



IPU Starting Case Study

Sakhalin Island

Hydraulic Start Packages – Sakhalin Island

APPLICATION: Offshore Platform
LOCATION: Sakhalin Island (Russia)
ENGINE: Caterpillar 3516HD engines

SOLUTION:

The hydraulic start system was designed for primary starting of a CAT 3516HD emergency power generator located on an offshore platform. The environmental operating conditions, with extreme temperature ranges of -45°C to +35°C, had to be a major consideration in the selection of appropriate materials and components, to ensure the starting system would not be effected by the harsh conditions.

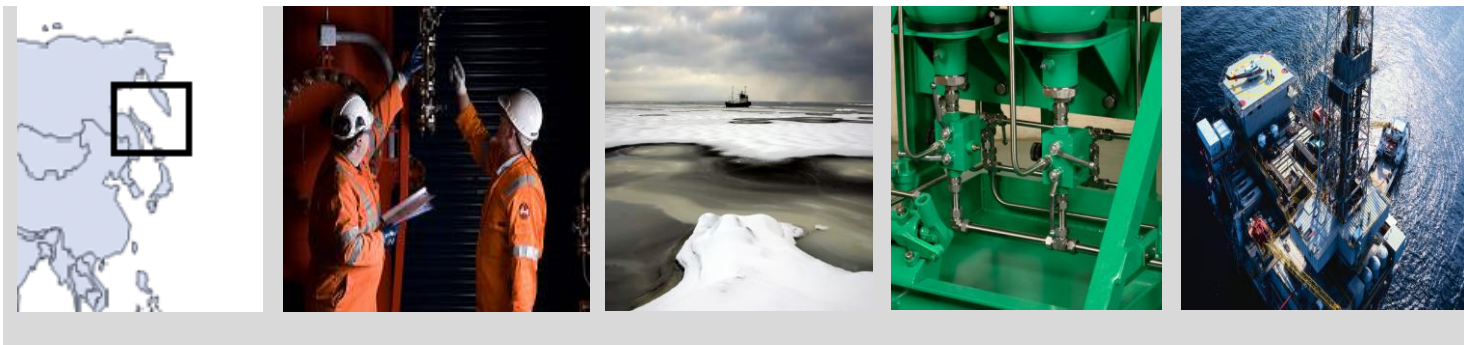
IPU successfully implemented a Starting System that can function on the Exxon-Mobil operated platform, located 25km off the north east coast of Russia. The Starting System has the capacity for three starts, each with a ten second starting cycle for the emergency generator sets. All pipe work, valves and fittings were made in stainless steel and the complete package was finished to an offshore paint specification. The finished system was delivered with full GOST certification.

IPU was the ideal choice for this project because:

- IPU has industry leading, high quality design and engineering skills.
- Offered the perfect solution against harsh environmental and performance criteria.
- High quality after care service.
- Complete package of supporting documentation, certification and approvals for offshore environments.



For more information contact a member of our Starting Sales Team on +44 (0) 121 511 0400



IPU GROUP Engine Starting Division

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