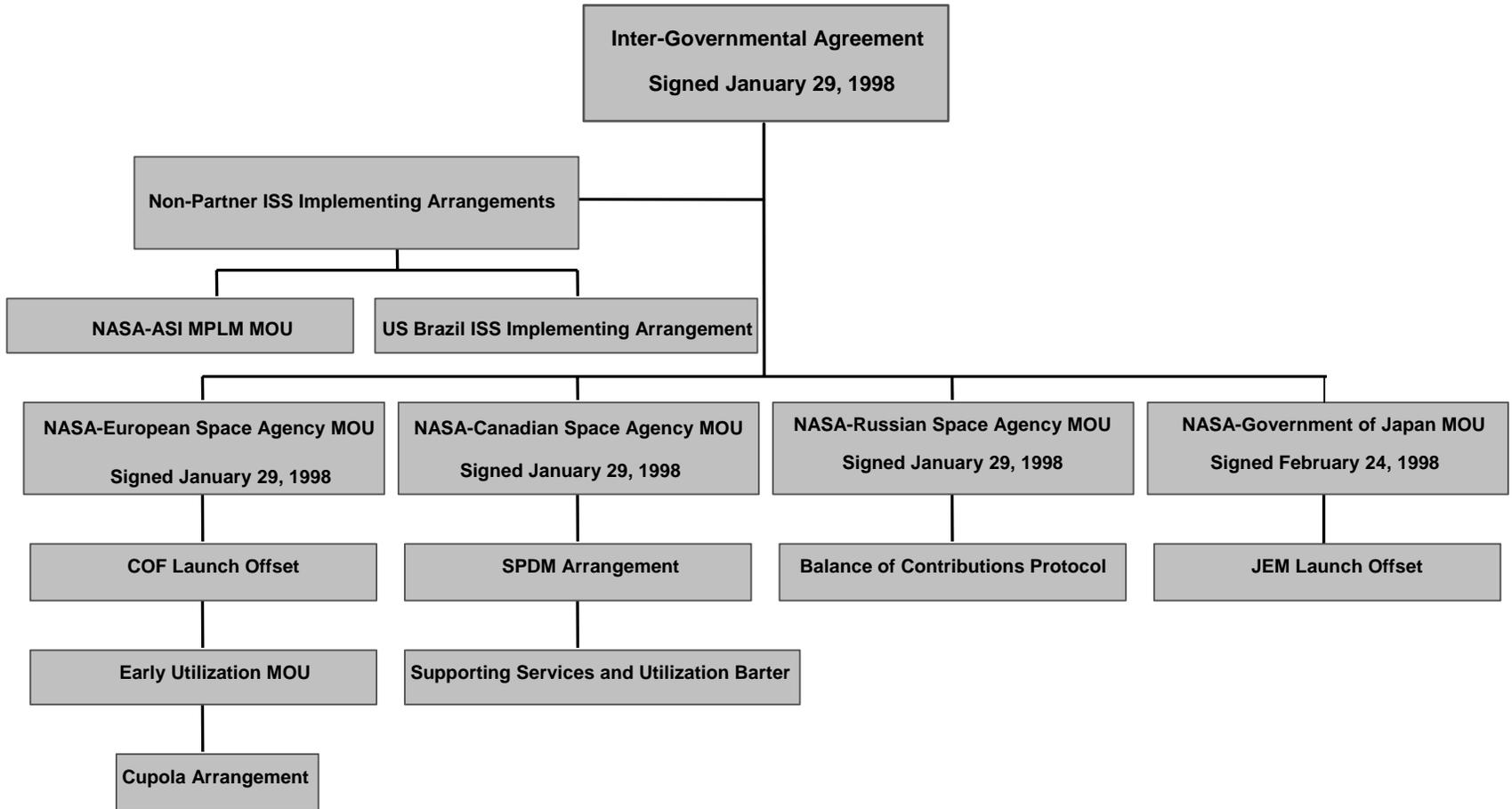




# ISS Agreement Flow chart



## ***Barter Agreements Involving Utilization***

- Memorandum of Understanding between NASA and ESA Enabling Early Utilization Opportunities of the International Space Station (Signed March 18, 1997 until completion of activities or passage of 10 years)
  - MSG, MELFI
- Agreement in Principle for the Japanese Experiment Module Launch Offset (Signed September 10 1997 until superseded by the MOU)
  - CAM, CR, LSG + miscellaneous

## ***ISS Research Agreements***

- NASA-DLR International Space Station Dosimeter Mapping Investigation Letter of Agreement (October 22, 1999 and will remain in force for five years unless terminated by either of the parties upon six months written notice).
- NASA-CSA H- reflex Study and Extravehicular Activity Study Research Interim Agreement (January 5, 2000 and will remain in force until superceded by the Life Sciences Multilateral Research Agreement for ISS).
- NASA-ESA Agreement supporting the ISS research activity involving the “Effects of Microgravity on the Peripheral Subcutaneous Veno-Arteriolar Reflex in Humans” investigation with Dr. Gabrielsen as Principal Investigator (November 22, 2001 and will remain in force for five years unless terminated by either of the parties upon six months written notice).

## *ISS Experiment Hardware Agreements*

- NASA-Hungarian Space Office Letter of Agreement on Flying Hungary's Passive Dosimeter System on the International Space Station (March 11, 1998 and will remain in force for three years after the launch of the mission)
- NASA-NASDA Agreement for Cooperative Research Activities regarding the Bonner Ball Neutron Detector (BBND) on the International Space Station (August 17, 1999 and will remain in force for five years unless terminated by either of the parties upon six months written notice).
- NASA-ESA Agreement for Cooperation on the Materials Science Laboratory (MSL) on the International Space Station (August 30, 1999 and will remain in force for five years post launch unless terminated by either of the parties upon six months' written notice).
- NASA-ESA Agreement for Cooperation on the Human Research Facility and European Physiology Module on the International Space Station (December 22, 1999 and will remain in force for seven years unless terminated by either party upon six months written notice).
- NASA-ESA Loan Agreement for the Torque Velocity Dynamometer (February 18, 2000 and will remain in force for four years).
- NASA-CNES Letter Agreement for the Facility for the Study of Changes in Liquids at the Critical Point (DECLIC) on International Space Station (March 22, 2000 and will remain in force for five years unless terminated by either of the parties upon six months written notice).

## *ISS Experiment Hardware Agreements, continued*

- NASA-CSA Interim Agreement for the Insect Habitat on the International Space Station (May 23, 2000 and will remain in force until it is superceded by the NASA-CSA MOU on the Insect Habitat, or until two years after entry into Force unless terminated by either of the Parties upon six months written notice).
- NASA-ESA Agreement for the European Modular Cultivation System on the International Space Station (October 9, 2001 until five years post launch unless terminated by either of the parties upon six months written notice).

## *Over-Arching ISS Agreements*

- Agreements exist among the government of Canada, governments of Member States of the European Space Agency, the Government of Japan, the Government of the Russian Federation, and the Government of the United States of America concerning Cooperation on the Civil International Space Station (International Space Station Inter-Governmental Agreement), entered into force in 1998.
- Memorandum of Understanding Between the National Aeronautics and Space Administration of the United States of America and the Canadian Space Agency concerning Cooperation on the Civil International Space Station (NASA – CSA ISS MOU), entered into force in 1998.
- Memorandum of Understanding between the National Aeronautics and Space Administration of the United States of America and the European Space Agency concerning Cooperation on the Civil International Space Station (NASA – ESA ISS MOU), entered into force in 1998.
- Memorandum of Understanding between the National Aeronautics and Space Administration of the United States of America and the government of Japan concerning Cooperation on the Civil International Space Station (NASA-Japan ISS MOU) entered into force in 1999.
- Memorandum of Understanding between the National Aeronautics and Space Administration of the United States of America and the Russian Space Agency concerning Cooperation on the Civil International Space Station (NASA – RSA ISS MOU), entered into force in 1998.
- NASA and Brazil have an Implementing Agreement for the WORF