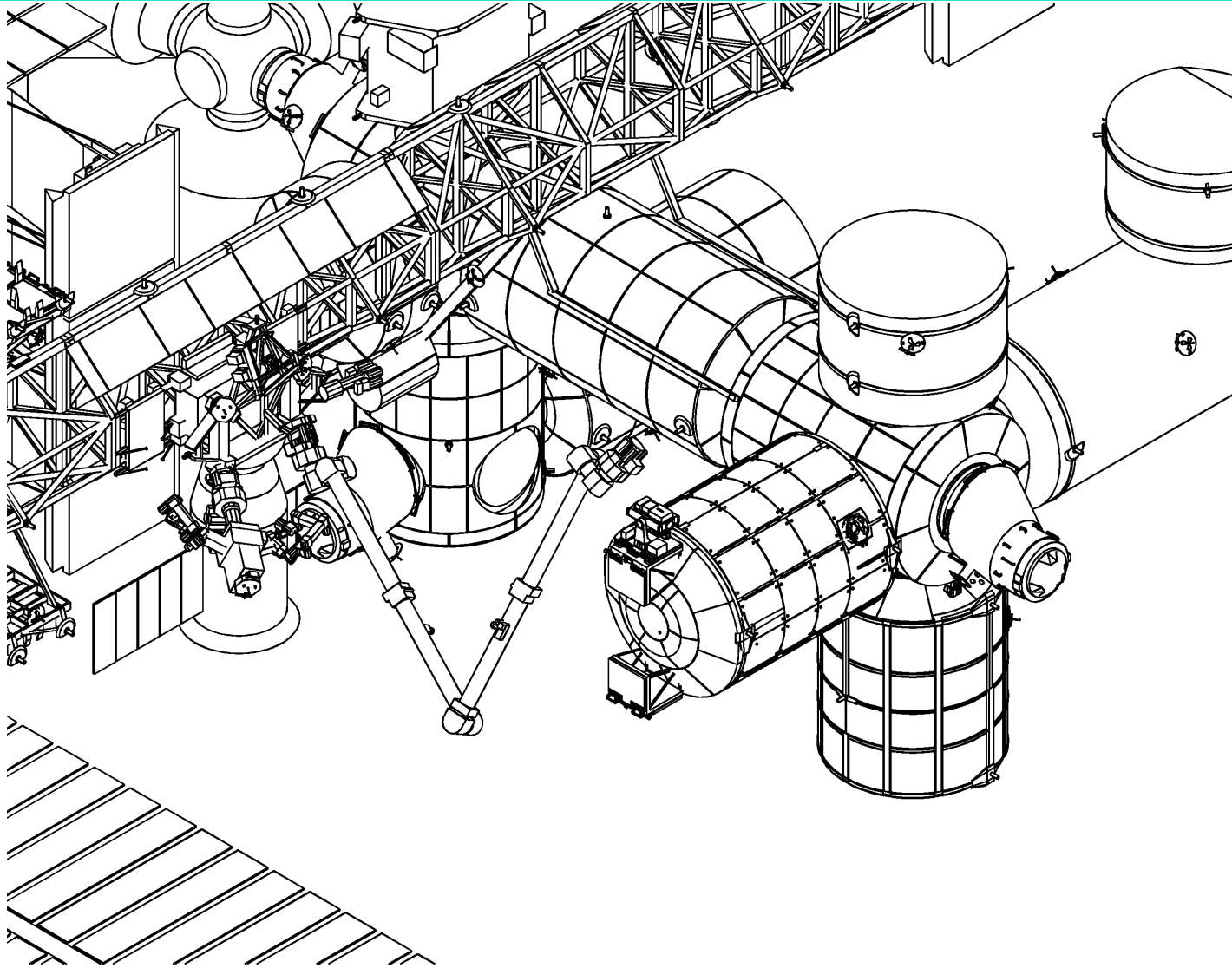
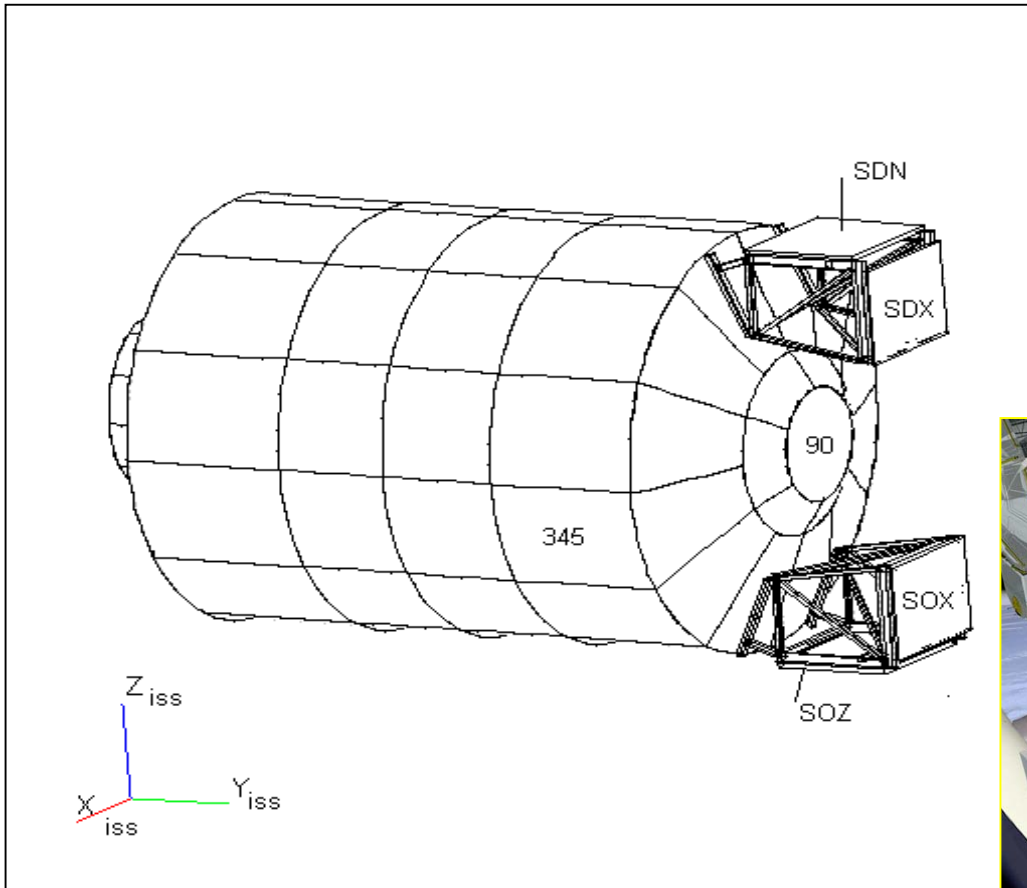


International Space Station: External Payload Facility



International Space Station: Columbus EPF

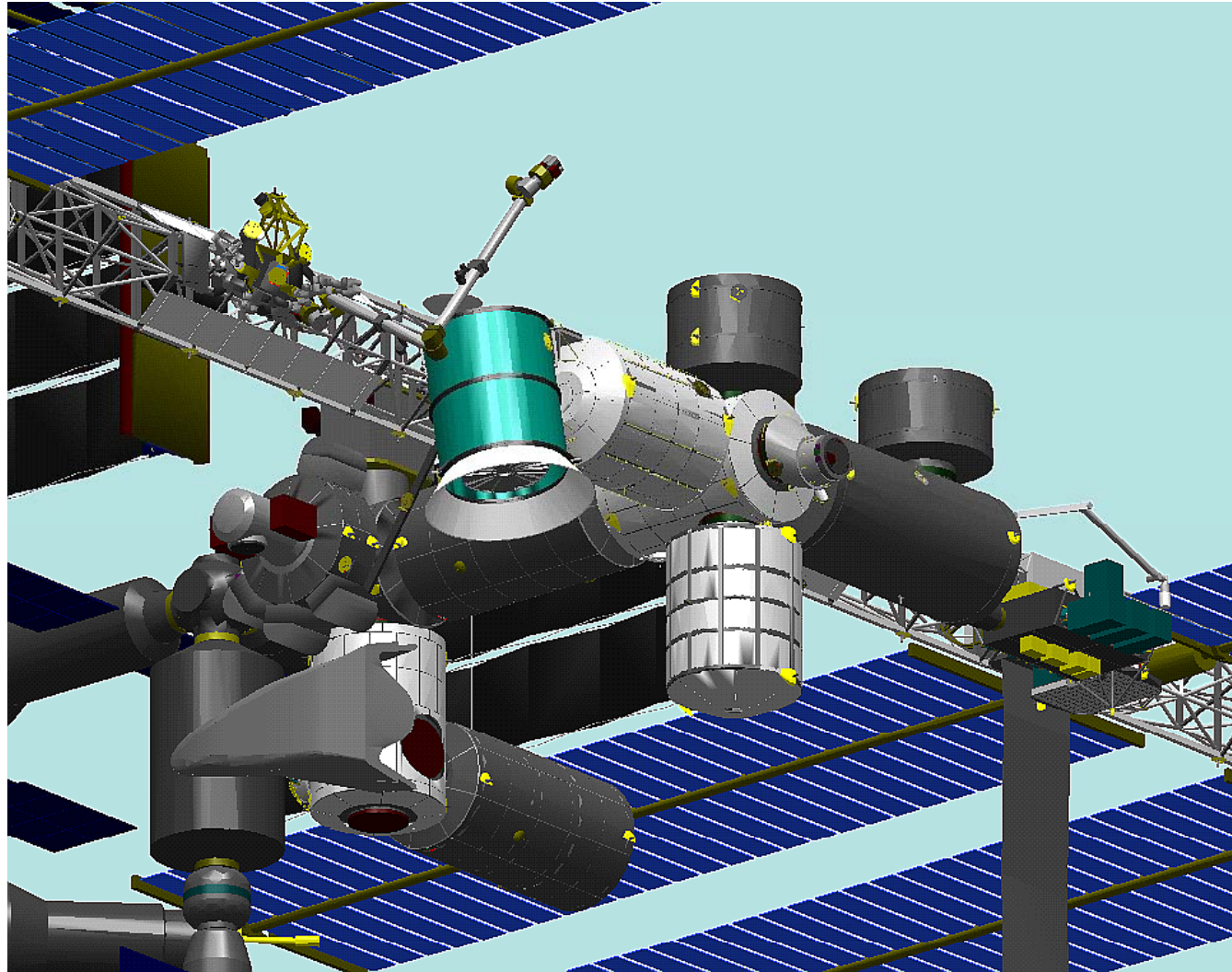


SPAZIO

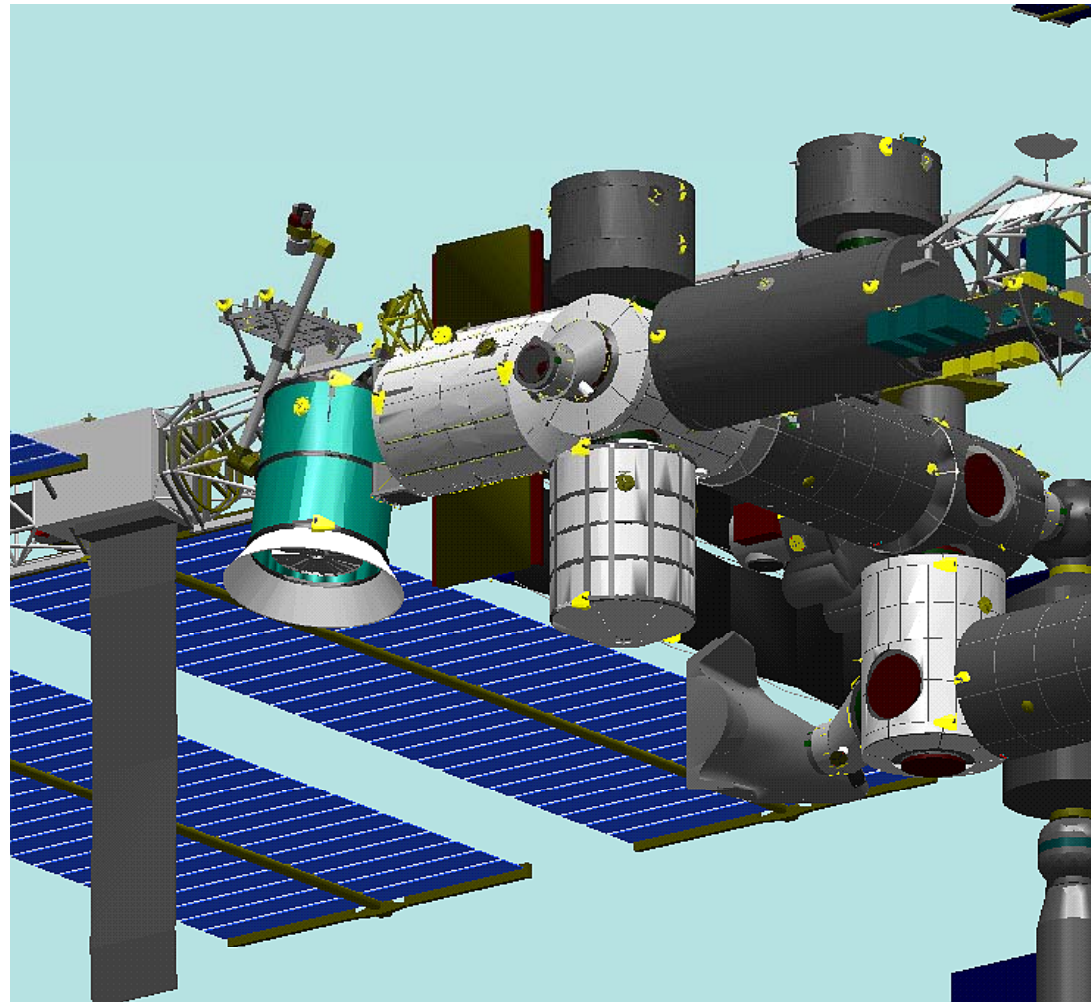
EUSO at the COF-EPF

- Due to the very large difference between EUSO and one nominal EPF payload in terms of mass (1700 Kg max. vs. 230 Kg) and volume (up to 60 cubic meters vs. 1), all the phases of transportation to orbit, transfer to the operational position and connection to the ISS have necessarily to be different for EUSO with respect to one nominal EPF payload.
- According to the preliminary analysis performed by Alenia the EUSO mission on ISS COF-EPF appears to be feasible.
- The following figures have the purpose **only** to illustrate a possible scenario of transportation and accommodation study. This matter shall be part of the EUSO Phase A Accommodation, that is responsibility of ESA; This study will be in parallel to the Instrument Phase A study performed by the ESO Consortium.

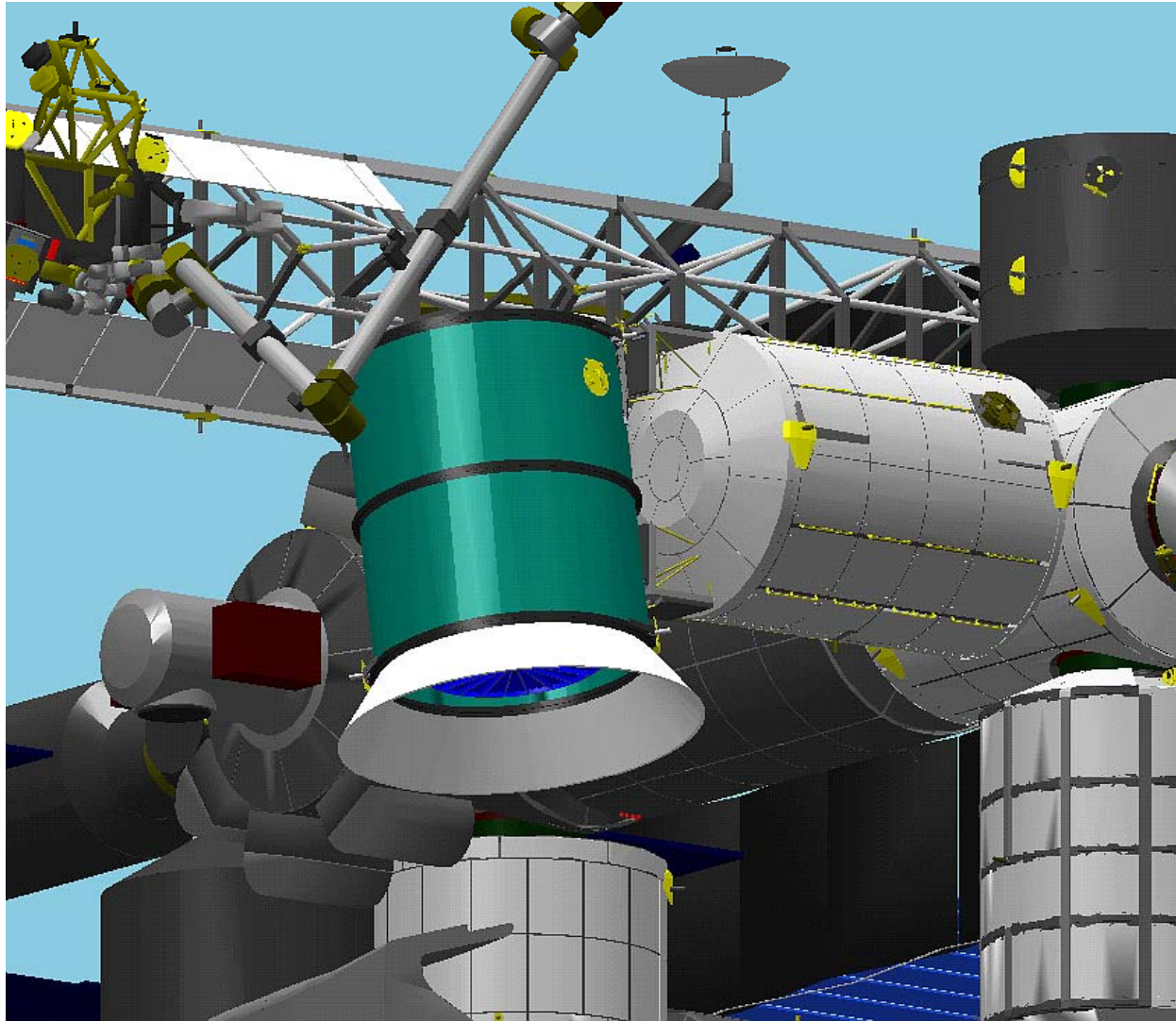
EUSO at the COF-EPF (from Ram/Nadir/Outboard)



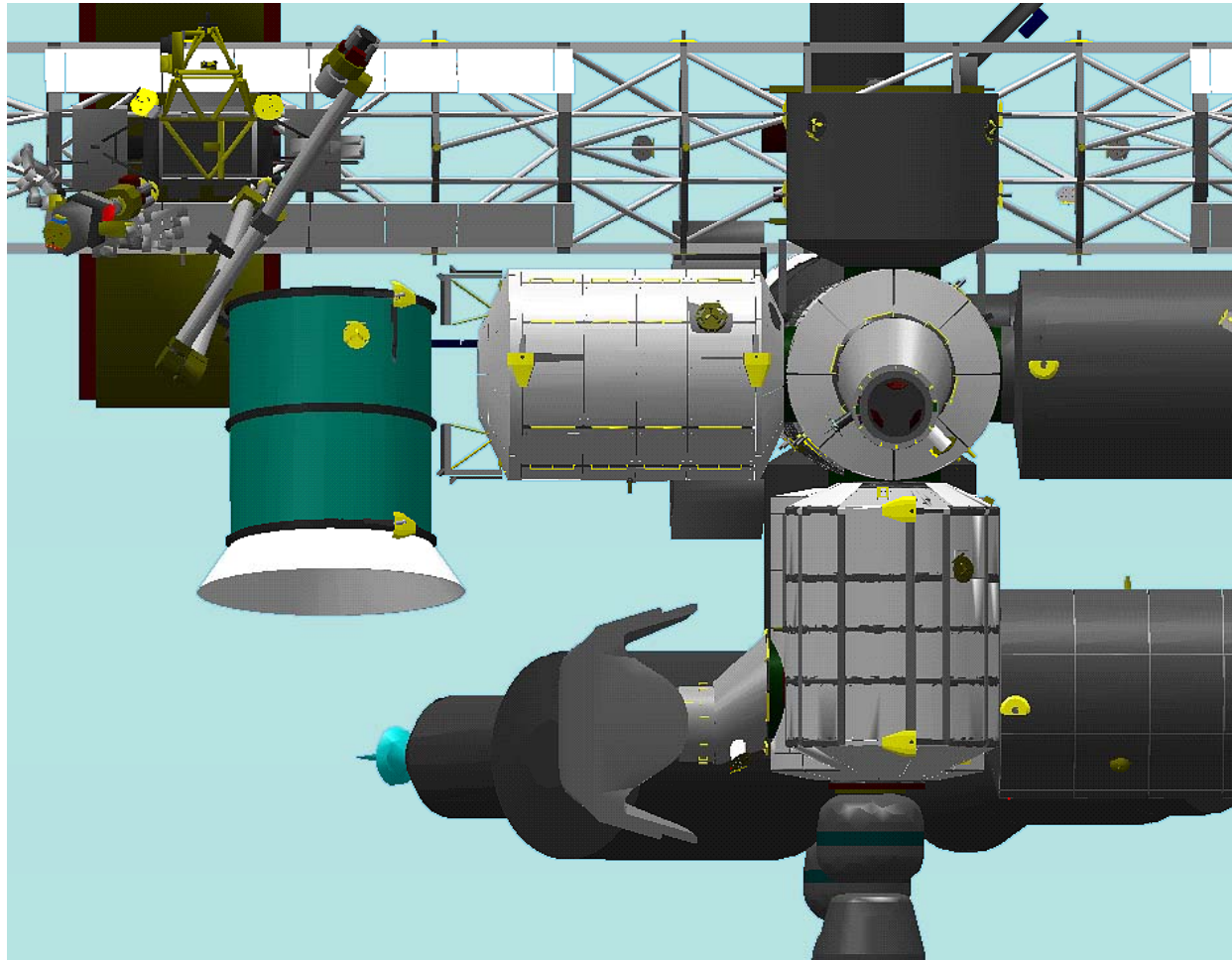
EUSO at the COF-EPF (from Ram/Inboard)



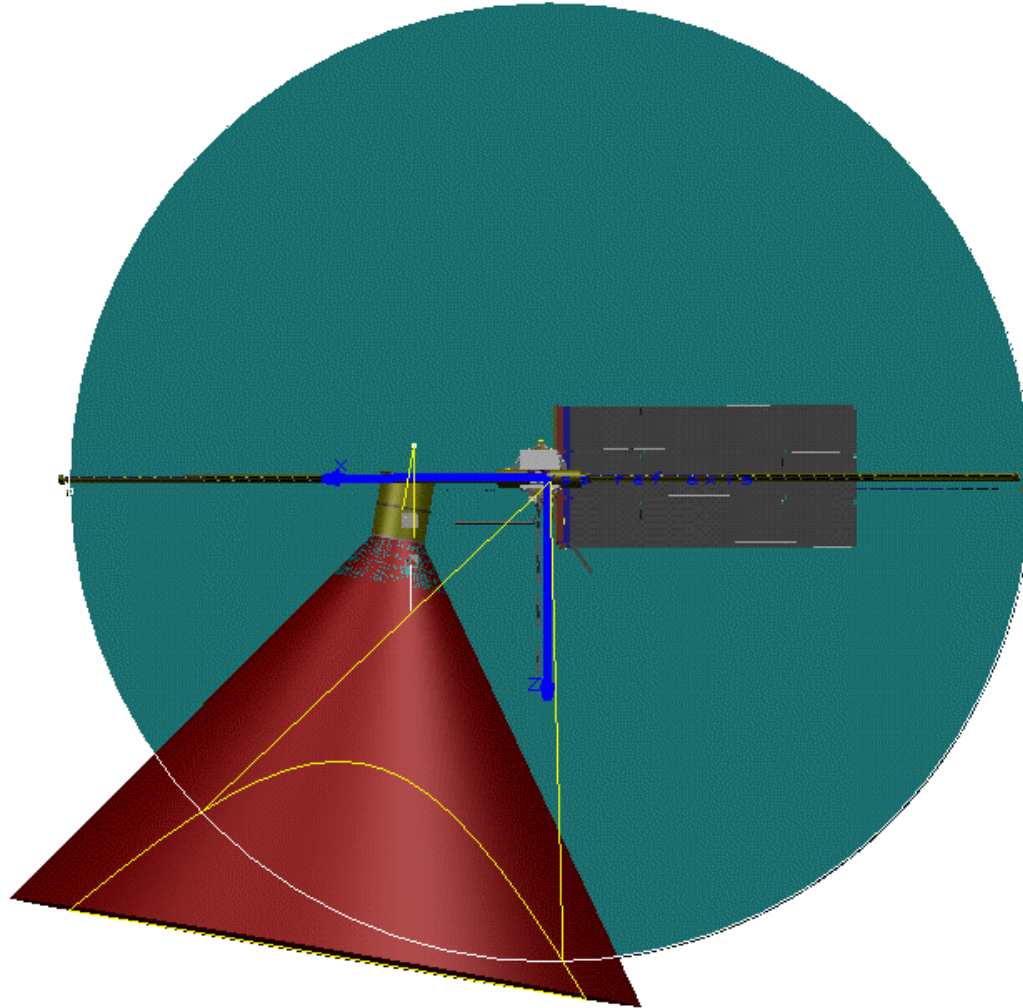
EUSO at the COF-EPF (from Ram/Nadir/Outboard)



EUSO at the COF-EPF (from Inboard)



Interference of EUSO F.o.V. with ISS Solar Panels



EUSO: General Functional Block Diagram

