



## **RADARSAT-2 Discussed at the Baltic Sea Ice Meeting**

Quiz: What do SAR images have in common with wine?

"SAR images for ice applications are like a bottle of wine - best shortly after opening, don't use after a couple of days" (Ulf Gullne, Swedish Maritime Administration).

The 22<sup>nd</sup> Baltic Sea Ice Meeting, hosted by the Estonian Meteorological and Hydrological Institute, took place in Tallinn from October 3 - 7, 2005. The meeting was attended by members of the ice services community from Finland, the Netherlands, Norway, Sweden, Denmark, Estonia, Lithuania, Germany, Latvia, as well as the World Meteorological Organization.

National ice services, such as the Finnish and Swedish Ice Services, use RADARSAT-1 images to produce ice charts and ice information products, as well as to help in optimising icebreaker assistance schedules. In some cases, RADARSAT-1 images are delivered directly in near-real time to the crew onboard the icebreakers.

Highlights of the conference include a visit to Estonia's icebreaker "Tarmo" located in Tallinn Harbour and an opportunity to see the steam icebreaker "Suur Tõl," that was built in 1914 and currently housed in the Estonia Maritime Museum.

MDA's Geospatial Services was invited to participate in the scientific session of the conference and gave presentations on radar principles and a review of the features and benefits of RADARSAT-2 with a focus on ice applications. It is expected that the multi-polarization capabilities of RADARSAT-2 will benefit the ice services community by helping to resolve ambiguities currently found with single-polarization data such as location of ice edge, ice concentration and ice type.



Participants of the 22nd Baltic Ice Meeting in Tallinn.