FOURTH ICE ANALYSTS WORKSHOP - HELSINKI, FINLAND, 9 TO 13 JUNE 2014

**Antarctic Ice Analysts Workshop**

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| Time | **Thursday 12 June** | **Friday 13 June** |
| 8.30 | 4.1 Logistics and arrangements for Antarctic IAW (VS)4.1.1 Goals& case studies to be run & material to be used4.1.2 Adoption of agenda | 4.4 Extend sea ice GMDSS components for the SO METAREAs4.4.1 Presentation on Arctic METAREAS experience and status |
| 9.00 | 4.2 Briefs on Antarctic sea ice conditions, CR | 4.4.2 Review regulations for preparation and information exchange for ice in GMDSS bulletins for the Southern Ocean (high seas and coastal waters) “ |
| 9.30 | **Case study 1: Develop standard operating practice to jointly produce Antarctic ice analysis and agree on specifications for collaborative product** | **Case study 2: Produce ice edge for a GMDSS SafetyNET bulletin and document methods to disseminate information** |
|  | 4.3.1 Logistics: 4.3.1 Form 3 break-out groups (leads: AARI, NIC, NIS)4.3.2 Exchange material and GIS projects (imagery, ArcGIS & QGIS) | 4.4.1 Logistics: 4.4.1 Form 2 break-out groups (leads: AARI, NIC, NIS)4.4.2 Exchange material and GIS projects (imagery, ArcGIS & QGIS) |
| 10.00 | 4.3.2 Antarctic summer (Weddell and Amundsen Seas) analysis by 3 groups (CS 1.1) | 4.4.3 Produce ice edge (manual, semi-automatically, automatically) as text SafetyNET and shp-file, post results on a ftp-server (CS 2) |
| 12.00 | Lunch Break |
| 13.00 | 4.3.3 Antarctic autumn (Ross Sea) analysis by 3 groups (CS 1.2) | 4.4.4 Plenary presentation of results and comparison |
| 15.00 | 4.3.4 Plenary presentation of results by 3 groups | 4.4.5 Plenary summary on specifications |
| 15.30 | 4.3.5 Plenary discussion on specifications for collaborative product and operating practice | 4.5 Antarctic workshop recommendations and actions for JCOMM and IICWG |
| 16.00 | 4.3.6 Summary, further steps and recommendations for item 4.3 | 5, 6 Summary discussion on IAW-4 recommendations, actions and proceedings |
| 16.30 | End of day | 7 IAW-4 closure |

Case study 1.1 & 1.2:

Group 1 (ArcGIS 10.2): Vladimir Bessonov, Jessica Tavernier, Natalia Fedorenko, Håvard Larsen, Tuomas Niskanen, Jan Tegtmeier, Keiji Hamada (7)

Group 2 (ArgGIS 10.x): Chris Redinger, Oleg Folomeev, Penelope Wagner, Marika Marnela, Stephanie Tremblay-Therrien, Shengli Wu (6)

Group 3 (QGIS): Nick Hughes, Vasily Smolyanitsky, Jan Lieser, Martin Nissen, Bärbel Weidi (5)

Case study 2:

Group 1 (ArcGIS 10.2): Natalia Fedorenko, Vladimir Bessonov, Chris Redinger, Jan Tegtmeier, Bärbel Weidi , Martin Nissen, Keiji Hamada (7)

Group 2 (QGIS): Nick Hughes, Jan Lieser, Jessica Tavernier, Penelope Wagner, Marika Marnela (5)