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**Cruise Plans of Japanese Research Vessels involving incidental takes  
of anadromous fish in the North Pacific Ocean in 2003/2004 Fiscal  
Year**

**by**

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Sixteen cruises of Japanese research vessels are tentatively scheduled to conduct the following scientific research for pelagic fishes in the North Pacific in 2003/2004 fiscal year (Table 1). There are some possibilities of incidental catch of salmon during these cruises. In case of gillnet operation, lengths of gillnets will be less than 2.5 km at sea.

Table 1. Research cruise plans for pelagic fishes in the North Pacific Ocean in 2003/2004 fiscal year.

Vessel	Period	Survey area	Research objects	Gear equipped
<i>Wakataka maru</i>	Jun 10– Jun 27	35°00' – 45°00'N, 140°00' – 155°00'E excluding Russian EEZ	Abundance of Pacific saury	Mid-water trawl
<i>Hokuho maru</i>	May 10 – May 30	35°00' – 40°00'N, 140°00' – 161°00'E	Biomass of juvenile fishes	Mid-water trawl
<i>Shunyo maru</i>	Jun 12 – Jul 11	35°00' – 45°00'N, 140°00' – 156°00'E excluding Russian EEZ	Biomass of pelagic fishes	Mid-water trawl Hook-and-line
<i>Torishima</i>	Jun 6 – Jul 4	35°00' – 45°00'N, 140°00' – 155°00'E excluding Russian EEZ	Abundance of Pacific saury	Mid-water trawl
<i>Hokuho maru</i>	Jun 12 – Jul 21	34°00' – 47°00'N, 150°00'E – 175°00'W excluding Russian EEZ	Abundance of Pacific saury	Mid-water trawl Gillnets
<i>Hokuho maru</i>	Aug 30 – Sep 24	37°00' – 44°00'N, 140°00' – 153°00'E excluding Russian EEZ	Abundance of Pelagic fish	Mid-water trawl Gillnets
<i>Shunyo maru</i>	Oct 1 – Nov 19	25°00' – 37°00'N, 170°00'W – 140°00'W	Ecology of neon flying squid	Mid-water trawl Squid jigging
<i>Kurosaki</i>	May 13 – Jun 26	33°00' – 39°00'N, 140°00' – 153°00'E 38°00' – 43°00'N, 155°00' – 165°00'E	Ecology of sharks	Longline
<i>Daini-Taikai maru</i>	May 10 – Jul 10	35°00' – 40°00'N, 150°00' – 165°00'E	Ecology of sharks	Longline
<i>Soyo maru</i>	May 23 – Jun 13	34°00' – 41°00'N, 140°00' – 161°00'E	Ecology of juvenile and midwater fishes	Mid-water trawl
<i>Hokushin maru</i>	Jun 24 – Jul 3	38°00' - 43°00'N, 142°00' - 149°00'E excluding Russian EEZ	Abundance of pelagic fishes	Gillnets
<i>Hokushin maru</i>	Jul 8 – Jul 22	40°00' - 47°00'N, 149°00' - 163°00'E excluding Russian EEZ	Abundance of Pacific saury	Gillnets
<i>Hokushin maru</i>	Sep 1 – Oct 31	38°00' - 43°00'N, 142°00' - 149°00'E excluding Russian EEZ	Abundance of pelagic fishes	Gillnets
<i>Ibaraki maru</i>	Jun 9 – Jun 18	34°00' - 45°00'N, 140°00' - 156°00'E excluding Russian EEZ	Abundance of Pacific saury	Gillnets Mid-water trawl
<i>Shin-Miyagi maru</i>	mid Jul – late Jul	35°00' - 45°00'N, 140°00' - 180°00'E excluding Russian EEZ	Migration of pelagic fishes	Gillnets
<i>Iwaki maru</i>	Apr 15 – Dec 31	34°00' - 45°00'N, 140°00' - 155°00'E excluding Russian EEZ	Abundance of Pacific saury	Gillnets