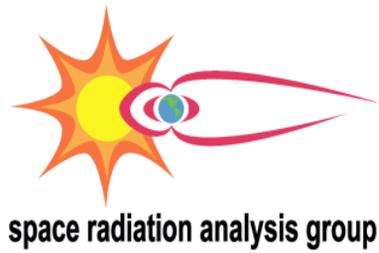


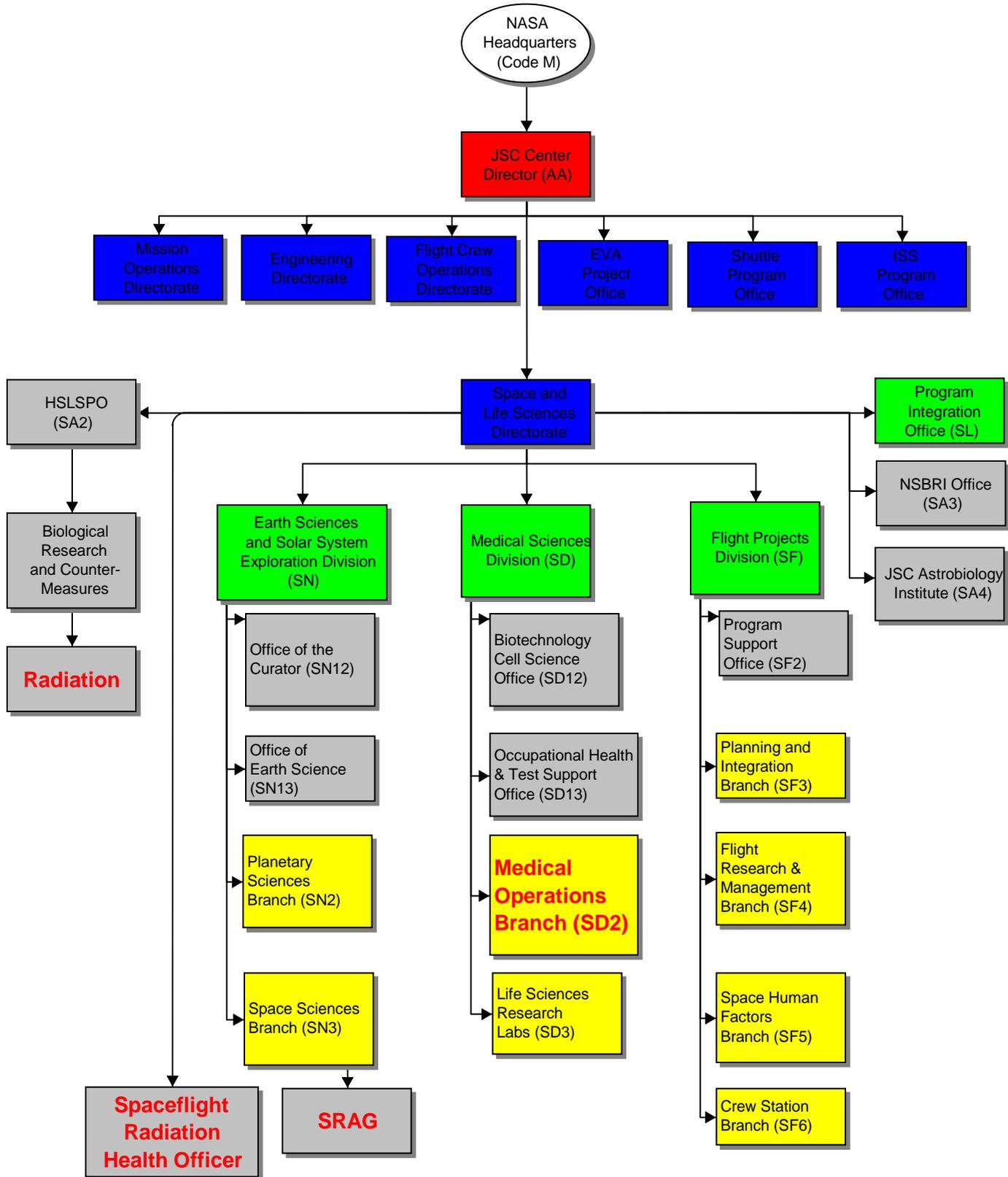
Johnson Space Center Radiological Support Program—Organization and Relationship to NASA Programs

**NCRP Review of NASA Space Radiation
Operations and Protection Methods
8-9 Dec 1999**

Michael J. Golightly
NASA Johnson Space Center
Space Sciences Branch



Spaceflight Operational Radiological Support—Line Management





“The Cast”

- Space and Life Sciences Directorate (SA)
 - ★ Spaceflight Radiation Health Officer: **Dr. Frank Cucinotta, PhD**
 - **Mr. Neal Zapp (Wyle)**
- HSLSPO/BRC (SA2)
 - ★ Radiation Program Integration: **Dr. Frank Cucinotta, PhD**
 - **Dr. Prem Saganti, PhD**
- Earth Science and Solar System Exploration Division (SN)
 - ★ Chief Scientist for Radiation: **Dr. Gautam Badhwar, PhD**
 - Mr. Joel Flanders (LM)

Radiation Hardware Development Team

Ms. Jennifer Meek-Chilton (LM) --Team Lead

Mr. Frank Gibbons (LM)

Mr. Alan Davis (GBTech)

Mr. Terry Byers (LM)

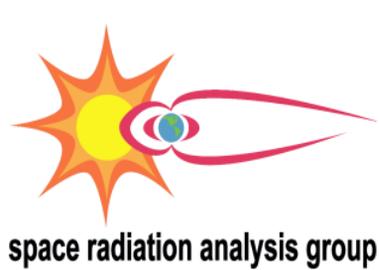
Mr. Rick Emshoff (LM)

Mr. Fadi Rimani (LM)

Ms. Louise Lee (LM)

Mr. Bob Dunn (LM)

Mr. Fadi Rimani (LM)



“The Cast” (cont.)

- Space Sciences Branch (SN3)

- ★ Manager, SRAG: **Mr. Michael Golightly**

- Lockheed-Martin Radiation Project Manager:
Mr. Mark Weyland (LM)

SRAG Ops Team

Mr. Mark Weyland (LM)—Team Lead

Dr. A. Steve Johnson, PhD (LM)

Mr. Will Maxson (LM)

SRAG Development Team

Dr. Tom Lin, PhD (LM)

Mrs. Claire Dardano (LM)

Vacancy

Operational Dosimetry Team

Mr. Edward Semones (HEI)—Team Lead

Mr. Joel Flanders (LM)

Mr. Fadi Rimani (LM)

Operational Radiation Instrument Engineer

Dr. Tad Shelfer (Liberated)

- Medical Operations Branch (SD2)

- ★ Biodosimetry: **Dr. Frank Cucinotta, PhD**

Mr. Neal Zapp (Wyle)—Lab Manager

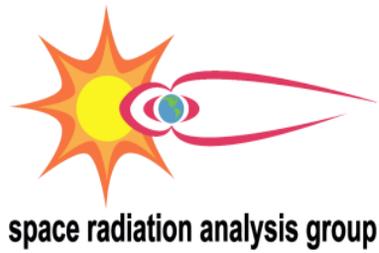
Ms. Veronica Willingham (Wyle)

Ms. Kerry George (Wyle)

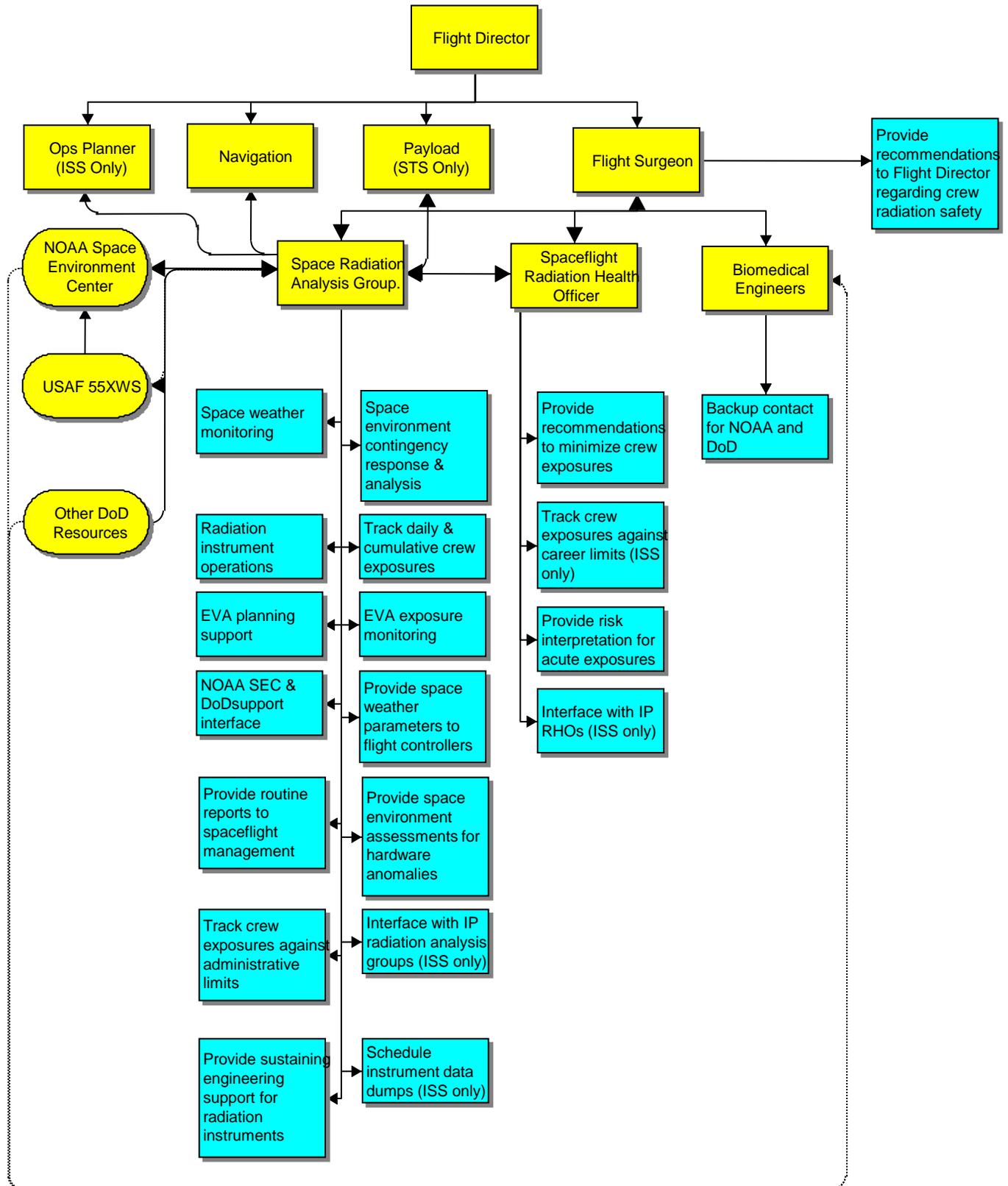
Dr. Hon Lu Wu, PhD (Kelsey-Seybold)

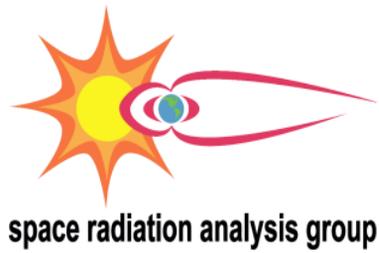
- ★ Medical Records Maintenance: **Dr. Frank Cucinotta, PhD**

- Dr. Hong Lu Wu, PhD (Wyle)

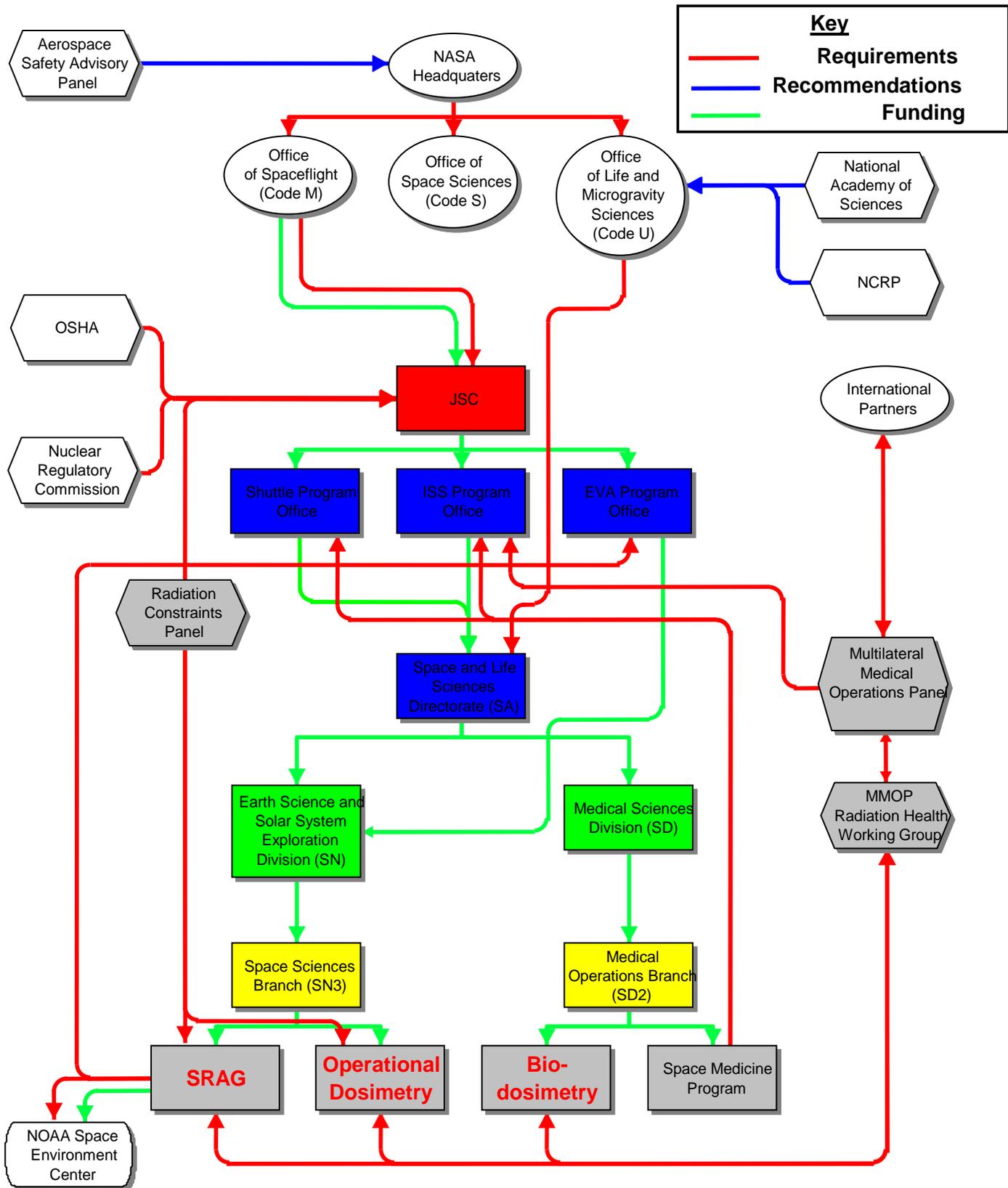


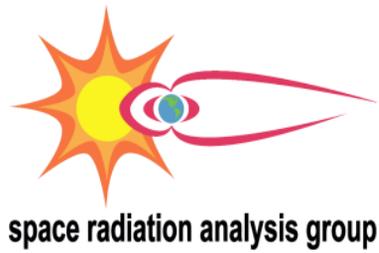
Spaceflight Operational Radiological Support—Flight Support Structure



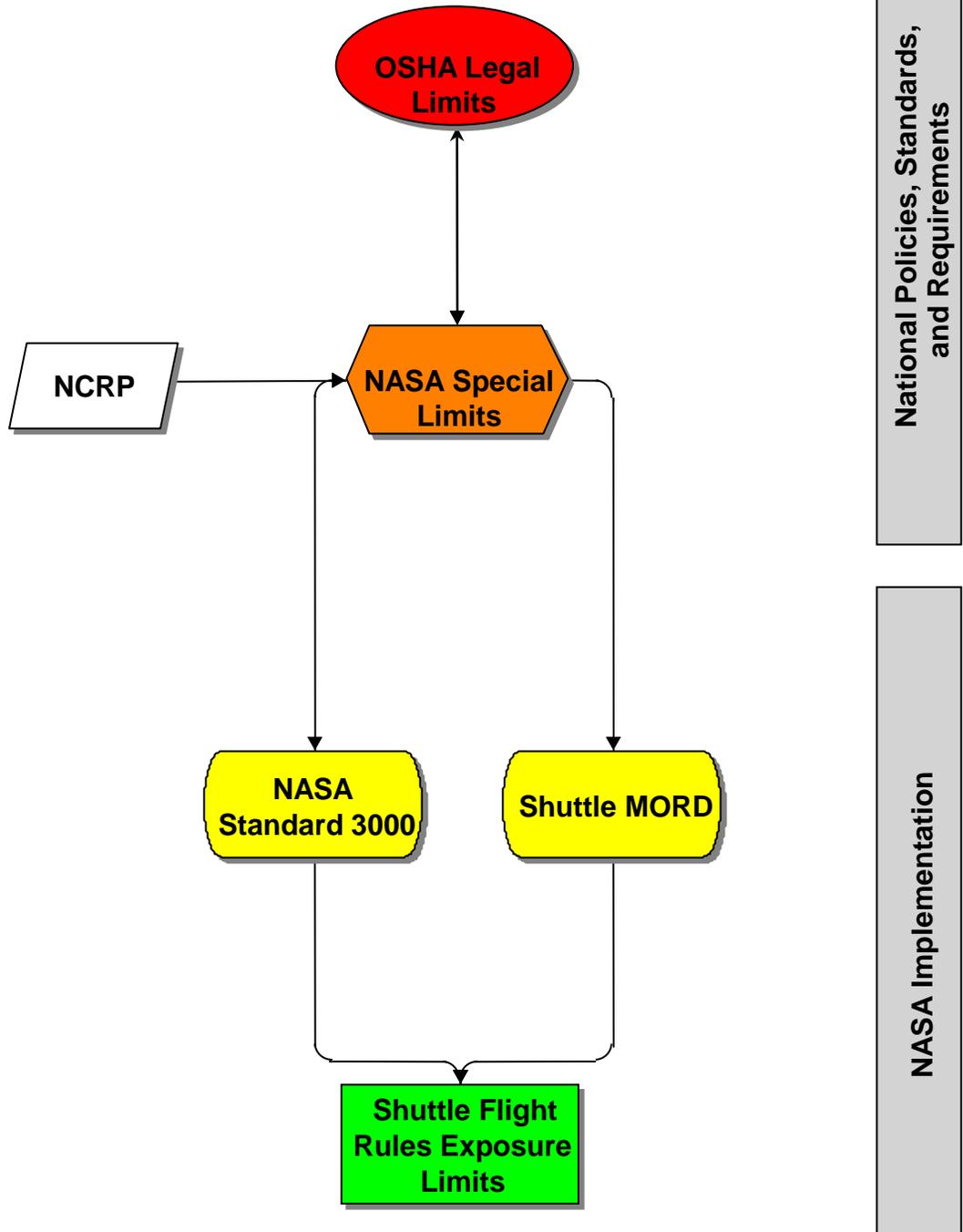


Spaceflight Operational Radiological Support— Program Interfaces

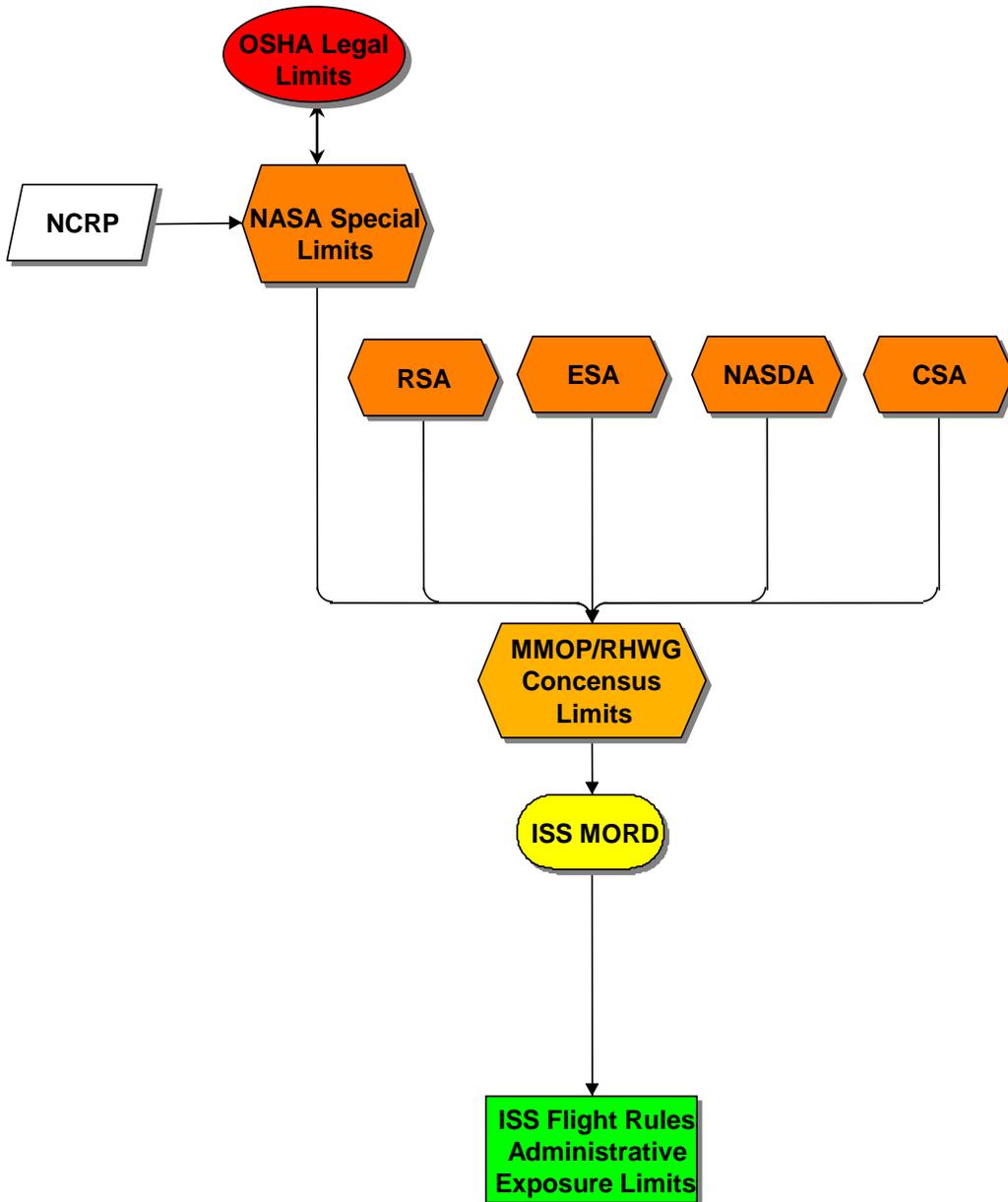




Shuttle Radiation Exposure Limits Development



ISS Radiation Exposure Limits Development



National Policies, Standards, and Requirements

International Space Agency Consensus

NASA Implementation