

# Dome C radars status report

## What is ready

- Most of the mechanical elements are at D'Umont d'Urville since the end of 2006.
- 2 Basboxes ready.
- 34 transmitters tested and ready to be shipped.
- Material for phasing matrices: 80% in house.

## What needs to be done

- Buy baluns and receiver cards.
- Buy outstanding material for 2 phasing matrices.
- Mount phasing matrices.
- Buy PC's and load software.
- Test the two electronic systems as a whole.
- Decide final working schedule.

## **Dome C radars status report (2)**

**Right from the beginning we estimated that the installation of two full radars during a single campaign would be difficult to achieve.**

**The most reasonable thing to do is to aim at installing one full radar in the campaign 2008-2009 and to start the installation of the second radar. The second radar would be completed in 2009-2010.**

**For the 2008-2009 campaign, IFSI is ready to supply 2 people for the first campaign; LPCE would supply 2 people; Dome C would supply 2 extra people.**

**The number of people necessary to complete the installation in 2009-2010 has to be determined on the basis of what is achieved in 2008-2009.**

## **Dome C radars status report (3)**

**IFSI and LPCE have agreed in principle that, after the installation of the Dome C radars is finished, IFSI will be responsible for running and maintaining the radars.**

**P.N.R.A. on the Italian side and IPEV on the French side are ready to support the installation of the radars following the scheme which has just been sketched.**

**However, the installation is in danger, because P.N.R.A. does not have the money, at the moment, to participate to 2008-2009 campaign.**

**In this respect, a decision is expected from the Italian government in the next days**