

Vaisala on board the Russian research vessel Akademik Fedorov



In fall 2008, the Russian Federal Service for Hydrometeorology and Environmental Monitoring (Roshydromet) conducted a research expedition in the Arctic basin and the Arctic seas under the name Arctic-2008. Akademik Fedorov, the 140-meter-long diesel-electric flagship of the Russian polar research fleet was used for the expedition. The

ship was named after a Soviet polar explorer, Evgeny Fyodorov, who worked on the first Soviet manned drifting ice station, North Pole-1. The ship is owned by the Arctic and Antarctic Research Institute, St. Petersburg.

The expedition was the biggest in Russia in 2008 within the framework of the International Polar Year 2007/2008. It studied the changes in the Arctic climate system and the environment. Extensive studies included a series of experiments and research into the processes in the ocean, sea ice and atmosphere. The expedition also established a new drifting research station called North Pole-36.

Vaisala's automatic weather station contributed to a Russian research expedition, which studied the changes in the Arctic climate system and the environment.

Over 60 scientists worked on board the Akademik Fedorov, which can accommodate up to 172 passengers. The on-board science equipment included a Vaisala HydroMet™ System MAWS110 automatic weather station, and radiosounding equipment for environmental observations.

