

## JARPA REVIEW MEETING

### List of documents

SC/D06/J1. Hatanaka, H., Fujise, Y., Pastene, L.A. and Ohsumi, S. Review of JARPA research objectives and update of the work related to JARPA tasks derived from the 1997 SC meetings.

SC/D06/J2. Nishiwaki, S., Ishikawa, H. and Fujise, Y. Review of general methodology and survey procedure under the JARPA.

SC/D06/J3. Hakamada, T., Goto, M. and Ishikawa, H. Examination of the effect of skip on abundance estimates for Antarctic minke whales.

SC/D06/J4. Burt, M.L. and Paxton, C.G.M. Review of density surface modeling applied to JARPA survey data.

SC/D06/J5. Matsuishi, T., Ikeda, H. and Nishiwaki, S. Estimation of  $g(0)$  based on the sighting survey data of JARPA incorporating additional information.

SC/D06/J6. Hakamada, T., Matsuoka, K. and Nishiwaki, S. An update of Antarctic minke whales abundance estimate based on JARPA data.

SC/D06/J7. Matsuoka, K., Hakamada, T. and Nishiwaki, S. Distribution and abundance of humpback, fin and blue whales in the Antarctic Areas IIIE, IV, V and VIW (35°E-145°W).

SC/D06/J8. Pastene, L.A. A brief review of the genetic studies on dwarf minke whale.

SC/D06/J9. Pastene, L.A., Goto M. and Kanda, N. Genetic analysis on stock structure in the Antarctic minke whales from the JARPA research area based on mitochondrial DNA and microsatellite.

SC/D06/J10. Hakamada, T. A study on stock structure in the Antarctic minke whale from the JARPA research area based on morphometric analysis.

SC/D06/J11. Bando, T., Zenitani, R. and Fujise, Y. A study on stock structure in the Antarctic minke whales from the JARPA research area based on analysis of body length of physically matured whales.

SC/D06/J12. Pastene, L.A. What do we know about the stock structure of the Antarctic minke whale? A summary of studies and hypotheses.

SC/D06/J13. Tanaka, E., Zenitani, R. and Fujise, Y. An estimate of natural mortality coefficient in Antarctic minke whales using JARPA data.

SC/D06/J14. Mori, M., Kitakado, T. and Butterworth, D.S. Progress on application of ADAPT-VPA to minke whales in Areas IV and V given updated information from IDCR/SOWER and JARPA surveys.

- SC/D06/J15. Zenitani, R. and Kato, H. Temporal trend of age at sexual maturity of Antarctic minke whales based on transition phase in earplugs obtained under JARPA surveys from 1987/88 to 2004/05.
- SC/D06/J16. Mori, M., Butterworth, D.S., Zenitani, R. and Kato, H. Model-based transition phase analyses for the Antarctic minke whales in the JARPA research area.
- SC/D06/J17. Bando, T., Zenitani, R., Fujise, Y. and Kato, H. Biological parameters of Antarctic minke whale based on materials collected by the JARPA survey in 1987/88 to 2004/05.
- SC/D06/J18. Tamura, T. and Konishi, K. Food habit and prey consumption of Antarctic minke whale *Balaenoptera bonaerensis* in the JARPA research area.
- SC/D06/J19. Konishi, K., Tamura, T. and Walloe, L. Yearly trend of energy storage in the Antarctic minke whale *Balaenoptera bonaerensis* in the JARPA research area.
- SC/D06/J20. Tamura, T., Konishi, K., Nishiwaki, S., Taki, K., Hayashi, T. and Naganobu, M. Comparison between stomach contents of Antarctic minke whale and krill sampled by RMT net in the Ross Sea and adjacent waters.
- SC/D06/J21. Murase, H., Kiwada, H., Matsuoka, K. and Nishiwaki, S. Results of the cetacean prey survey using echo sounder in JARPA from 1998/99 to 2004/2005.
- SC/D06/J22. Murase, H., Tamura, T., Matsuoka, K., and Hakamada, T. First attempt of estimation of feeding impact on krill standing stock by three baleen whale species (Antarctic minke, humpback and fin whales) in Areas IV and V using JARPA data.
- SC/D06/J23. Naganobu, M., Nishiwaki, S., Yasuma, H., Matsukura, R., Takao, Y., Taki, K., Hayashi, T., Watanabe, Y., Yabuki, T., Yoda, Y., Noiri, Y., Kuga, M., Yoshikawa, K., Kokubun, N., Murase, H., Matsuoka, K. and Ito, K. Interactions between oceanography, krill and baleen whales in the Ross Sea and Adjacent Waters: An overview of *Kaiyo Maru*-JARPA joint survey in 2004/05.
- SC/D06/J24. Murase, H., Tamura, T., Nishiwaki, S., Yasuma, H., Matsuoka, K., Yabuki, T. and Naganobu, M. Biomass estimation of *Euphausia superba* and *E. crystallorophias* in the Ross Sea in 2004/05 using *Kaiyo Maru*-JARPA joint survey data.
- SC/D06/J25. Murase, H., Kitakado, T., Matsuoka, K., Nishiwaki, S. and Naganobu, M. Relating the distribution patterns of Antarctic minke whales with abiotic and biotic environmental factors in the Ross Sea in 2004/05 using *Kaiyo Maru*-JARPA joint survey data.
- SC/D06/J26. Fujise, Y., Hatanaka, H. and Ohsumi, S. Changes occurred on Antarctic minke whale stocks in the Antarctic and their ecological implications.
- SC/D06/J27. Yasunaga, G., Fujise, Y. and Honda, K. Trace element accumulations of Antarctic krill, *Euphausia superba*, in Areas-III, IV, V and VI from Antarctic Ocean during 1989-1999.

SC/D06/J28. Yasunaga, G., Fujise, Y., Zenitani, R., Honda, K. and Kato, H. Yearly trend of trace element accumulation in liver of Antarctic minke whales, *Balaenoptera bonaerensis*.

SC/D06/J29. Yasunaga, G., Fujise, Y., Zenitani, R., Tanabe, S. and Kato, H. Spatial and temporal variation in organochlorine contaminants in the Antarctic minke whales, *Balaenoptera bonaerensis*.

SC/D06/J30. Watanabe, T., Yabuki, T., Suga, T., Hanawa, K., Matsuoka, K. and Kiwada, H. Results of oceanographic analyses conducted under JARPA and possible evidence of environmental changes.

SC/D06/J31. Pastene, L.A., Goto, M., Nishiwaki, S., Yoshida, H. and Kanda, N. Genetic characteristics and population structure of humpback whales in the Antarctic feeding grounds as revealed by mitochondrial DNA control region sequencing and microsatellite analyses.

SC/D06/J32. Pastene, L.A., Ishikawa, H., Goto, M. and Nishiwaki, S. Overview of the studies on large whales not related with the main objectives of the JARPA.