

NPAFC
Doc. <u>1462</u>
Rev. <u> </u>

Incidental Catches of Anadromous Fishes by Japanese Research Vessels in the North Pacific Ocean in 2012

by

Shigehiko Urawa and Toru Nagasawa

Hokkaido National Fisheries Research Institute, Fisheries Research Agency
2-2 Nakanoshima, Toyohira-ku, Sapporo 062-0922, Japan

Submitted to the

NORTH PACIFIC ANADROMOUS FISH COMMISSION

by
JAPAN

April 2013

THIS PAPER MAY BE CITED IN THE FOLLOWING MANNER:

Urawa, S. and T. Nagasawa. 2013. Incidental catches of anadromous fishes by Japanese research vessels in the North Pacific Ocean in 2012. NPAFC Doc 1462. 2 pp. Hokkaido National Fisheries Research Institute, Fisheries Research Agency, Sapporo, Japan. (Available at www.npafc.org)

Incidental Catches of Anadromous Fish by Japanese Research Vessels in the North Pacific Ocean in 2012

Shigehiko Urawa and Toru Nagasawa

Hokkaido National Fisheries Research Institute, Fisheries Research Agency

2-2 Nakanoshima, Toyohira-ku, Sapporo 062-0922, Japan

Japanese research vessels conducted scientific fishing operations to assess Pacific saury, and other pelagic fishes using midwater trawls, drift gillnets, and saury dip net in the western and central North Pacific Ocean (Fisheries Research Agency 2012). During the research surveys, a total of 1,221 salmon including 702 chum, 383 pink, 113 coho, 17 Chinook, 4 sockeye salmon, and 2 steelhead trout were incidentally caught in the summer of 2012 (Table 1).

References

Fisheries Research Agency. 2012. Cruise plans of Japanese research vessels involving incidental takes of anadromous fish in the North Pacific Ocean in 2012. NPAFC Doc. 1386, Rev. 1. 3 pp. Fisheries Research Agency, Yokohama, Japan. (Available at www.npafc.org).

Table 1. Number of incidental catches of anadromous fish during research surveys for pelagic fishes onboard Japanese research vessels in the North Pacific Ocean in 2012.

Vessel	Survey area	Gear	Sampling period	Number of incidental catches						
				Chum	Pink	Sockeye	Coho	Chinook	Steelhead	Total
<i>Kaiun maru</i>	Central and western North Pacific (30° - 46°N, 144°E - 175°W) excluding Russian 200 NMZ	Gillnets	July 3-Aug. 2	23	116	0	25	0	0	164
<i>Kaiyo maru</i>	Central and western North Pacific (35°-50°N, 140°W-170°W) excluding Russian 200 NMZ	Mid-water trawl	June 16- July 11	602	9	4	42	14	2	673
<i>Hokko maru</i>	Western North Pacific (38° - 45°N, 143° - 163°E) excluding Russian 200 NMZ	Mid-water trawl	June 14- July 6	6	30	0	0	0	0	36
<i>Hokuho maru</i>	Central and western North Pacific (30° - 50°N, 140°E - 160°W) excluding Russian 200 NMZ	Mid-water trawl	June 17- July 19	25	2	0	35	1	0	63
<i>Hokuho maru</i>	Western North Pacific (36° - 51°N, 141° - 176°E) excluding Russian 200 NMZ	Mid-water trawl	Sep. 20- Oct. 12	27	0	0	0	2	0	29
<i>Hokushin maru</i>	Western North Pacific (40° - 47°N, 149° - 165°E) excluding Russian 200 NMZ	Gillnets	July 10-18	11	221	0	9	0	0	241
<i>Eikyū maru No. 1</i>	Central and western North Pacific (30° - 50°N, 145°E- 180°) excluding Russian 200 NMZ	Saury dip-net	July 25-26	1	1	0	0	0	0	2
<i>Den maru No. 37</i>	Central and western North Pacific (30° - 50°N, 145°E- 180°) excluding Russian 200 NMZ	Saury dip-net	July 16-25	7	0	0	1	0	0	8
<i>Mikasa maru No. 15</i>	Central and western North Pacific (30° - 50°N, 145°E- 180°) excluding Russian 200 NMZ	Saury dip-net	July 15-25	0	4	0	1	0	0	5
<i>Gonei maru No. 11</i>	Central and western North Pacific (30° - 50°N, 145°E- 180°) excluding Russian 200 NMZ	Saury dip-net	-	0	0	0	0	0	0	0
<i>Ryoei maru No. 18</i>	Central and western North Pacific (30° - 50°N, 145°E- 180°) excluding Russian 200 NMZ	Saury dip-net	-	0	0	0	0	0	0	0
Total				702	383	4	113	17	2	1221