

IN THE FEDERAL COURT OF AUSTRALIA
NEW SOUTH WALES DISTRICT REGISTRY

No. NSD 1519 of 2004

HUMANE SOCIETY INTERNATIONAL INC

Applicant

KYODO SENPAKU KAISHA LTD

Respondent

CERTIFICATE OF EXHIBIT / ANNEXURE
(Order 14, rules 2(2B) and 4)

This page and the following 3 pages are the annexure marked “**NJB-19**” to the affidavit of Nicola Jane Beynon affirmed before me on 25 October 2006.

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Justice of the Peace / Solicitor

CERTIFICATE OF EXHIBIT /
ANNEXURE
Order 14, rules 2(2B) and 4

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EXTRACT FROM THE 2005/2006 CRUISE REPORT
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SC/58/07

Cruise Report of the • Second Phase of the Japanese Whale Research Program under Special Permit in the Antarctic (JARPA • •) in 2005/2006 -Feasibility study-

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ABSTRACT

The research plan for the Second Phase of the Japanese Whale Research Program under Special Permit in the Antarctic (JARPA II) was presented to the 2005 meeting of the International Whaling Commission's Scientific Committee (IWC/SC). The research program involves both non-lethal and lethal research techniques. The first two JARPA II surveys, to be conducted in the 2005/06 and 2006/07 austral summer seasons, were planned as feasibility studies with the following objectives: 1) to examine the practicability and appropriateness of sighting methods considering the enlarged research area, 2) to examine the practicability and appropriateness of sampling procedure considering the increased sample size for Antarctic minke whale and 3) to examine the practicability of methods of hunting, hauling, flensing and biological sampling of large-sized whales. For the feasibility surveys a total of 850 +/- 10% Antarctic minke whales and 10 fin whales were planned for sampling. The first feasibility survey of the JARPA II was carried out between 3 December 2005 and 20 March 2006 (108 days) in Areas III E, IV and part of Area V. The total searching distance was 16,372.7 n.miles (8,836.2 n.miles covered by the two dedicated Sighting Vessels (SVs) and 7,536.5 n.miles covered by the three Sighting and Sampling Vessels (SSVs). The following species managed by the IWC were sighted: Antarctic minke, blue, fin, sei, humpback, southern right, sperm and southern bottlenose whales. The Antarctic minke and humpback whales were the dominant species. Out of 821 schools (1,959 individuals) in the primary sightings of Antarctic minke whales by SSVs, 779 schools (1,879 individuals) were targeted for sampling. A total of 853 individuals were sampled. Out of 37 schools (245 individuals) in the primary sightings of fin whales by SSVs, 11 schools (112 individuals) were targeted for sampling. A total of 10 animals were sampled. The maximum body length for the sampled fin whales was 20.22m (female, 61.52 tons). Photo-id experiments were conducted on blue, humpback and southern right whales and a total of 85 animals were photographed. A total of 46 skin biopsy samples were collected from seven species. CTD, XCTD and XBT castings were conducted at 86, 123 and 22 locations, respectively. EPCS (Electric Particle Counting and Sizing System) survey was conducted for 94 and 99 days by each SV, respectively. One of SV conducted the quantitative echo sounder survey for 94 days in the whole research area. The main results of this feasibility survey were as follows: 1) Antarctic minke and the humpback whales were the dominant species observed in similar numbers in the research area, 2) fin whales were widely distributed in the south strata from 80°E to 135°E, 3) large baleen whales intermingled in the south strata throughout the whole research area. Regarding the objectives of the feasibility survey, the following results were obtained: 1) the sighting methods used were practical and appropriate for the enlarged research area, 2) sampling procedures were appropriate for covering the increased sample size of the Antarctic minke whales of 850 +/- 10%, 3) method of hunting, hauling, flensing and biological sampling of large-sized whales was checked and found to be adequately done. Therefore it can be concluded that the first feasibility survey of JARPA II was conducted satisfactorily and that the objectives of the survey had been covered adequately.

KEYWORDS: • ANTARCTIC MINKE WHALES; • FIN WHALES; HUMPBACK WHALES; BALEEN WHALES; ANTARCTIC; SOUTHERN HEMISPHERE; • SCIENTIFIC PERMITS

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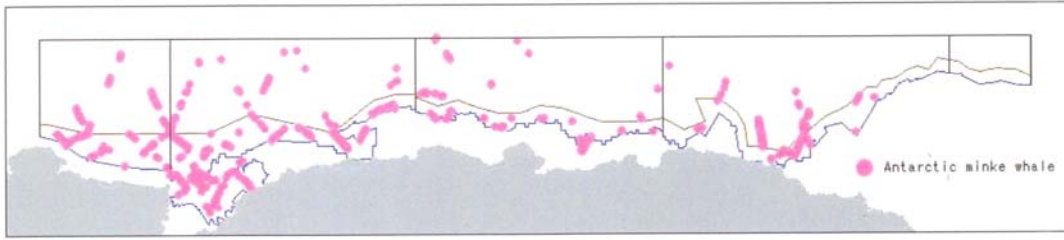


Fig. 6. Distribution of all sightings of Antarctic minke whales sighted by SVs in 2005/2006 JARPAII

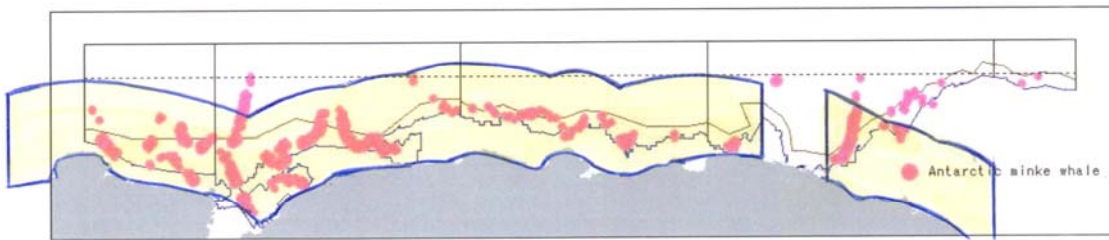


Fig. 7. Distribution of all sightings of Antarctic minke whales sighted by SSVs in 2005/2006 JARPAII



Fig.8. Distribution of all sightings of humpback whales sighted by SVs in 2005/2006 JARPAII.

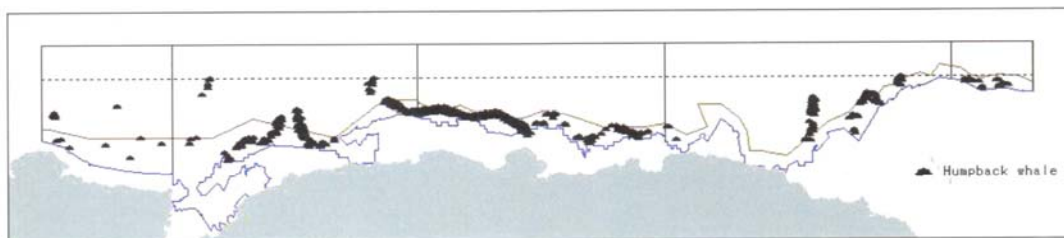


Fig. 9. Distribution of all sightings of humpback whales sighted by SSVs in 2005/2006 JARPAII

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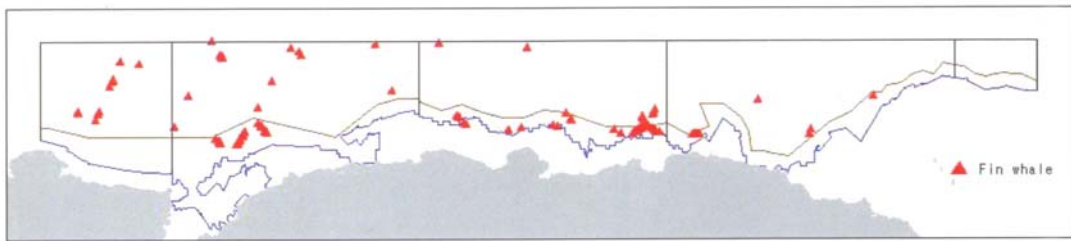


Fig.10. Distribution of all sightings of fin whales sighted by SVs in 2005/2006 JARPAII

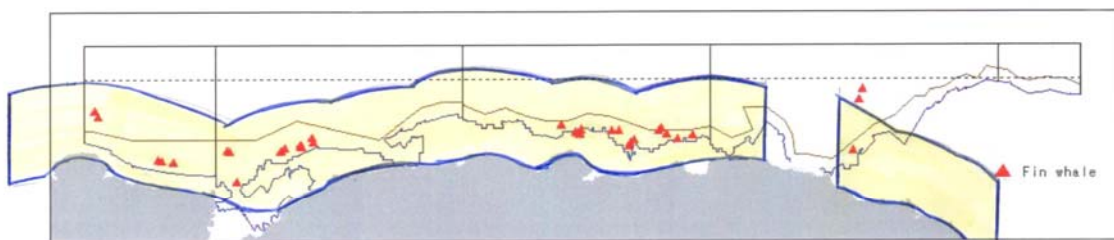


Fig.11. Distribution of all sightings of fin whales sighted by SSVs in 2005/2006 JARPAII

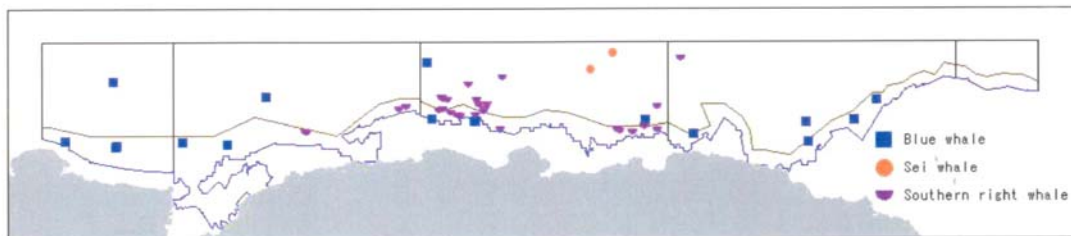


Fig.12. Distribution of all sightings of blue, sei and southern right whales sighted by SVs in 2005/2006 JARPAII

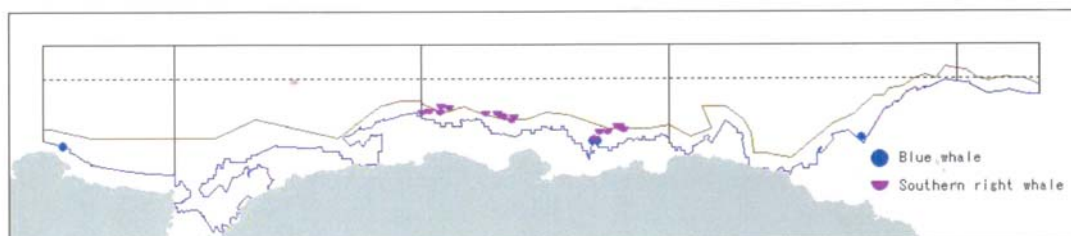


Fig.13. Distribution of all sightings of blue and southern right whales sighted by SSVs in 2005/2006 JARPAII