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**Cruise Plans of Japanese Research Vessels Involving
Incidental Takes of Anadromous Fish in the North Pacific
Ocean in 2014**

by

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Cruise Plans of Japanese Research Vessels Involving Incidental Takes of Anadromous Fish in the North Pacific Ocean in 2014

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Japanese research vessels are scheduled to conduct 10 high-seas surveys for pelagic fishes and squids in the North Pacific Ocean in 2014 (Table 1). These surveys have a possibility of incidental salmon catch during the fishing operations with gillnets, trawl or saury dip-net. In the case of gillnet operation, lengths of gillnets will be less than 2.5 km at the sea.

Key words: Japanese research cruise plan, pelagic fish, squid, incidental salmon catch, North Pacific Ocean, 2014

Table 1. Cruise plans of Japanese research vessels involving incidental catches of anadromous fishes in the North Pacific Ocean in 2014.

Vessel	Cruise period	Survey area	Research objects	Gear
<i>Kaiun maru (tentative)</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	Gillnets
<i>Hokuho maru</i>	June 7 (Hakodate) - July 24 (Hakodate)	Central and western North Pacific (30° - 50°N, 140°E - 160°W) excluding Russian 200 NMZ	Abundance of Pacific saury	Mid-water trawl
<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
<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	Mid-water trawl
<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	Gillnets
<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
<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
<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
<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
<i>Koko 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

Appendix Table. List of research vessels scheduled for pelagic fish and squid surveys involving incidental catches of anadromous fishes in North Pacific Ocean by Japanese Party. FRA, Fisheries Research Agency; HRO, Hokkaido Research Organization.

Party	Vessel name	Call sign	Gear equipped	Other available information
FRA Shimizu	<i>Kaiun maru</i>	JRFC	Gillnets	INMARSAT telephone: +872-6431-610-10 Length: 45.50 m, Gross tonnage: 208
FRA Hachinohe	<i>Hokuho maru</i>	JLRE	Mid-water trawl	INMARSAT telephone: +872-3431-028-10 Length: 63.60 m, Gross tonnage: 664
FRA Kushiro	<i>Hokko maru</i>	JEEB	Mid-water trawl	INMARSAT telephone: +872-7634-443-93 Length: 64.73 m, Gross tonnage: 902
HRO Kushiro Fish. Res. Inst.	<i>Hokushin maru</i>	7LQV	Gillnets	INMARSAT telephone: +872-6431-610-10 Length: 45.50 m, Gross tonnage: 208
FRA Yokohama (JAMARC)	<i>Koryo maru No. 63</i>	7JMR	Saury dip-net	INMARSAT telephone: +870-7731-92467 Length: 38.30 m, Gross tonnage: 199
FRA Yokohama (JAMARC)	<i>Gonei maru No. 21</i>	7JPC	Saury dip-net	INMARSAT telephone: +870-7731-92847 Length: 38.36 m, Gross tonnage: 199
FRA Yokohama (JAMARC)	<i>Ryoei maru No. 18</i>	JKGT	Saury dip-net	INMARSAT telephone: +870-7731-92107 Length: 37.00 m, Gross tonnage: 199
FRA Yokohama (JAMARC)	<i>Den maru No. 37</i>	JHOH	Saury dip-net	INMARSAT telephone: +870-6432-64710 Length: 33.00 m, Gross tonnage: 167
FRA Yokohama (JAMARC)	<i>Koyo maru No. 11</i>	7JNH	Saury dip-net	INMARSAT telephone: +870-7731-92844 Length: 38.36 m, Gross tonnage: 199