

Reprocessing Issues

This is a summary of the discussion of the reprocessing issues at the 2/7/2001 PIPS meeting.

First reprocessing goals and timeline:

- The first reprocessing is scheduled to start on 6/1/01. At that time, MODAPS is expected to be processing data from 5/15/01 and GDAAC is expected to be processing data from 5/30/01. Both GDAAC and MODAPS will also start reprocessing data from 11/1/00 using the latest version of PGE's.
- By 11/15/01, one year worth of data (11/1/00-10/31/01) would have been processed in a consistent way where quality data will be distributed to the users and will serve as a basis for algorithm improvement at the SCFs.
- All available products will be included and are expected to be included in the reprocessing to the extent of processing resources availability.
- The goal of completing one year's worth of data by 11/15/01 takes precedence over the inclusion of all products. If resources do not allow all products to be included in the reprocessing, some products will be withdrawn from the reprocessing plan starting with those in the "beta" status. The decision as to which product to withdraw and when to withdraw products will be made at the PIPS meetings.

PGE changes

- No science changes or improvements will be applied to the PGE's during the reprocessing period (6/1/01 – 11/15/01). Scientists will make sure to have their latest version of the code in the production system before 6/1. Level 1B code is the exception; the latest code needs to be in the production system by 4/1/01 to give the Oceans team a chance to update their look-up tables if needed.
- It is also recognized that if problems are discovered during reprocessing, the PI has the option to either withdraw his product from reprocessing or modify the code. These options will be discussed at the PIPS meeting where the final decision will be made and where the scope of a PGE change is defined (whether to apply to processing forward, reprocessing or both).

Data collection version

- A new data collection (version 003) will be created for the "consistent" year data set. Both current (production starting 6/1) and reprocessed data products will be included in the new collection.
- The DAACs and the disciplines will post on their web pages a description of the product version so that an external user is aware of its significance. The EDG allows the user to select data from multiple data collection, so users can see both the original and reprocessed data (for a limited period: 6 months).