

INPE's experience with the GEONETCast Americas System: Current Uses and Future Plans

Diego Souza, INPE – National Institute for Space Research, Brazil

With INPE's readiness to make an annual financial contribution to increase the bandwidth of the GEONETCast Americas (GNC-A) broadcast by 1Mb, NOAA has invited INPE to become a Full Partner in the management of the GNC-A effort. Becoming a Full Partner means that INPE, together with NOAA, will have a number of responsibilities as well as administrative privileges in connection to the GNC-A system, maintaining a financial contribution and participating directly in the management of the GNC-A system, bandwidth, support and coordination.

This presentation will show INPE's experience with the GNC-A system, including our portable and fixed stations details, our product generation, organization and documentation efforts, our capacity building and training activities using the broadcasted data, our interaction with the society using GNC-A stations and the International Charter 'Space and Major Disasters' usage. As future plans, it will be presented the installation of new receiving stations, the internal usage of broadcasted products from other providers and the broadcast of CBERS (China-Brazil Earth-Resources Satellite) products.