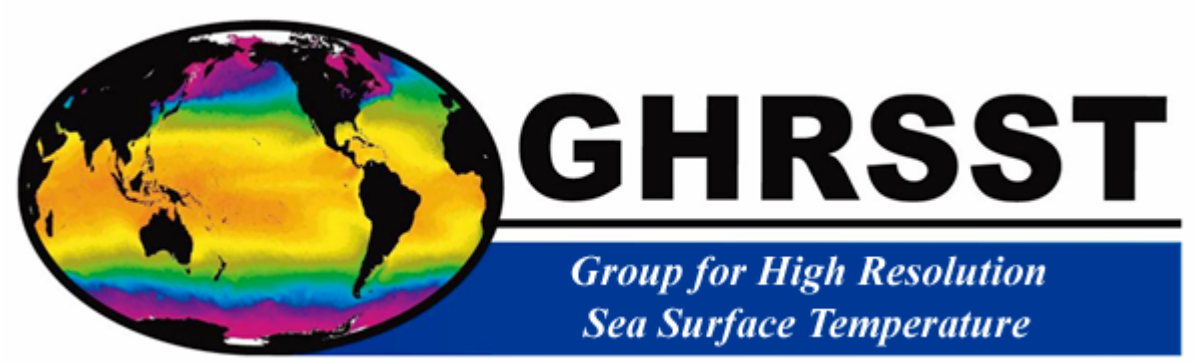

Reanalysis Technical Advisory Group (RAN-TAG) Breakout Session at the 12th GHRSST Science Team Meeting Overview and Agenda

30 June 2011, 16:30-18:30
Prestonfield Room
Edinburgh, Scotland
Audio and Internet Teleconferening Available (to be confirmed)

Prepared By:
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Chair, GHRSST Reanalysis Technical Advisory Group
Technical Director, NOAA National Oceanographic Data Center
31 May 2011

1 Reanalysis Breakout Sessions Goals and Actions

The GHRSST Reanalysis Technical Advisory Group (RAN-TAG) is holding a breakout session on Thursday, 30 June 2011, as part of the 12th meeting of the GHRSST Science Team. This year, the breakout session will focus on three goals, each with a corresponding deliverable. All interested parties are welcome to attend!

Goal 1: Collect updates on SST reanalysis/reprocessing activities from around the world.
To achieve this goal, I am requesting a one-slide summary (see below for details) from everyone in advance of the meeting regarding their reanalysis-related projects and activities. We won't spend time presenting all of them. Instead, they will be compiled into a "booklet" (in the form of a PowerPoint presentation) representing a status summary of the current state of global efforts. This booklet will be the deliverable for this goal. During the breakout, we will provide an overview of the current status, compare it to last year's list of priority actions to give us a sense for the progress being made, and perhaps ask for some more detailed explanations. We've done this update in previous years and the resulting booklet has proven very useful.

Goal 2: Definition of an SST Essential Climate Variable *Data Processing Framework*
The GHRSST RAN-TAG has coordinated and/or provided key input to several important achievements related to the SST Essential Climate Variable (ECV) over the last several years, including the establishment of the 3-dimensional "product framework" (June 2009, GHRSST X, Santa Rosa, CA USA), creation of the GHRSST/GCOS Intercomparison Facility at the LTSRF (http://ghrsst.nodc.noaa.gov) annual identification of individual datasets in need of reprocessing into GHRSST format, and the 2011 updates to the GCOS requirements for the SST ECV. Other groups, notably the ESA Climate Change Initiative (CCI) and the NOAA Climate Data Record Program (CDRP) have set requirements and documented metrics for assessing the maturity and utility of specific data sets as climate data record. This goal will focus on defining and describing a comprehensive SST ECV Data Processing Framework (DPF) that includes all of these concepts and others in a clear framework for data providers who wish their datasets to be considered and evaluated as SST ECVs. This DPF would include such basics as provision of the data in GHRSST GDS2 format to the GDAC/LTSRF data management system and clearly documented code, but also perhaps other items like inclusion in an intercomparison facility and assessment against a community-established set of metrics. To support this goal, everyone is asked to provide thoughts in advance of the meeting on what elements should be considered in such an ECV DPF. See the section below on ACTIONS FOR ATTENDEES AND OTHER INTERESTED PARTIES for more information on how to provide input prior to the meeting.

Goal 3: Identify priority efforts for the coming year(s).
Based on your individual efforts this year, what do you think should be priority actions for the whole group for the coming year? We'll share these, and discuss them in light of the updates and discussions at the meeting. The deliverable for this goal will be "The GHRSST Reanalysis Priority List of Actions". Importantly, I'd like this process of reviewing/discussing what we've learned in the last year to bring to light possibly hidden or forgotten issues. To support this goal, everyone with an interest is asked to submit critical focus areas for a set of internationally coordinated reanalysis efforts (see below for details).

ACTIONS FOR ATTENDEES AND OTHER INTERESTED PARTIES:
To support these goals within a two-hour breakout session, everyone with an interest is asked to complete the simple three-slide template, one slide for each goal, and submit it to Kenneth.Casey@noaa.gov and Tess.Brandon@noaa.gov by Thursday, 16 June 2011. The template can be found at http://ghrsst.nodc.noaa.gov/documents.html.

2 Working Agenda for RAN-TAG Breakout Session:

The Reanalysis Breakout session will move quickly through the three goals stated above, with most time spent on Goal 2. However, we will re-allocate time to the other goals to the extent possible. Please email Kenneth.Casey@noaa.gov if you have recommended changes to the following working agenda.

Speaker	Title	Time
Kenneth S. Casey	Introductory Remarks	16:30 - 16:45
Kenneth S. Casey	Global Reanalysis: Current Status Summary (Goal 1)	16:45-17:00
Tess Brandon	Defining the SST ECV Data Processing Framework (Goal 2)	17:00-18:00
Nick Rayner	GHRSST Reanalysis Priority List of Actions (Goal 3)	18:00-18:15
Kenneth S. Casey	Wrap-Up and Way Forward	18:15-18:30

Table 1: Agenda for the GHRSST Reanalysis Breakout Session at the 12th GHRSST Science Team Meeting.

3 Audio and Internet Teleconferencing Information

Audio:
If you can not attend the meeting in person, you may call in to the meeting using the toll-free number: +1-888-452-2047. You will be prompted for a passcode. Use 8324347, followed by the # sign. For some international callers, the toll-free number may not work. In that event, try the toll number: +1-517-477-9337, and use the same passcode.

WebEx Internet Conferencing:
You also have the option of following along on the internet, where you will be able to see the computer screen being used in the breakout session room, provided the internet is available.

WebEx Info: (Meeting number is 741636509 and passcode is TECHDIR)

1. Join the meeting by clicking on: http://www.mymeetings.com/nc/join.php?sigKey=mymeetings&i=741636509&p=TECHDIR&t=c
2. Enter the required fields.
3. Indicate that you have read the Privacy Policy.
4. Click on Proceed.

Current RAN-TAG Membership

For your reference, the current membership (as of 01 July 2010) of the RAN-TAG is provided below. Remember, however, EVERYONE is welcome to participate in the breakout session and all RAN-TAG activities.

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