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**Cruise Plans of Japanese Research Vessels
Involving Incidental Takes of Anadromous Fishes
in the North Pacific Ocean in 2017**

by

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Cruise Plans of Japanese Research Vessels Involving Incidental Takes of Anadromous Fishes in the North Pacific Ocean in 2017

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Japanese research vessels (Appendix table) are scheduled to conduct nine surveys for pelagic fishes and squids in the North Pacific Ocean in 2017 (Table 1). These surveys have a possibility of incidental salmon catch during the fishing operations with driftnets or trawl net. In the case of driftnet operation, the length of driftnets 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, 2017

Table 1. Cruise plans of Japanese research vessels involving incidental catches of anadromous fishes in the North Pacific Ocean in 2017.

Vessel	Cruise period	Survey area	Research objects	Gear
<i>Hokushin maru</i>	May 29 (Kushiro) – June 2 (Kushiro)	Western North Pacific (38° - 50°N, 142° - 165°E) excluding Russian 200 NMZ	Abundance of chub mackerel, blue mackerel, Japanese sardine, and Japanese anchovy	Driftnets
<i>Hokushin maru</i>	June 20 (Kushiro) – June 29 (Kushiro)	Western North Pacific (38° - 50°N, 142° - 165°E) excluding Russian 200 NMZ	Abundance of chub mackerel, blue mackerel, Japanese sardine, and Japanese anchovy	Driftnets
<i>Hokushin maru</i>	July 6 (Kushiro) – July 21 (Kushiro)	Western North Pacific (38° - 50°N, 142° - 165°E) excluding Russian 200 NMZ	Abundance of Pacific saury	Surface trawl or Driftnets
<i>Hokushin maru</i>	August 29 (Kushiro) – September 7 (Kushiro)	Western North Pacific (38° - 50°N, 142° - 165°E) excluding Russian 200 NMZ	Abundance of chub mackerel, blue mackerel, Japanese sardine, and Japanese anchovy	Driftnets
<i>Hokushin maru</i>	October 17 (Kushiro) – October 27 (Kushiro)	Western North Pacific (38° - 50°N, 142° - 165°E) excluding Russian 200 NMZ	Abundance of Pacific saury	Surface trawl or Driftnets
<i>Hokuho maru</i>	June 6 (Hakodate) – July 23 (Hakodate)	Central and western North Pacific (30° - 50°N, 140°E - 160°W) excluding Russian 200 NMZ	Abundance of Pacific saury	Surface trawl
<i>Hokko maru</i>	June 17 (Kushiro) – July 13 (Kushiro)	Western North Pacific (36° - 47°N, 142° - 165°E) excluding Russian 200 NMZ	Abundance of Pacific saury	Surface trawl
<i>Kaiun maru</i>	June 24 (Hachinohe) - August 4 (Hachinohe)	Central and western North Pacific (30° - 46°N, 144°E - 176°E) excluding Russian 200 NMZ	Stock assessment of neon flying squid	Driftnets
<i>Hokuho maru</i>	Sep. 6 (Hakodate) – Oct.5 (Hakodate)	Western North Pacific (36° - 50°N, 140° - 175°E) excluding Russian 200 NMZ	Abundance of small pelagic fishes	Mid-water trawl

Appendix Table. List of research vessels scheduled for pelagic fish and squid surveys involving incidental catches of anadromous fishes in the North Pacific Ocean by Japanese Party. FRA, Japan Fisheries Research and Education Agency; HNFRI, Hokkaido National Fisheries Research Institute; HRO, Hokkaido Research Organization; NRIFS, National Research Institute of Fisheries Science; TNFRI, Tohoku National Fisheries Research Institute.

Party	Vessel name	Call sign	Gears equipped	Other available information
FRA Hachinohe FRA Yokohama (NRIFS)	<i>Hokuho maru</i>	JLRE	Surface & mid-water trawl	INMARSAT telephone: +872-3431-028-10 Length: 63.60 m, Gross tonnage: 664
FRA Kushiro (HNFRI)	<i>Hokko maru</i>	JEEB	Surface trawl	INMARSAT telephone: +872-7634-443-93 Length: 64.73 m, Gross tonnage: 902
FRA Hachinohe (TNFRI)	<i>Kaiun maru</i>	JRFC	Driftnets	INMARSAT telephone: +870-764-936682 Length: 45.50 m, Gross tonnage: 206
HRO Kushiro Fish. Res. Inst.	<i>Hokushin maru</i>	7JSX	Driftnets & Surface trawl	Satellite maritime telephone (Widestar II): 09030236210 INMARSAT telephone: +870-773193232 Length: 43.71 m, Gross tonnage: 255