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**Cruise Plans of Japanese Research Vessels Involving Incidental Takes of
Anadromous Fishes
in the North Pacific Ocean in 2015**

by

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Cruise Plans of Japanese Research Vessels Involving Incidental Takes of Anadromous Fish in the North Pacific Ocean in 2015

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Japanese research vessels are scheduled to conduct 15 high-seas surveys for pelagic fishes and squids in the North Pacific Ocean in 2015 (Table 1). These surveys have a possibility of incidental salmon catch during the fishing operations with driftnets, trawl or saury dip-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, 2015

Table 1. Cruise plans of Japanese research vessels involving incidental catches of anadromous fishes in the North Pacific Ocean in 2015.

| Vessel | Cruise period | Survey area | Research objects | Gear |
|-------------------------------|---|---|--|-----------------|
| <i>Koryo maru No. 63</i> | April 17 (Kushiro)– July 16 (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> | April 17 (Kushiro)– July 16 (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>Mikasa maru No. 18</i> | April 17 (Kushiro)– July 16 (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> | April 17 (Kushiro)– July 16 (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>Koyo maru No. 11</i> | April 17 (Kushiro)– July 16 (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>Anyo maru No. 6</i> | May 22 (Kushiro)– July 5 (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>Shoko maru No. 1</i> | May 22 (Kushiro)– July 5 (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>Eikyu maru No. 1</i> | May 22 (Kushiro)– July 5 (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. 11</i> | May 22 (Kushiro)– July 5 (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 22 (Kushiro)– July 5 (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>Hokuho maru</i> | June 4 (Hakodate)– July 21 (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 (tentative)</i> | June 20 (Kushiro)– July 17 (Kushiro) | Western North Pacific (36° - 47°N, 142° - 165°E) excluding Russian 200 NMZ | Abundance of Pacific saury | Surface trawl |
| <i>Kaiun maru (tentative)</i> | June 26 (Hachinohe) - August 4 (Hachinohe) | Central and western North Pacific (30° - 46°N, 144°E - 175°W) excluding Russian 200 NMZ | Stock assessment of neon flying squid | Driftnets |
| <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 |
| <i>Hokuho maru</i> | Sep. 14 (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 |

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. JAMARC, Marine Fisheries Research and Development Center; FRA, Fisheries Research Agency; HRO, Hokkaido Research Organization; NRIFS, National Research Institute of Fisheries Science.

| Party | Vessel name | Call sign | Gear equipped | Other available information |
|---------------------------------------|---------------------------|-----------|---------------------------|--|
| 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>Mikasa maru No. 18</i> | 7JJH | Saury dip-net | INMARSAT telephone: +870-7731-90975 Length: 38.30 m, Gross tonnage: 199 |
| FRA Yokohama (JAMARC) | <i>Den maru No. 37</i> | JHOJ | 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 |
| FRA Yokohama (JAMARC) | <i>Anyo maru No. 6</i> | JGNK | Saury dip-net | INMARSAT telephone: +870-7731-92350 Length: 38.10 m, Gross tonnage: 199 |
| FRA Yokohama (JAMARC) | <i>Shoko maru No. 1</i> | JJXE | Saury dip-net | INMARSAT telephone: +870-7731-92512 Length: 32.00 m, Gross tonnage: 174 |
| FRA Yokohama (JAMARC) | <i>Eikyu maru No. 1</i> | JQTO | Saury dip-net | INMARSAT telephone: +870-7731-92102 Length: 35.46m, Gross tonnage: 198 |
| FRA Yokohama (JAMARC) | <i>Gonei maru No. 11</i> | JLML | Saury dip-net | INMARSAT telephone: +870-7731-92113 Length: 38.20 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 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 | <i>Hokko maru</i> | JEEB | Surface trawl | INMARSAT telephone: +872-7634-443-93 Length: 64.73 m, Gross tonnage: 902 |
| FRA Shimizu | <i>Kaiun maru</i> | JRFC | Driftnets | INMARSAT telephone: +872-6431-610-10 Length: 45.50 m, Gross tonnage: 208 |
| HRO Kushiro Fish. Res. Inst. | <i>Hokushin maru</i> | 7JSX | Driftnets | Satellite maritime telephone (Widestar II): 09030236210 INMARSAT telephone: +870-773193232 Length: 43.71 m, Gross tonnage: 255 |