

Companies & responsibilities in the SMART-1 industrial organisation



Prime Contractor Tasks

- Swedish Space Corporation
 - Project Management
 - System Engineering
 - Subsystem Management
 - Subsystem Development
 - ◆ Avionics & On Board Computer
 - ◆ Attitude Control
 - ◆ On-board application software
 - ◆ Spacecraft Simulator
 - ◆ Electrical Ground Support Equipment



SMART-1 Subcontractors

■ Sweden

- Saab Ericsson Space
 - ◆ EMC, Harness, Thermal Control S/S, Spacecraft AIT, Hydrazine & Thermal Control Remote Terminal Units, DC/DC converters
- Omnisys Instruments
 - ◆ Power Conditioning and Distribution Unit

■ Switzerland

- APCO Technologies SA
 - ◆ Spacecraft Structure & Mechanical Ground Support Equipment
- Contraves Space AG
 - ◆ EP Mechanism



SMART-1 Subcontractors cont.

- Belgium
 - Spacebel SA
 - ◆ OBSW Data Handling system
- The Netherlands
 - Dutch Space
 - ◆ Solar Array
- Spain
 - Astrium CRISA
 - ◆ Battery Management Electronics
- Austria
 - Austrian Aerospace
 - ◆ Multilayer Insulation (Thermal blankets) manufacturing



SMART-1 Equipment Suppliers

- Aerojet Corporation (Hydrazine system)
- Aerotech Telub (Antenna test, harness manufacturing)
- Alcatel Espacio (S-band transponder)
- BF Goodrich (Reaction Wheels)
- DowKey (RF switches)
- DTU (Star tracker and baffles)
- ETEL (EP Mechanism Electronics)
- Gore (RF harness)
- Saab Ericsson Space (S-band Low-gain and Medium-gain antennas)
- SAFT (Lithium battery cells)
- Systron Donner (Attitude Rate Sensors)
- Tekelec (Ultra-stable Oscillator)
- TNO -TPD (Sun sensors)

