**2014-02-06**

**Working toward shared responsibility for analyzing Antarctic sea ice**

1. What is our main goal? (AARI: VS -> PS)
   1. Weekly analyses produced by AARI and NIC, with each doing one every other week?
   2. What will NIS’s role be?
2. What products do we produce now (AARI: PS)
   1. Frequency
      1. We produce weekly SOD and concentration charts
      2. AARI produces charts on 1st and 15th
      3. NIS produces weekly analyses from Oct-Apr
   2. Concentration
      1. What levels of concentration are used as standard? Is fast ice separated?
   3. Stage of development
      1. What level of detail is used? Which ice types?
      2. Old ice, (8\*,9\*,7\*) is probably the key feature to track.
3. Common coastline / land mask (AARI: VB -> PS)
   1. We probably need to use a common land mask so that data and analyses files can be easily shared.
   2. Our land mask shapefile is old and needs to be updated. Do you have a more recent one?
   3. If not, who will be responsible for developing a new land mask shapfile? Do we use one of our older, current ones in the meantime?
   4. Due to the ever flowing glaciers, the coastline is continually changing. Should we establish frequency and tasking of when the coastline will be re-done?
4. What imagery do we use currently (AARI: PS || VB -> PS)
   1. Percentage of work done with specific images….
      1. For example you may use active microwave for small areas, and the rest is low resolution scatterometer.
      2. MODIS is great for the summer, but what about the darkness of winter?
   2. Do we all have access to the same imagery?
   3. If not, is there imagery that we can share?
   4. One goal may be to get our respective agencies to save money on imagery by collaborating and lowering the frequency of image purchases.
   5. New satellites coming online soon will make analyses better and easier in the future.
5. What GIS platform are we all using? (AARI: PS || VB -> PS)
   1. Are they easily compatible?
   2. If not, can backend processing make our analyses the same format?
   3. Are datafiles interchangeable and easily added? For example, using AARI’s analysis from last week would make a good starting point for NIC to analyze the ice this week. Thus, it would be helpful to just add the shapefile.
6. What will the final product look like? (AARI: VS && OF && VB -> PS)
   1. Logos
   2. What do we want to show
   3. What color scheme?
   4. What data files/formats do we want to make available?