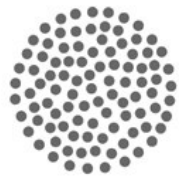


GISAR



Indra



Galileo Interfaces Implementation for Search and Rescue

6 FP – 2nd Call on Galileo: Call 2421

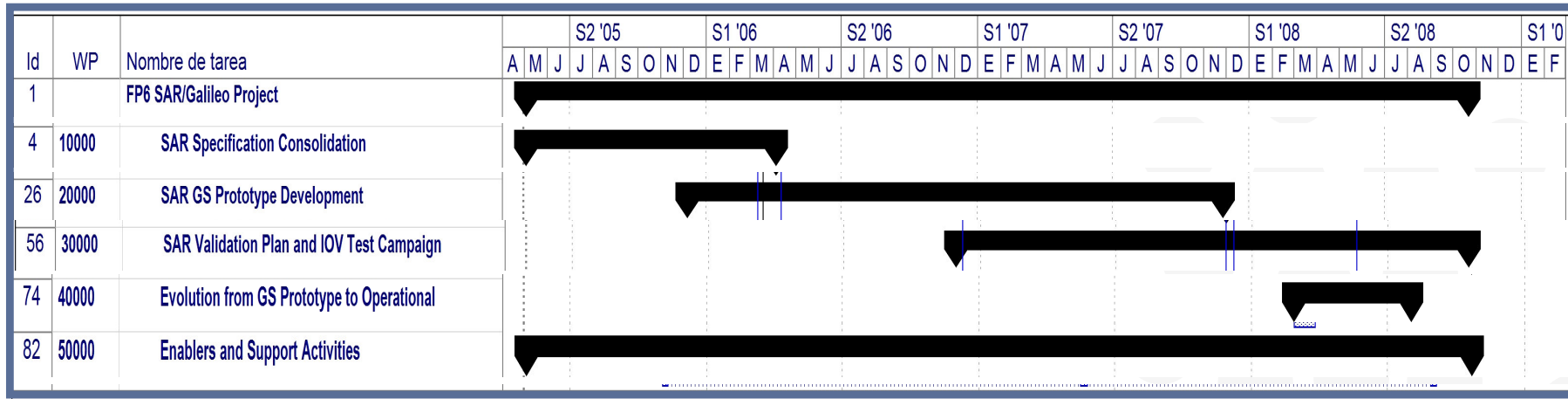
Galileo Services, Madrid
September 7th, 2005

- **Main goal: development of the SAR Ground Segment Prototype:**
 - **MEOLUT Prototype:** station in charge of receiving distress alerts, recovering the beacon message and locating the person in distress
 - **RLSP Prototype:** station in charge of managing Return Link Messages (transmitted via Galileo to the person in distress)
- **Participation in the Galileo IOV Test Campaign:** verification of Forward and Return Link Service performances
- **Analysis of the required evolution from the Ground Segment Prototype to the Operational GS**
- **A high degree of coordination with Cospas-Sarsat and GalileoSat will need to be ensured**
- **Budget: 4,015 M€**

Final Consortium composition

- **INDRA**: Overall coordination and MEOLUT development
- **CNES**: Mission and IOV Verification activities, Cospas-Sarsat coordination and Enablers and Support activities
- **RMR**: Antenna and FE development + T/F Ref. Sub-system
- **AAS**: RLSP development and testing, data processing support
- **Thales**: Participation in Specification, SAR-SS tool development
- **CapGemini**: Participation in Satellite scheduler, External I/F, CSNE tool development
- **INTA** (Spanish C/S): Experiments with DASS, verification and operations contribution
- **EDISOFT, IGUASSU**: Test Software, SARSIM tool and SW development support
- **MARTEC**: New 406 beacon Prototype development

- **Project Duration: 3,5 years (end Oct. 2008)**
- **Main tasks GANTT chart shown below:**



■ **Points of Contact:**

- Indra Project Manager: Josep Antoni Perlas
- Indra Commercial Manager: Emilio José Viedma
- GJU Technical Officer: Luis Ruiz
- GJU Contract Officer: Niels van de Ven