

197Reference	Cross-Reference	WGWAP Recommendation	SEIC	Completion Date	SEIC Response
WGWAP 1/001	WGWAP 1/3 - Section 3.0	<p>The Panel requests that Sakhalin Energy prepare a schedule of its work for at least the next five years – this should include the construction and operations schedule, the research and monitoring plans and the times when decisions will be taken. As well as confirmed activities, it</p> <p>In addition, the Panel requests that Sakhalin Energy establish a standard practice of keeping it informed of its plans, through IUCN, without the Panel having to request such information repeatedly.</p>	SEIC	Completed	Program sent to IUCN
WGWAP 1/002	WGWAP 1/3 - Section 4.2	<p>The Panel recommends that from this year onwards, certain simple statistics from photo-identification studies be reported by Sakhalin Energy as routine information after each field season, including: field effort, number of different whales sighted and identified, number of identified females and males sighted, number of calves, number of 'new' whales, number of mother-calf pairs, number of skinny whales, and any known deaths.</p> <p>The Panel also looks forward to receiving the detailed analysis of the 'skinny' whale issue being undertaken by</p>			

197Reference	Cross-Reference	WGWAP Recommendation & Requests	Responsible Party	Target Completion Date	SEIC Response
		<p>(2) The study would benefit from an exploration of the relationships among the predictor variables and among the response variables. For example, response variables may be related, given that they depend on the behaviour of an animal (e.g. an animal that is travelling at greater speed spends more time at the surface and moves in a more nearly constant direction). Such possibilities should be explored to provide the best possible understanding of the relationships among the different variables and the most appropriate form of the predictor and response variables. Principal components analysis is one way to examine these relationships and is often used as a preliminary step to explore the data before hypothesis testing is initiated.</p>			Ditto
		<p>(3) The 'subjects' of the research also warrant reconsideration. In the analysis considered at the meeting, the authors had chosen to pool data for mother-calf pairs and single-whale groups. Unfortunately, this adds a confounding discontinuity in the subject pool because mother-calf pairs behave differently from single whales. Such pooling should always be preceded by comparison of the</p>			

197Reference	Cross-Reference	WGWAP Recommendation & Requests	Responsible Party	Target Completion Date	SEIC Response
		construction season.			
WGWAP 1/010	WGWAP 1/3 - Section 8.0	The Panel recommends that the northern areas should be surveyed by helicopter monthly during the open-water season. Although these areas may be observed by research groups as they move into and out of the region, ground vehicles are not sufficient for complete coverage because the beach zone is not always visible from the road.	SEIC	Nov 2007	Will be implemented in 2007
WGWAP 1/011	WGWAP 1/3 - Section 8.0	The Panel endorses the relatively detailed protocols and advice given in the IISG report under the heading 'Carcass Detection, Salvage and Necropsy'. It also recommends that as a minimal response to the finding of a gray whale carcass, Sakhalin Energy make sure that it is photographed promptly and that IUCN is notified by phone or e-mail as soon as possible. Then, based on the condition of the carcass (as inferred from the photographs), the Panel will make recommendation concerning what materials should be collected etc.	SEIC	Complete	SEIC has a procedure that requires that it first contacts relevant Russian authorities and then if permitted will provide information to external parties. This is a legal requirement.
WGWAP 1/012	WGWAP 1/3 - Section 9.0	In terms of DNA and other biological sampling, the Panel refers Sakhalin Energy to the IISG report where detailed advice was provided. Here, it recommends that a tissue sample (preferably skin or bone) be collected as soon as possible if any carcass of a baleen whale is found and there is any possibility that it could be a gray whale.	SEIC	Complete	In case of a gray whale carcass found SEIC will make every effort possible to obtain relevant samples in close cooperation with Russian authorities. Necropsy form is a part of MMO manual that is to be presented for the panel review.

197Reference	Cross-Reference	WGWAP Recommendation & Requests	Responsible Party	Target Completion Date	SEIC Response
		(c) Bruce Mate submits to the Panel, for review, a detailed experimental protocol including measures to be taken to minimise the possibility of accidental injury or stress to the animals, and a proposal on sample size in terms of attempts as well as successful attachments;			
		(d) A formal report is submitted to the Panel by the vet who determined the cause of death of the gray whale in Bruce Mate's Mexican study (see WGWAP 1/INF.12);			
		(e) The Panel receives and considers the report of the Society for Marine Mammalogy's workshop on whale tagging;			
		(f) Experience from around the world on safeguards for the process (e.g. number of approaches allowed per day or other unit of time, total time spent with a particular animal) has been reviewed by the Panel;			

197Reference	Cross-Reference	WGWAP Recommendation & Requests	Responsible
--------------	-----------------	---------------------------------	-------------

197Reference	Cross-Reference	WGWAP Recommendation & Requests	Responsible Party	Target Completion Date	SEIC Response
		<p>(1) LTMP design should reflect consideration of possible spatial and temporal separations in processes important to benthic community structure, dynamics and productivity. Detrital transport connections between Piltun Lagoon and the whale feeding areas are an example of spatially distinct processes that could be important to whale food availability. Effects of winter and spring sea ice cover and movement on subsequent patterns and productivity of benthos provide examples of potentially important processes that are temporally disjunct.</p>		November 2007	In 2007 plans are to start sampling program earlier in the season to be able to estimate prey distribution and development prior to the feeding season.
		<p>(2) Continued monitoring of benthic communities in the whale feeding areas, using sampling approaches employed in previous years, is essential as a long-</p>			

197Reference	Cross-Reference	WGWAP Recommendation & Requests	Responsible Party	Target Completion Date	SEIC Response
WGWAP 1/023	WGWAP 1/3 - Section 12.1	Concerning the issue of reducing collision risks associated with crew change vessels, the Panel notes some positive changes in the Sakhalin Energy approach. However, it believes that further work in this area is important and should be pursued. Therefore, it is recommend that:	SEIC		
		(a) Both crew change vessels have 2 MMOs onboard on a <i>permanent</i> basis, as recommended by the IISG, instead of 'whenever possible', as reported by Sakhalin Energy at this meeting;		November 2007	This was Implemented in 2006 and is planned for 2007
		(b) Further measures be taken to avoid deviations of crew change vessels from the prescribed route;		No further action required	SEIC has a procedure in place and follows up on all deviations.

197Reference	Cross-Reference	WGWAP Recommendation & Requests	Responsible Party	Target Completion Date	SEIC Response
		for consideration at the next WGWAP meeting and emphasises that the report must be more than a collation of observer data and should include appropriate analyses.			
WGWAP 1/027	WGWAP 1/3 - Section 12.2	Additionally, the Panel requests that Sakhalin Energy submit for review its protocol for allocating MMOs to the various vessels in the fleet.	SEIC		There is no formal assignment protocol. SEIC has a pool of trained MMO that are assigned to vessels as required.
WGWAP 1/028	WGWAP 1/3 - Section 12.2	Finally, the Panel recommends that Sakhalin Energy share its traffic rules, its scheme of vessel navigation corridors and its MMO programme plan with other oil and gas companies operating on the Sakhalin Shelf, regardless of whether those companies are obligated to implement such rules, protocols and programmes.	SEIC		SEIC encourages IUCN to provide this information to other operators with whom IUCN has contact. SEIC has shared this with ENL.
WGWAP 1/029	WGWAP 1/3 - Section 13.0	The Panel affirms its continued interest in knowing more about the oil spill that occurred in the vicinity of Hokkaido in January 2006 (and considered by the IISG) and requests that both Sakhalin Energy and IUCN make further inquiries and report on progress at the next WGWAP meeting.	IUCN / SEIC	April 2007	IUCN is currently following this up with the Japan Coast Guard and will also be writing to the Ministry for Foreign Affairs and the Japanese IUCN Committee. A progress report will be provided to the WGWAP at its next meeting.
WGWAP 1/030	WGWAP 1/3 - Section 14.0	It was agreed that there was a need for access to an authoritative, up-to-date and more detailed map showing the spatial boundaries (including latitudes/longitudes) of the existing (and proposed) oil and gas lease areas on the Sakhalin Shelf. The Panel recommends that IUCN consult with industry (Sakhalin Energy as well as other companies), Russian governmental agencies, NGOs and other sources, as appropriate, to obtain better information on oil and gas activities in the Sakhalin region. Such information needs to be provided to the Panel on a routine basis.	IUCN	April 2007	IUCN will establish an in house GIS cmore detailed map showi84q62.1 t c