



Venice workshop, May 26 - 27, 2005 - Washington D.C. workshop, October 11 - 12, 2005

Telespazio debriefing

Moon Base Conference
Venice Workshop

Contents

- **Telespazio is interested in:**
 - **Flight Dynamics (jointly with INAF), Flight Operations; TT&C;**
 - **Remote Monitoring of moon base life support system;**
 - **Tele-control and Tele-operations for moon based instruments & telescopes (starting with Alaska/Antarctica)**
- **Telespazio would like to develop the previous items as (European) main partner of NASA.**

Results

- **Credible position based on a consolidated experience in ground (manned) support to several (contingency) missions.**
- **Readdy and the other US people consider this position a good starting point.**

Round table outputs

- **ESA (Dordain)** is waiting for the first European nation starting a moon base program.
- **NASA (Readdy)** confirms that Moon base is the priority for the Agency.
- **Dionisi** confirms the interest of Italian Government in the initiative and the specific support of Mr. Castellaneta, next Italian ambassador in USA.

Saturday debriefing

(Joint Organizational Committee, ad hoc enlarged to the Discussants)

- Preparation of a joint document to summarize Venice Workshop results to be presented to proper institutional counterparts.
- Set-up of Working Groups to deeper analyse the most critical aspects for a Moon Base implementation; the Working Groups will present in Washington, DC Workshop. They are:
 - Moon Base Utilization (including Energy production)
 - Space Transportation Systems
 - Human Factors
 - Technologies and Logistics
 - Legal Issues

Organization

- **One main theme: Moon Base; four to five concrete projects/potentials:**
 - **Moon Base Concepts and Demo Projects ("Alaska/Antarctica", Moon 2015)**
 - **Health and Productivity (Humans outside Earth and Automation)**
 - **Condominium of Observatories**
 - **Energy Chair Dr. Peter Glaser & Sen. Harrison Schmitt**
 - **Space Transportation**
- **Attendance: Congressmen, Diplomats, Agencies, Industries, Scientists, Governors (Virginia, California, Texas, ...),**

Goals

- **Join to a common vision.**
- **Define all the technical/industrial items needed for the definition of an agreement between USA – Italy.**
- **Sign the MoU preliminary to the official agreement.**
- **Get a special balance-sheet item in the national budget for 2006.**

Base statements

- **The Moon Base program is really the main goal of Griffin's NASA as consequence of a clear political issue of Bush administration as confirmed last week from Secretary of State Ms. Condoleezza Rice to Mr. Franco Mazzuca.**
- **There is a real possibility for Italy to achieve a prominent position in Europe.**
- **There is a real opportunity for Telespazio, as main partner of NASA, to hold a relevant position in the moon base program .**

Items

- **Participate directly to the working groups.**
- **Draw up a document for Mr. Readdy (NASA) in which we widen the contents of the Venice speech and state our candidacy in flight dynamics, operations and telescopes remote control.**
- **Co-ordinate our position inside Finmeccanica.**
- **WARNING: at the moment France is out and Germany is in.**