## Cosmo main questions from and for WGs

- Orbital strategy (WGs Geophysic, risks, cartography,
- Is there a different phasing than the nominal one at 16 days (for calibration in the beginning of life)
- what will be the relative positioning of the satellites
- are they different missions or relative positioning planned
- what about tandem modes or other "close" modes (minimum distance?)
- what is the ground track specification or orbit tube
- Acquisition strategy (all WGs)
- when there is some spare room for programming, is there a civil "background mission" in a dedicated mode ?
- Pointing and positioning : (WGs Geophysic, cartography, ...)
- what are the main precision caracteristics (satellite / product) Specs/expected performances
- Are the satellites Yaw steered (Specs/expected variation on Az Doppler?)
- is there an help on line to chose interferometric pairs (orbit availability ? precisions/time of deliveries?)
- On board acquisition reactivity time constants (all WGs)
- between different modes
- between Right / Left acquisition
- between spotlight modes


## Cosmo main questions from and for WGs (2/5)

- Routine / Emergency programming (all WGs)
- civil users programming constraints
- Data availability (all WGs)
- when the first modes will be calibrated (nb of months after launch)
- which ones will be available first?
- Ordering (all WGs)
- How can we chose acquisition in the archive or program it ? Any software available, like ESA DESCW, Radarsat SwathPlanner?
- SCANSAR : (WGs Geophysic, risks)
- can the bursts be synchronised?
- Number of sub-swaths
- SPOT LIGHT : (all WGs)
- is the meter resolution available for each incidence angle or is it an average value (at which angle then) or a slant range value?
- Is it a metric SLC image or is there 1 m multi look product
- STRIPMAP/SPOTLIGHT (all wGs)
- how many different incidence angle are available ?


## Cosmo main questions from apd for WGs

- Polarimetry (all WGs)
- How does the ping-pong mode works ? What is emitted ? What is received? Is there a Phase coherence Channel ? Why 15 m resolution (and only 3 m in HIMAGE mode?) Number of looks ? Prf?
- Image Gain (all WGs)
- Is there a possibility to adapt image gain when programming? When processing ? Is there any AGC and BAQ compression scheme?
- Updated system documents for dual use purposes (all WGs) - any reference available? CEOS format description of data?
- What about Raw data synthesis ?
- Main image quality parameters (specs/expected)?
- Antenna Pattern and Prf for each dual mode
- chirp bandwidth, weighting in range and Az Spectra in dual products
- NESZ for the instrument and SLC dual products



