

NPAFC
Doc. 1581
Rev.

**Incidental Catches of Anadromous Fishes by Japanese Research Vessels
in the North Pacific Ocean in 2014**

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 2015

THIS PAPER MAY BE CITED IN THE FOLLOWING MANNER:

Urawa, S. and T. Nagasawa. 2015. Incidental catches of anadromous fishes by Japanese research vessels in the North Pacific Ocean in 2014. NPAFC Doc. 1581. 2 pp. Hokkaido National Fisheries Research Institute, Fisheries Research Agency (Available at <http://www.npafc.org>).

Incidental Catches of Anadromous Fish by Japanese Research Vessels in the North Pacific Ocean in 2014

Shigehiko Urawa and Toru Nagasawa

Hokkaido National Fisheries Research Institute, Fisheries Research Agency

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

Keywords: Japanese research vessels, pelagic fish, squid, incidental salmon catch, North Pacific Ocean, 2014

Japanese research vessels conducted scientific fishing operations to assess stock status of Pacific saury, and other pelagic fishes and squids using surface and midwater trawls, drift gillnets, and saury dip net in the western and central North Pacific Ocean (Fisheries Research Agency 2014). A total of 198 salmon including 96 chum, 50 pink, 50 coho, one Chinook salmon, and one steelhead trout were incidentally caught during the research surveys between June and October 2014 (Table 1).

References

Fisheries Research Agency. 2014. Cruise plans of Japanese research vessels involving incidental takes of anadromous fish in the North Pacific Ocean in 2014. NPAFC Doc. 1503. 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 2014.

Vessel	Cruise period	Survey area	Research objects	Gear	Sampling period	Number of catches						
						Chum	Pink	Sockeye	Coho	Chinook	Steelhead	Total
<i>Kaiun maru</i>	June 27 (Hachinohe) - August 5 (Hachinohe)	Central and western North Pacific (30° - 46°N, 144°E - 175°W) excluding Russian 200 NMZ	Stock assessment of neon flying squid	Driftnets	June 27 - Aug. 4	20	0	0	45	0	1	66
<i>Hokuho maru</i>	June 7 (Hakodate) - July 24 (Hakodate)	Central and western North Pacific (36.6° - 46.5°N, 166.5°E - 164.5°W) excluding Russian 200 NMZ	Abundance of Pacific saury	Surface trawl	June 12 - July 16	54	0	0	3	1	0	58
<i>Hokuho maru</i>	Sep. 18 (Hakodate) - Oct. 13 (Hakodate)	Western North Pacific (36° - 51°N, 141° - 176°E) excluding Russian 200 NMZ	Abundance of small pelagic fishes	Mid-water trawl	Sep. 18 - Oct. 12	3	0	0	0	0	0	3
<i>Hokko maru</i>	June 19 (Kushiro) - July 16 (Kushiro)	Western North Pacific (38° - 45°N, 143° - 163°E) excluding Russian 200 NMZ	Abundance of Pacific saury	Surface trawl	June 23 - July 15	6	34	0	1	0	0	41
<i>Hokushin maru</i>	July 2 (Kushiro) - July 17 (Kushiro)	Western North Pacific (40° - 47°N, 149° - 165°E) excluding Russian 200 NMZ	Abundance of Pacific saury	Driftnets	July 8 - 16	6	6	0	1	0	0	13
<i>Koryo maru No. 63</i>	May 1 (Kushiro) - July 31 (Kushiro)	Central and western North Pacific (30° - 50° N, 143°E- 180°) excluding Russian 200 NMZ	Technical experiment for saury fishing	Saury dip-net	May 6 - July 26	0	0	0	0	0	0	0
<i>Gonei maru No. 21</i>	May 1 (Kushiro) - July 31 (Kushiro)	Central and western North Pacific (30° - 50° N, 143°E- 180°) excluding Russian 200 NMZ	Technical experiment for saury fishing	Saury dip-net	May 14 - July 26	1	3	0	0	0	0	4
<i>Ryoei maru No. 18</i>	May 1 (Kushiro) - July 31 (Kushiro)	Central and western North Pacific (30° - 50° N, 143°E- 180°) excluding Russian 200 NMZ	Technical experiment for saury fishing	Saury dip-net	May 6 - July 16	0	0	0	0	0	0	0
<i>Den maru No. 37</i>	May 1 (Kushiro) - July 31 (Kushiro)	Central and western North Pacific (30° - 50° N, 143°E- 180°) excluding Russian 200 NMZ	Technical experiment for saury fishing	Saury dip-net	May 6 - July 26	5	0	0	0	0	0	5
<i>Koyo maru No. 11</i>	May 1 (Kushiro) - July 31 (Kushiro)	Central and western North Pacific (30° - 50° N, 143°E- 180°) excluding Russian 200 NMZ	Technical experiment for saury fishing	Saury dip-net	May 6 - July 26	1	7	0	0	0	0	8
Total						96	50	0	50	1	1	198