

INTERNATIONAL DOLPHIN CONSERVATION PROGRAM

SCIENTIFIC ADVISORY BOARD

2<sup>ND</sup> MEETING

LANZAROTE (SPAIN)

19 JUNE 2005

DOCUMENT SAB-2-09

WORK PLAN

Research Topics	Proposed Studies	SAB Recommendations
1. Prevalence and significance of cow-calf separation	A) Aerial photogrammetry B) At-sea observations C) Spatial distribution of chase time	A-C) Conduct research to discover evidence of cow-calf separation during chase
2. Stress effects	A) Necropsy studies B) CHESS studies	A) Resume sampling program that would include research on stress B) Remove from Work Plan
3. Review of currently available estimates of abundance for dolphin stocks	A) Review current abundance estimates B) Reevaluate $N_{min}$	A-B) Authorize working group to examine both of these topics so that the SAB can provide recommendations to the Parties
4. Ecosystem effects	A) Trends in other EPO cetaceans B) Predator-prey models C) Effect of large-scale changes in 1970s D) Carrying capacity + $R_{max}$ for dolphins	A-D) Maintain on Work Plan
5. Mortality estimates	A) Historical mortality estimates B) Potential unobserved sources of mortality: 1) comparison of observer programs 2) new technology for monitoring mortality 3) Class-5 vessels 4) Other fisheries	A) Review historical estimates B) Monitor ongoing comparisons for IRP <sup>1</sup> and maintain on Work Plan
6. Life history studies	A) Life history studies: 1) Reproductive parameters/ vital rates 2) Food habits 3) Trophic interactions	A) Resume sampling program to conduct studies on these topics

<sup>1</sup> Pending consultation with the Parties regarding confidentiality issues.

7. Stock assessment of coastal spotted dolphins	A) Genetics and taxonomy research B) Historical mortality, abundance, and status of any new stocks	A-B) Maintain on Work Plan
8. Population modeling	A) Model effects of unobserved mortality B) Other population models	A) Expand NMFS simulation studies to prioritize research B) Maintain on Work Plan
9. Development in gear technology and fishing techniques to improve dolphin release	A) Net panels B) Stephenson <i>boleadoras</i> C) Jet skis and other rescue craft D) Net profilers	A-D) Widen studies, particularly for rescue craft and net profilers
10. Capture of mature tuna not in association with dolphins	A) LIDAR B) Simultaneous tracking of dolphins and tuna C) Large-scale tagging	A) Request for NMFS update B) Maintain on Work Plan C) Add to Work Plan