

UNAVCO WInSAR Archive
Status Update
November 29, 2006

General WInSAR information:

- New Members: Univ. of Kansas, Univ. of Arkansas, Univ. of Calif., Santa Barbara.
- Current number of Member Institutions: 36.
- There is a total of ~\$100K available for scene purchase:
 - \$50K from NASA funds (from SCEC).
 - \$50K from the USGS.
- There will be a Members meeting and election at AGU. Revised election material is being sent to member representatives.

Transfer of WInSAR to UNAVCO:

- UNAVCO Data Archive staff worked with CalTech and Stanford through several cycles to transfer copies of the WInSAR mysql database files and verify consistency.
- CalTech's ERS ingestion software was ported to UNAVCO. This task was performed by Stark Consulting.
- The WInSAR node software was updated locally at UNAVCO to incorporate new functionality and to refer to the local database.

Ingestion of new ERS scenes since transfer to UNAVCO:

- Files on 215 CDs/DVDs were transferred to the WInSAR RAID in preparation for ingestion.
- 695 ERS1 and ERS2 scenes were ingested.
 - 219 of these turned out to be "updates", i.e., the scenes had already been archived by WInSAR.
 - 476 new scenes were archived.
- No additional ERS media are waiting for ingestion.

Holdings summary:

- WInSAR has 4110 scenes.
- All CalTech, Stanford, and UCSD WInSAR data holdings are also available at the UNAVCO node.
- The UNAVCO node is the only node with a complete database that correctly shows all the holdings at UNAVCO and other nodes.

Orders and requests:

- The last Caltech WInSAR order was placed in November, 2005. This order consisted of 457 ERS scenes. All but 21 of these scenes were among those ingested by UNAVCO in October, 2006. Fourteen of the missing 21 are not available or have poor quality. UNAVCO has contacted ESA to re-order the remaining seven scenes.
- There are 425 ERS scenes listed in the WInSAR database as ordered that have not been received. The request dates for these are earlier than August 2005. UNAVCO has contacted ESA to place a new order for these scenes.

- There are 334 new ERS scene requests (since Nov, 2005). This order has been transmitted to ESA.
- To summarize, all new ERS scene requests and all ERS scenes previously ordered but not received have now been ordered from ESA.

UNAVCO WInSAR node:

- <http://winsar.unavco.org> is available for WInSAR scene search and download.
- The recently ingested ERS scenes are currently cataloged and available only at UNAVCO.
- New orders should be placed through the UNAVCO node. This assures that UNAVCO has all orders in UNAVCO's local WInSAR database.
- The UNAVCO node has been updated to include the most recent procedure for adding new users and new Institutional Members.
- **NOTE:** The UNAVCO node is the only node that currently shows all available holdings; therefore, data search and access should be made through the UNAVCO node. New data requests should be made through the UNAVCO node because requests made through other nodes will not update the UNAVCO local database. New user requests should also be made through the UNAVCO node.

Next steps:

- Port Stanford's Envisat ingestion software to UNAVCO.
- Ingest any waiting Envisat datafiles.
- Document, diagnose, and correct a reported cataloging issue.
- Fix the problem with display of thumbnail SAR images (where available) on the UNAVCO website search results.
- Feedback needed: UNAVCO has put significant effort into getting the UNAVCO node up-to-date and working. It will take significant additional effort to bring other nodes to the same state and keep them updated. UNAVCO would like feedback from the membership as to whether this additional effort is worthwhile.