

**Results of the Korean trial fishing
for walleye pollock in the Convention area
of the Bering Sea in 2003**

Korean trial fishing in the Convention area of the Bering Sea was conducted by Korean commercial fishing vessel for three times in 2003. It was conducted by Korean stern trawler, *MAN JECK NO. 21* (2,800.9 G/T), for 12 days (12-23 Mar. 2003), *O YANG HO - 2* (3,527 G/T) for 15 days (12-26 Mar 2003) and *O-RYONG 503* (1,554.7 G/T) for 15 days (19 Oct.-07 Nov. 2003) in the Convention area. The results of the first and second trial fishing was already reported at the eighth Annual Conference held in Portland in 2003.

The main purposes of the trial fishing were to determine the geographical distribution of walleye pollock in the Convention area and to collect biological data of walleye pollock. However, walleye pollock was not caught at all during the third trial fishing in 2003. Fig. 1 represented the hydroacoustic tracklines and haul positions during the third Korean trial fishing in 2003.

6 hauls were made in trial fishing using the mid-water trawl net (cod-end mesh size 110 mm). The depth of trawl gear was 150m to 200m.

Total catch was 106 fishes and 154.2 kg (Table 1 and 2) for 6 hauls.

- Haul no. 1 : 9 fishes (14.8 kg) of smooth lump sucker (*Aptocyclus*
Ventricosus).
- Haul no. 2 : 19 fishes (31.5 kg) of smooth lump sucker and 2 fishes (5.0 kg)
of coho salmon (*Oncorhynchus Kisutch*).
- Haul No. 3 : 36 fishes (45.1 kg) of smooth lump sucker, 1 fish (1.8 kg) of
coho salmon and 5 fishes (0.9kg) of squids.
- Haul no. 4 : 12 fishes (28.0 kg) of smooth lump sucker and 3 fishes (0.7kg)
of squids.
- Haul no. 5 : 11 fishes (18.4 kg) of smooth lump sucker
- Haul no. 6 : 2 fishes (0.5kg) of squids and 6 fishes (7.5 kg) of smooth
lump sucker were caught..

SUMMARIZED ROUTE DESCRIPTION IN THE CENTRAL BERING SEA

(베링 공해상 어탐 항적도)

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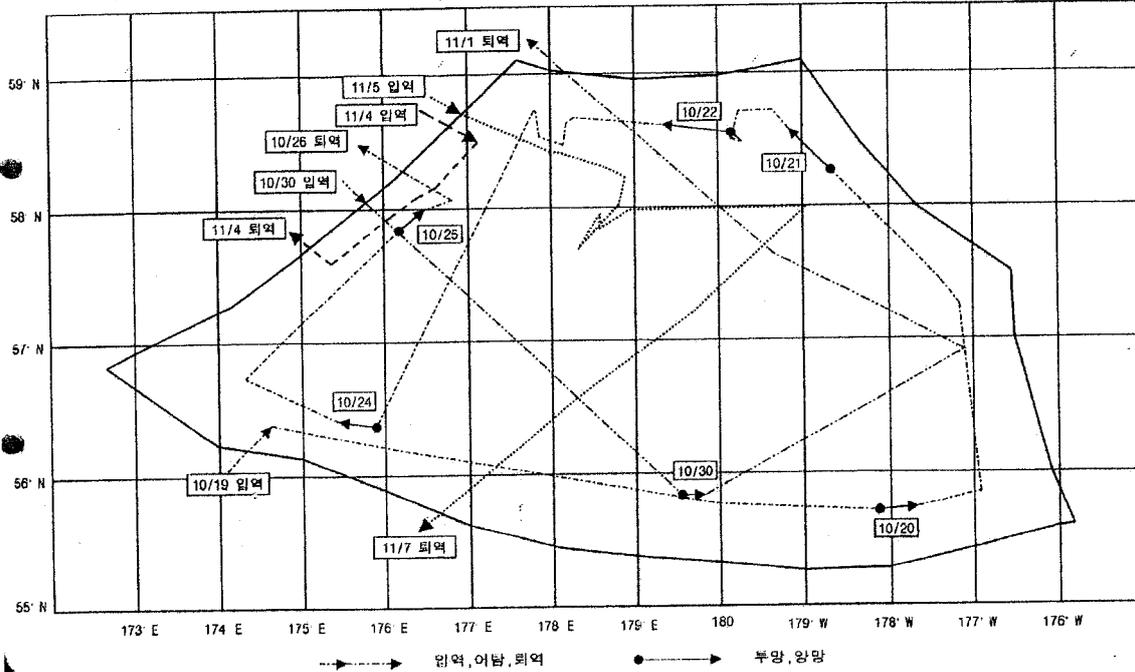


Fig. 1. Hydroacoustic trackline and haul positions of *O-RYONG 503* trial fishing in Convention area during 19 Oct. ~ 07 Nov. 2003.

Table 1. Catch information of Korean trial fishing in the Convention area in 2003

Vessel	Period of trial fishing	Haul	Catch	
			Pollock	others
<i>O-RYONG 503</i>	19 Oct. ~ 07 Nov. 2003	6	None	3 species (106 fishes, 154.2 kg)

※ Others;

- Smooth lumpsucker(*Aptocyclus Ventricosus*) : 93 fishes 145.3 kg
- Coho salmon(*Oncorhynchus Kisutch*) : 3 fishes 6.8 kg
- Squids : 10 fishes 2.1 kg

Table 2. Detailed information of hauls conducted by Korean trial fishing in the Convention area in 2003

Vessel name	Haul #	Set net			Hauling net		Depth of gear (m)
		Date	Time	Position	Time	Position	
<i>O-RYONG 503</i>	1	20 Oct.	18:30	55°44'N 178°08'W	23:20	55°48'N 177°42'W	170
	2	21 Oct.	18:40	58°16'N 178°41'W	02:00	58°36'N 179°09'W	180
	3	22 Oct.	17:50	58°32'N 179°49'W	02:00	58°37'N 179°19'E	160
	4	24 Oct.	18:40	56°22'N 175°52'E	23:40	56°25'N 175°25'E	200
	5	25 Oct.	19:20	57°50'N 176°09'E	23:40	57°59'N 176°29'E	150
	6	30 Oct.	20:30	55°48'N 179°34'E	23:30	55°48'N 179°50'E	180