



Fisheries, Hunting and Gathering

Purpose

To manage *Risks*¹ of actual and potential effects on fisheries arising from environmental aspects of *Sakhalin Energy Assets and Activities*, and potential Risks of hunting and gathering.

Who is this for?

- *Social Performance Team Manager*;
- *Project Managers, Contract Holders and Contractors* with work scope including major project or project expansion construction activities.

To be clear, only requirement 1 is applicable for operations phase. Requirements 2 to 4 are only applicable in the event of major project expansion.

Requirements applicable to operations phase

1. **Offshore Fisheries – Consultation and communication.** [EIA Addendum, Commercial Fisheries]
 - a. Sakhalin Energy shall continue to maintain a regular dialogue with offshore fishing communities / fishermen, in discussions on impacts, and compensation/relocation if appropriate. This shall include the Sakhalin Association of Fishermen. (ARS), commercial fishing enterprises and associated ancillary industries, and IP fisheries collectives in Nogliki, as appropriate.
 - b. Community Liaison Officers shall be appointed to communicate with such fishermen during all phases of the project. Records shall be kept of all communications with fishermen and damage to fishing gear and all compensation claims shall be handled according to agreed protocols between the contractor and the local fisheries representatives.

Requirements applicable to major offshore project or major project expansion construction

2. **Offshore Fisheries – Consultation and communication.** [EIA Addendum, Commercial Fisheries]
 - a. Consultation shall be carried out by Sakhalin Energy to identify interested parties and prior notification shall be given to them providing details of platform towing routes and schedules, and the location and scheduling of construction and pipe laying activities. [EIA Vol 5, Ch. 3]
 - b. Where appropriate, fishing representatives shall be invited to be on board the key vessel of the construction spread and shall be responsible for communicating with local fishermen who may be in or approaching the construction spread and warning fishing vessels in the area of operations. Procedures for dealing with fishing representatives and communication with industry developed and contained in relevant management and communication plans.
 - c. Compensation for potential damage to the salmon fishery is being paid based on Fish Damage Calculations that estimate the net loss of salmon biomass. Compensation is directed towards salmon hatcheries to replace the estimated loss of fish biomass.
 - d. Where appropriate, Fish Damage Compensation shall be paid for the impact of disposal activities in line with the standard Russian Federation legislative practice and the Resettlement Action Plan.
 - e. Further investigations were carried out by Sakhalin Energy on existing commercial fishing activities and general vessel operations within the area potentially affected by construction activities and platform operations to further define appropriate mitigation measures.
 - f. Notice to Mariners, made available to all vessel operators and captains, shall be issued giving the location of the temporary and permanent exclusion zones and warning areas around the construction and platform sites. The warning area around the LNG and TLU facilities in Aniva Bay shall be marked on charts and fishing from within this area shall be prohibited. Exclusion areas clearly marked on maps and charts and made available to fisherman and other relevant vessel operators.

¹ Italicized terms in this document are included in the Sakhalin Energy HSE Glossary.

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3. Offshore Fisheries – Mitigation measures

- a. To minimize seabed disturbance during pipeline laying, offshore pipeline design shall seek to reduce the width of the dredged area (e.g. pipelines shall be laid in the same trench if practicable).
- b. Should fixed fishing gear be located along the pipeline routes the fishing representative shall organise its removal. As a last resort, a support vessel may be required to remove the fishing gear.
- c. Piling works near shore potentially impacting salmon migration shall be undertaken using a vibropiling technique and shall be undertaken outside of the main salmon migration season (May-September).

Requirements applicable to major onshore project or major project expansion construction

- 4. **Hunting, fishing and gathering.** Ensure that personnel engaged in project activities are fully aware of commitments made by Sakhalin Energy with respect to hunting, gathering and fishing and that these commitments will be enforced. [EIAA Chapter 11 Protected Areas; EIA VOL 4, Section 3.11.1, 3.12.1 and Table 2.28; EIA VOL 5, Section 3.7.1, 3.7.2 and 3.9.1]
 - a. During the construction period, in northern and central Sakhalin (north of Dolinsk and Tomari districts), project workers shall not be permitted to fish, gather or hunt.
 - b. In southern Sakhalin (Dolinsk and Tomari districts and to the south), project workers may fish with a licence, but not gather or hunt.
 - c. Contractors shall be required to ensure that construction personnel are fully briefed about issues related to fauna, and particularly the measures to be taken to ensure that unauthorised hunting does not take place.
 - d. The keeping of pets on construction sites shall also be prohibited.
 - e. Hunting, fishing and gathering will be allowed for the Sakhalin local construction workforce if it is outside working time, not wearing their working clothes, and with the proper permit.
 - f. Sakhalin Energy shall annually review this policy with the relevant Russian authorities to identify any potentially adverse effects. The Sakhalin Energy CLO (community liaison officer) organisation shall independently monitor community responses to the Sakhalin Energy policy.
- 5. Specific measures to safeguard the hydrological and sedimentological characteristics and conditions of watercourses that support important freshwater fisheries and fish species are specified in the River Crossings Specification. [EIA VOL 4, Section 3.7.1]

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