

Design and License Agreement for Aker ARC 121



Photo: Arctech Helsinki Shipyard

Aker Arctic has made the concept design for the new Ice Breaking Standby Vessel (IBSBV) known as Aker ARC 121 to meet the demanding criteria of Sakhalin Energy Investment Company Ltd. (SEIC). Arctech Helsinki Shipyard signed a contract in August 2014 with Russia's largest shipping company Sovcomflot for the building of three of these vessels. They will be built for the North East Sakhalin Offshore region oil and gas field where they will serve the operator of Sakhalin-2, Sakhalin Energy Investment Company Ltd. (SEIC). The vessels will be delivered between September 2016 and March 2017 and the total value of the construction order is about USD 380 million.

Sakhalin Energy and Sovcomflot have in July signed contracts for the construction and long-term operation of the three multifunctional icebreaking standby vessels to serve the Sakhalin-2 offshore energy platforms. Operations under the contract will continue for 20 years. The vessels will be used as year-round personnel carriers and also as supply vessels for offshore platforms in the Sea of Okhotsk. In an emergency, the vessels can be deployed for personnel evacuation and oil spill response. They will be operating in thick drifting ice for ice management and icebreaking in temperatures as cold as -35°C . The icebreaking capability of the standby vessels is very high; the vessels are able to proceed independently in 1.5 metre thick ice.



This new series of IBSBV's is a further development of the Aker ARC 105 concept, whilst the design and technical parameters of the new vessels were specially modified to meet the needs of the Sakhalin-2 project.

"The Aker ARC 121 design is developed to meet the demanding design criteria set forth by SEIC. The final design work will begin this autumn by Arctech according to the demands of both the owner and operator. Our responsibility will be to define hull form and conduct open water tests as well as ice trials once the vessels have been constructed," says Maximilian Vocke, Project Manager at Aker Arctic Technology.

www.sovcomflot.ru,
www.sakhalinenergy.com, www.arctech.fi

This new series of IBSBV's is a further development of the Aker ARC 105 concept, whilst the design and technical parameters of the new vessels were specially modified to meet the needs of the Sakhalin-2 project and the demanding design criteria set forth by SEIC.