

Main items pointed out by the IWC's Scientific Committee (SC) in relation to Resolution 2014-5 and Japan's planned responses

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<p><b>1 Reasonableness of research methods and the level of contribution to conservation and management of whales</b>  <b>【Resolution 2014-5 (a) (b)】</b>  <u>Additional work needs to be done to evaluate the level of improvement in conservation and management of cetaceans by improved precision in biological parameters through lethal sampling.</u></p>	<p>○ <u>Implement quantitative simulations of expected research outcomes in order to explain necessity of lethal sampling.</u></p> <ul style="list-style-type: none"> <li>▪ Evaluation of the level of improvement of performances in RMP/IST* etc.</li> </ul>
<p><b>2 Whether the objectives of the research could be achieved by non-lethal means</b>  <b>【Resolution 2014-5 (c)】</b></p> <p>The SC agrees with the Panel that <u>it will not be able to determine whether non-lethal means can be used to achieve certain objectives</u> until the field experiments, laboratory work and analyses recommended by the Panel are conducted.</p>	<p>○ Verify feasibility of non-lethal methods including biopsy sampling from the first field season.</p> <ul style="list-style-type: none"> <li>▪ <u>Japan considers that implementation of lethal sampling is reasonable until feasibility of non-lethal methods is confirmed. However, Japan will begin to examine the feasibility of non-lethal methods from the first field season.</u></li> </ul>
<p><b>3 Whether the scale of lethal sampling is reasonable</b>  <b>【Resolution 2014-5 (d)】</b>  The estimated sample sizes are likely to be too small to obtain scientifically meaningful research result.</p>	<p>○ <u>Implement further statistical simulations to verify the reasonableness of sample sizes.</u></p>
<p><b>4 Other matters as the SC considers relevant to the programme, having regard to the decision of the International Court of Justice.</b>  <b>【Resolution 2014-5 (e)】</b></p> <p>The SC recommends further collaboration related to the development of ecosystem models, prey studies and evaluation of non-lethal techniques.</p>	<p>○ Collaborate with Convention on the Conservation of Antarctic Marine Living Resources (CCAMLR) and related scientists regarding development of ecosystem models and prey studies as well as establish collaboration and cooperative relations with researchers within and outside Japan who have knowledge and experience on non-lethal methods including biopsy sampling and satellite tagging.</p> <p>For instance, attend meetings of this year's Scientific Committee of CCAMLR and explain outline of program regarding prey research.</p>

\* Revised Management Procedure (RMP) is the IWC's agreed mechanism to calculate safe catch limits for commercial whaling. Implementation Simulation Trial (IST) is an application test of RMP using simulations (experiment under various conditions).

(Note) Demonstrate objective basis for reasonableness of lethal sampling and sample sizes especially through 1 and 3.