



UPCOMING CHANGES IN IONOGRAM ANALYSIS AND DATA REPORTS: Review

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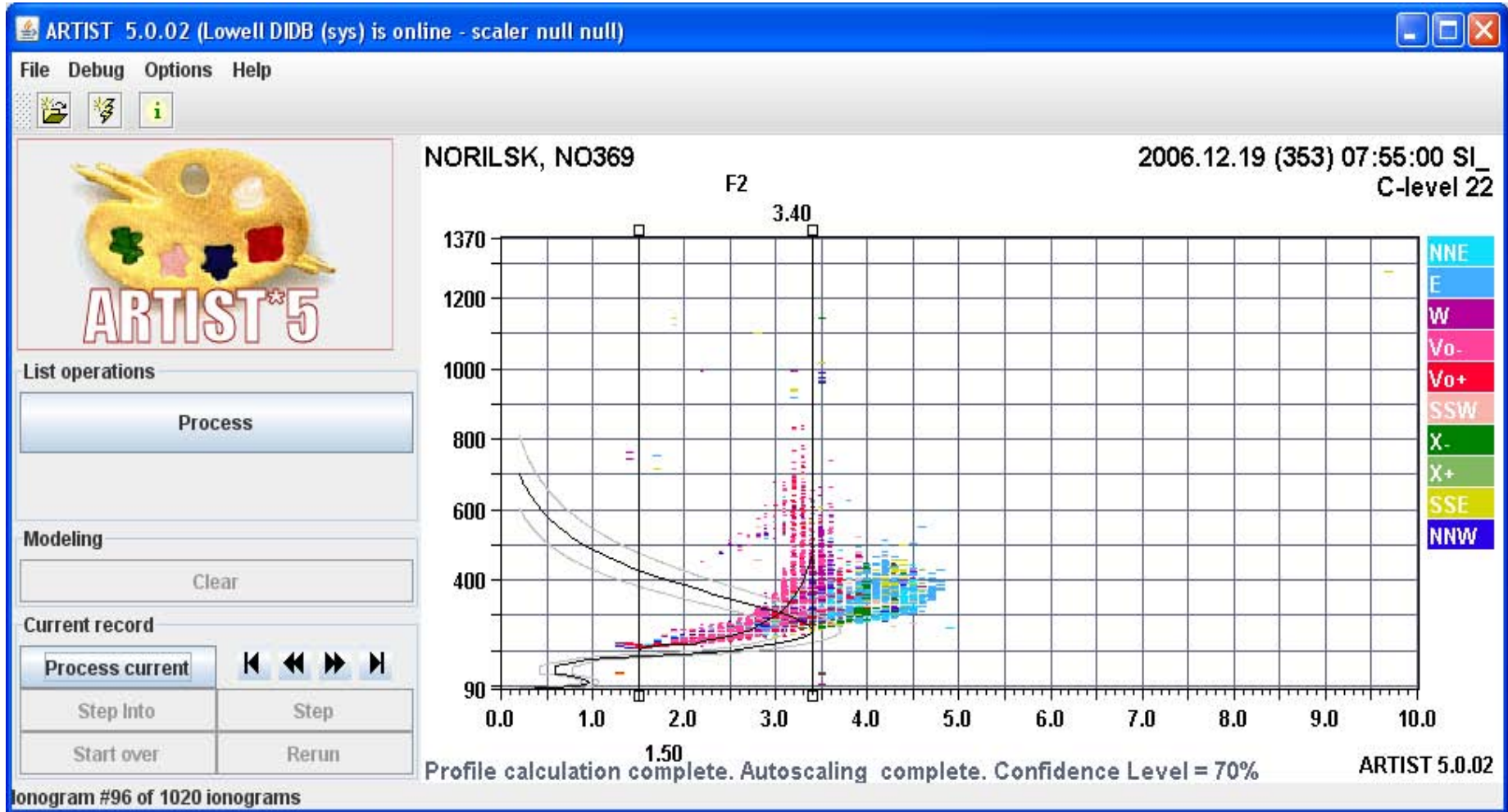
XI INTERNATIONAL DIGISONDE FORUM
30 APRIL TO 3 MAY 2007

Upcoming Changes

- ARTIST 5.0.2 completes its development phase, goes operational
- Upgrading digisondes to ARTIST 5 will commence in May 2007
- Reprocessing of DIDBase-stored ionograms by ARTIST 5 will commence in May 2007



ARTIST 5



Upcoming Changes (2)

- SAO.XML 5 format completes its development and testing phase
 - Supported by ARTIST 5 and SAO Explorer
 - SAO 4 to SAO.XML 5 converter software tool available
- Upgrading digisondes and DIDBase to SAO.XML 5 will commence in May 2007



Upcoming Changes (3)

- Ongoing studies of manual-vs-autoscaled statistics to characterize uncertainty of ARTIST 4.5 and ARTIST 5 processing
- Station UDD files will store station-specific uncertainty data for ARTIST 5 to report in SAOXML 5 format
 - Ongoing discussions with the GAIM community to agree on the interface details

Uncertainty Bounds on Ne(h) profile

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