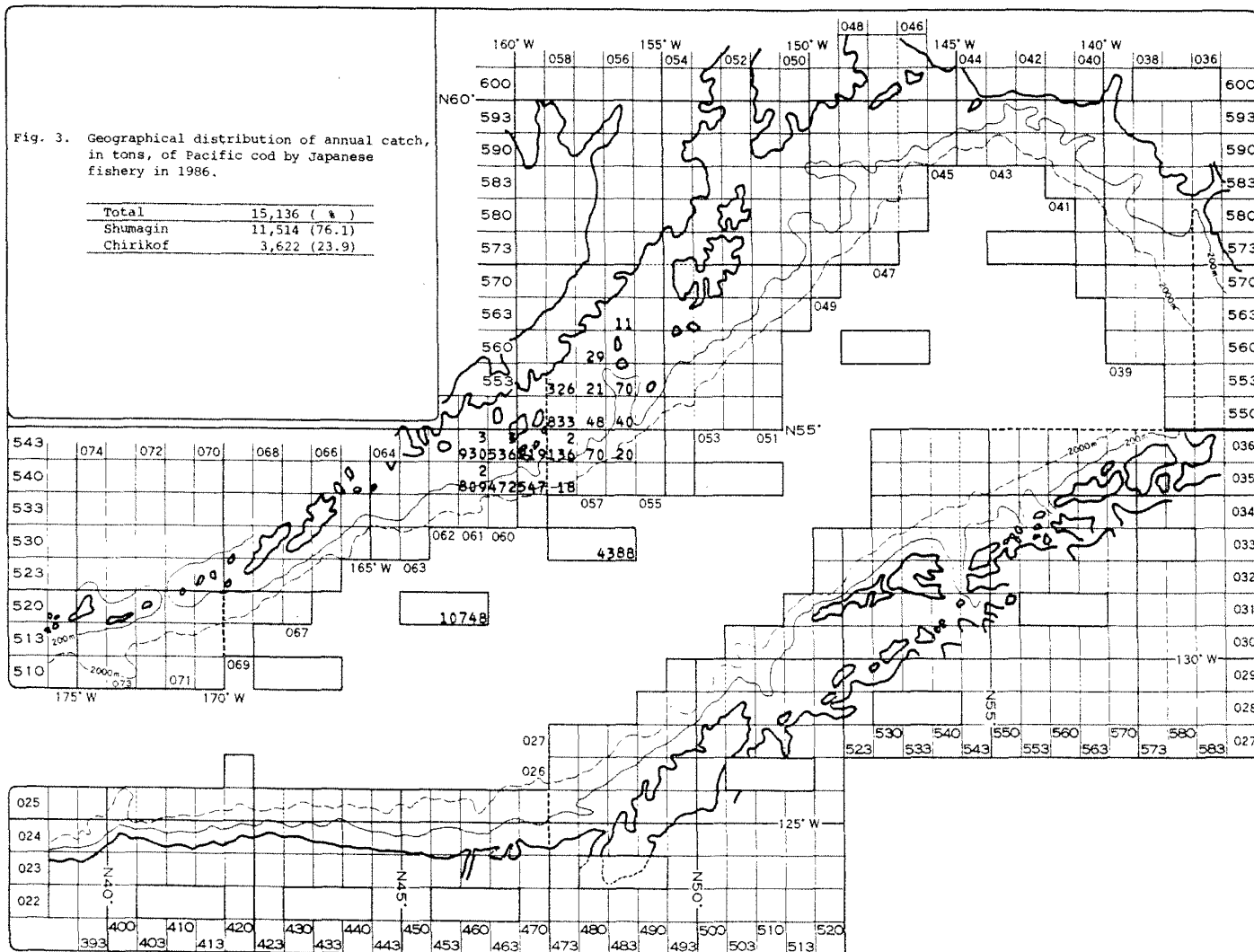


Fig. 1. Area divisions of the Northeast Pacific Region.



Fig. 3. Geographical distribution of annual catch, in tons, of Pacific cod by Japanese fishery in 1986.

Total	15,136 ( % )
Shumagin	11,514 (76.1)
Chirikof	3,622 (23.9)





Not to be cited by INPFC  
Document number

INPFC  
Doc. 3176

TRANSLATION

OUTLINE OF THE JAPANESE GROUND FISH FISHERY  
IN THE NORTHEAST PACIFIC IN 1986 JANUARY-  
DECEMBER AND 1987 JANUARY-JULY

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1987 September

THIS PAPER MAY BE CITED IN THE FOLLOWING MANNER:  
Taku, Yoshimura. 1987. Outline of the Japanese  
groundfish fishery in the Northeast Pacific in 1986  
January-December and 1987 January-July. (Document  
submitted to the Annual Meeting of the International  
North Pacific Fisheries Commission, Vancouver, Canada,  
1987 October.) 3 p. Fisheries Agency of Japan,  
Tokyo, Japan 100.

1. Japanese groundfish fisheries in 1986 (January to December)

The Japanese groundfish fishery in the northeast Pacific (Fig. 1) in 1986 was operated by 22 longliners as the North Pacific longline-gillnet fishery within the 200 mile zone of the United States. The fishery was conducted under extreme conditions such as allocation of catch quotas and time-area closures by the United States, as in previous years. The trawlers in the North Pacific trawl fishery could not operate in the U.S. 200 mile zone and did not operate in high sea areas.

(a) Effort

Effort expended by longliners in 1986 totalled 303,400 hachi, which was an increase of 85% from 1985 (Table 1). Effort was expended only in the Shumagin and Chirikof Areas, with 69% of that in the Shumagin Area (Table 2, Fig. 2).

(b) Catch

The total catch by the fishery in 1986 amounted to 15,373 t, a decrease of 169% from 1985 (Table 1). This decrease was because there was no catch by North Pacific trawlers, although the catch by longliners increased by 67% from 1985. Seventy-six percent of the total catch was made in the Shumagin Area (Table 2). The principal species caught was Pacific cod; accounting for 98% of the total catch (Table 2).

(c) Geographical distribution of the catch of Pacific cod

The total catch of Pacific cod in 1986 was 15,136 t, an increase of 67% from 1985 (Table 2). Seventy-six percent of this catch was taken in the Shumagin Area (Table 2, Fig. 3).

2. Japanese groundfish fishery in 1987 (January to July)

In 1987, Japanese fishing vessels could not operate within the U.S. 200 mile zone because there had been no allocation of catch quotas and they also had not operated in high sea areas by July.

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TABLES 1 AND 2, AND FIGS. 1 TO 3 ARE IN ENGLISH  
IN THE JAPANESE DOCUMENT

