

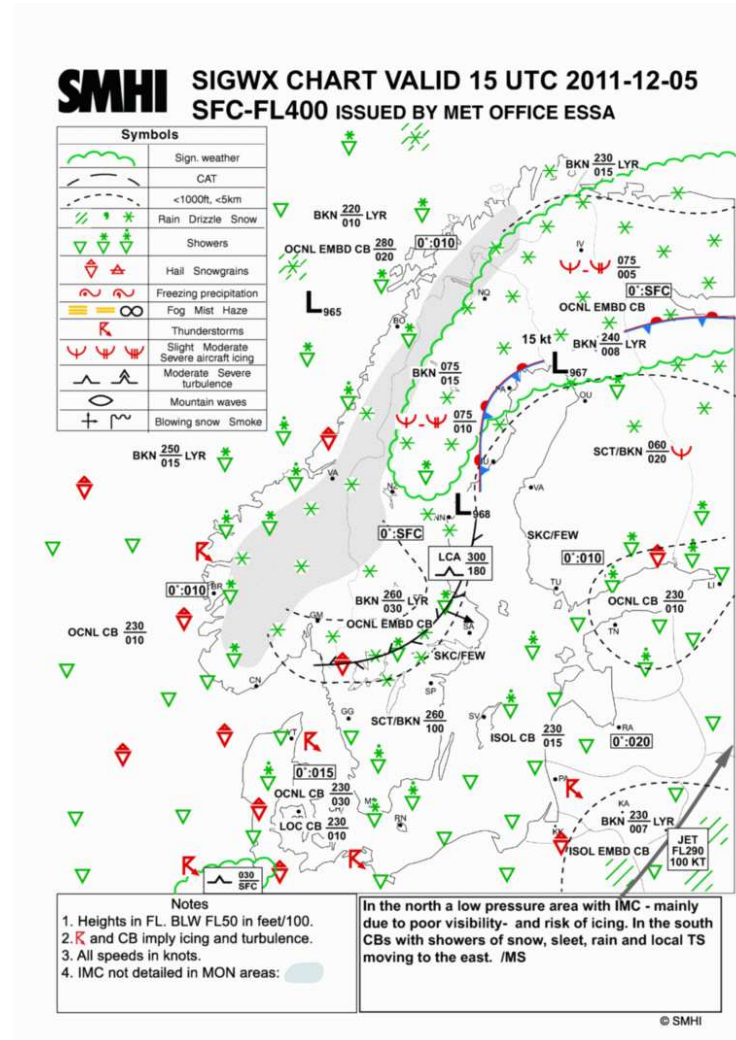
SMHI

BALTRAD support to aviation

Per Holmberg

Examples of what we are working with

- Significant weather charts
- Low level forecast
- Forecast for airports (taf)
- Consulting



What is important for us

- Good tool to locate precipitation and know where it is, compared to geographical points
- Short period of time until the radar data can be shown
- Reducing false weather echoes
- Time resolution, which is important to be able to see development of showers
- Resolution of the echoes
- Easy tool to work with

Benefits with Baltrad compared with our other system

- Much easier to locate precipitation, which is a great support to guide pilots
- Bigger chance to see developments of heavy showers and thunder in time (since you get the data faster)
- The zoom tool is very good and easy to use
- The search tool is also great, which also is a good support for us

Development

- Extrapolate function
- Include lightning
- Development of how you change between the radar pictures, not just by clicking forward or backwards
- Distinguish between different types of precipitation