

Work Package J

GENSO Workshop III

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From Description:

Work package J consists of reviewing and evaluating the design documentation and subsequent software implementation of the other GENSO work packages, in close conjunction with the GENSO System Engineering team and ESA experts identified by Project Management. Extensive utilisation of local ground station hardware and locally affiliated operational orbital spacecraft should form an integral part of this verification process.

Work Package J



What we think:

System Testing

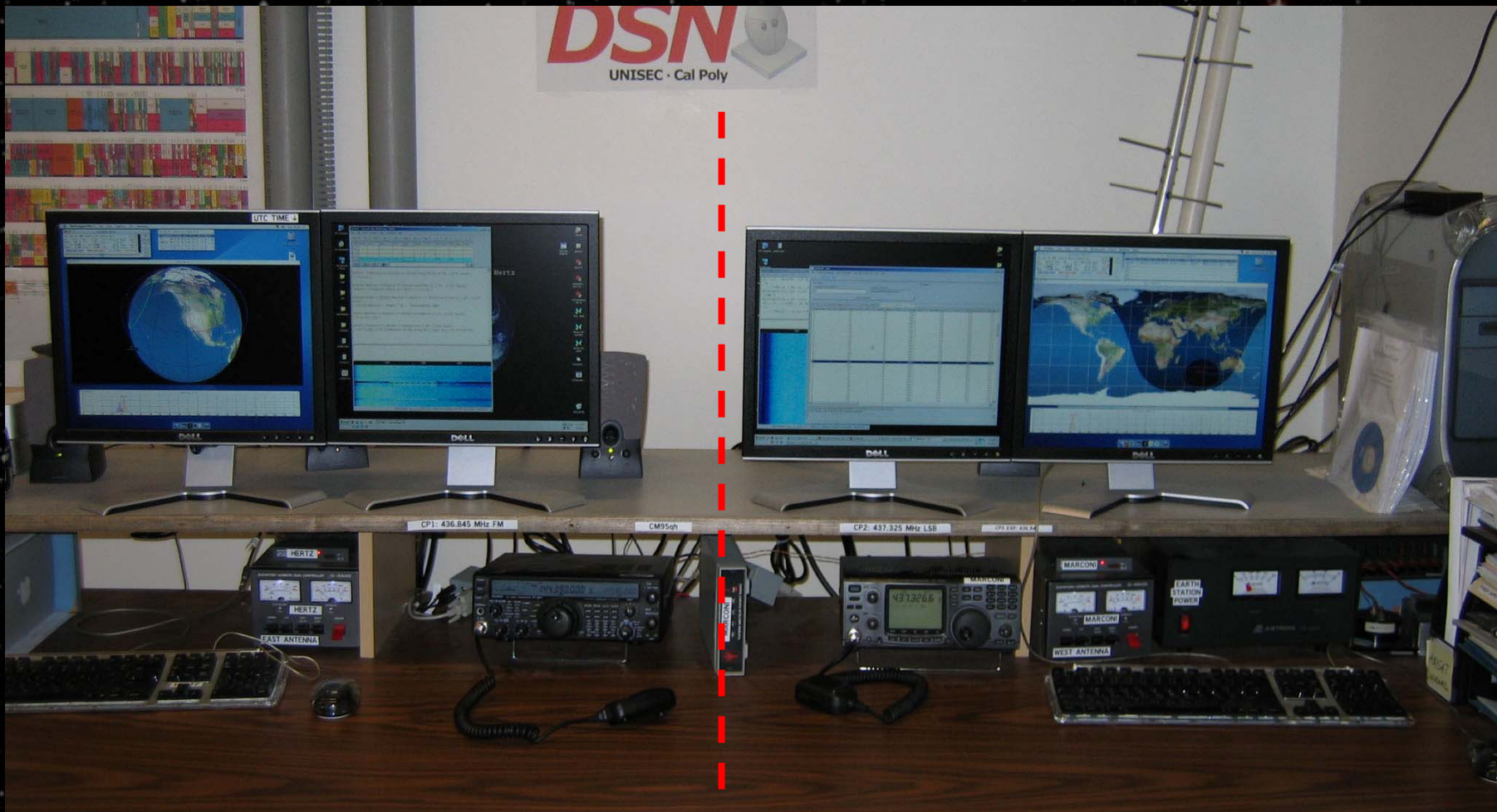
New station installation review

Alpha and Beta Testing – both sides

Review of Documentation

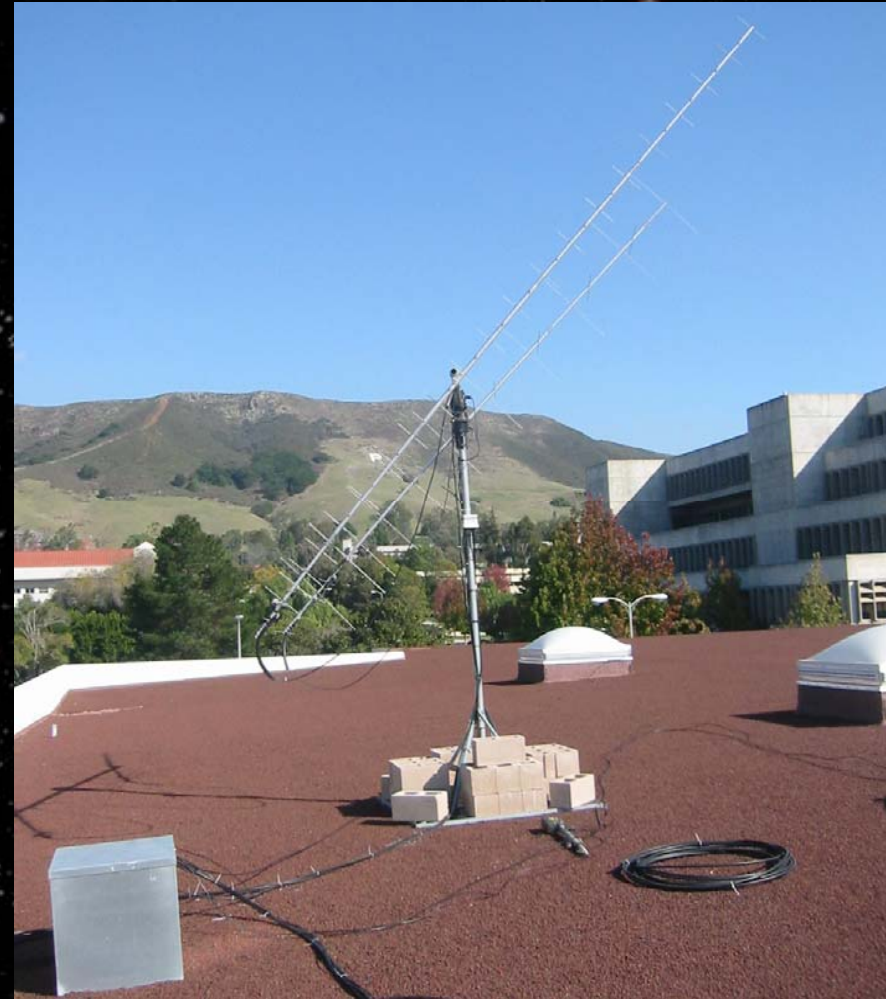
Construction of “Satellite Simulator” ?

N6CP Earth Station



- Yaesu FT-847 and Icom IC-910
- Yaesu G-5500
- MixW Software TNC
- Mac Doppler Pro

Antennas



- 145 and 437MHz yagis
- No 2.4 GHz equipment yet...

Next Dnepr Launch (maybe March?)

- CP2.1/CP4
- We regularly talk with XI-IV
 - Downloaded pictures:
 - <http://polysat.calpoly.edu/EarthNetwork.php>



SRI Involvement



- Located across the street from Stanford University
- Not for profit research company
- UHF/VHF station dedicated to GENSO activities
 - Hand-off experiments with Cal Poly stations
- Explore / Research ways to integrate “Large Dishes”
 - 15m dish
 - 47.5m dish (probably not)
 - Other ground stations located around the world
 - Non interfering basis only
- Possibly host an AS server
 - (Final GENSO deployment)



Thanks



Questions?

<http://polysat.calpoly.edu/earthstation/>

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