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**Cruise Plans of Japanese Research Vessels
Involving Incidental Takes of Anadromous Fish
in the North Pacific Ocean in 2018**

by

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Cruise Plans of Japanese Research Vessels Involving Incidental Takes of Anadromous Fish in the North Pacific Ocean in 2018

Abstract: Japanese research vessels (Appendix table) are scheduled to conduct ten surveys for pelagic fishes and squids in the North Pacific Ocean in 2018 (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, 2018

Table 1. Cruise plans of Japanese research vessels involving incidental catches of anadromous fishes in the North Pacific Ocean in 2018.

Vessel	Cruise period	Survey area	Research objects	Gear
<i>Hokushin maru</i>	May 14 (Kushiro) – May 18 (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	Surface trawl or Driftnets
<i>Hokushin maru</i>	June 21 (Kushiro) – June 28 (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 5 (Kushiro) – July 19 (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 28 (Kushiro) – September 6 (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 16 (Kushiro) – October 26 (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 14(Kushiro) – July 11 (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 22 (Hachinohe) - August 2 (Hachinohe)	Central and western North Pacific (30° - 46°N, 144°E - 176°E) excluding Russian 200 NMZ	Stock assessment of neon flying squid	Driftnets
TBA	September 14 (Shiogama) - October 22 (Shiogama)	Central and western North Pacific (30° - 50°N, 140°E - 160°W) excluding Russian 200 NMZ	Abundance of Pacific saury	Surface trawl
<i>Hokuho maru</i>	September 9 (Hakodate) – October 8 (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; AITC, Aomori Prefectural Industrial Technology Research Center.

Party	Vessel name	Call sign	Gears equipped	Other available information
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
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) AITC Fish. Res. Inst.	<i>Kaiun maru</i>	JRFC	Driftnets	INMARSAT telephone: +870-764-936682 Length: 45.50 m, Gross tonnage: 206
FRA Hachinohe (TNFRI)	TBA		Surface trawl	
FRA Hachinohe (TNFRI) 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