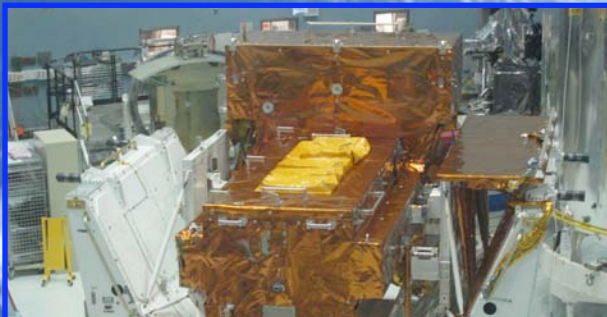


# HST Servicing Mission SM4-R(obotic)



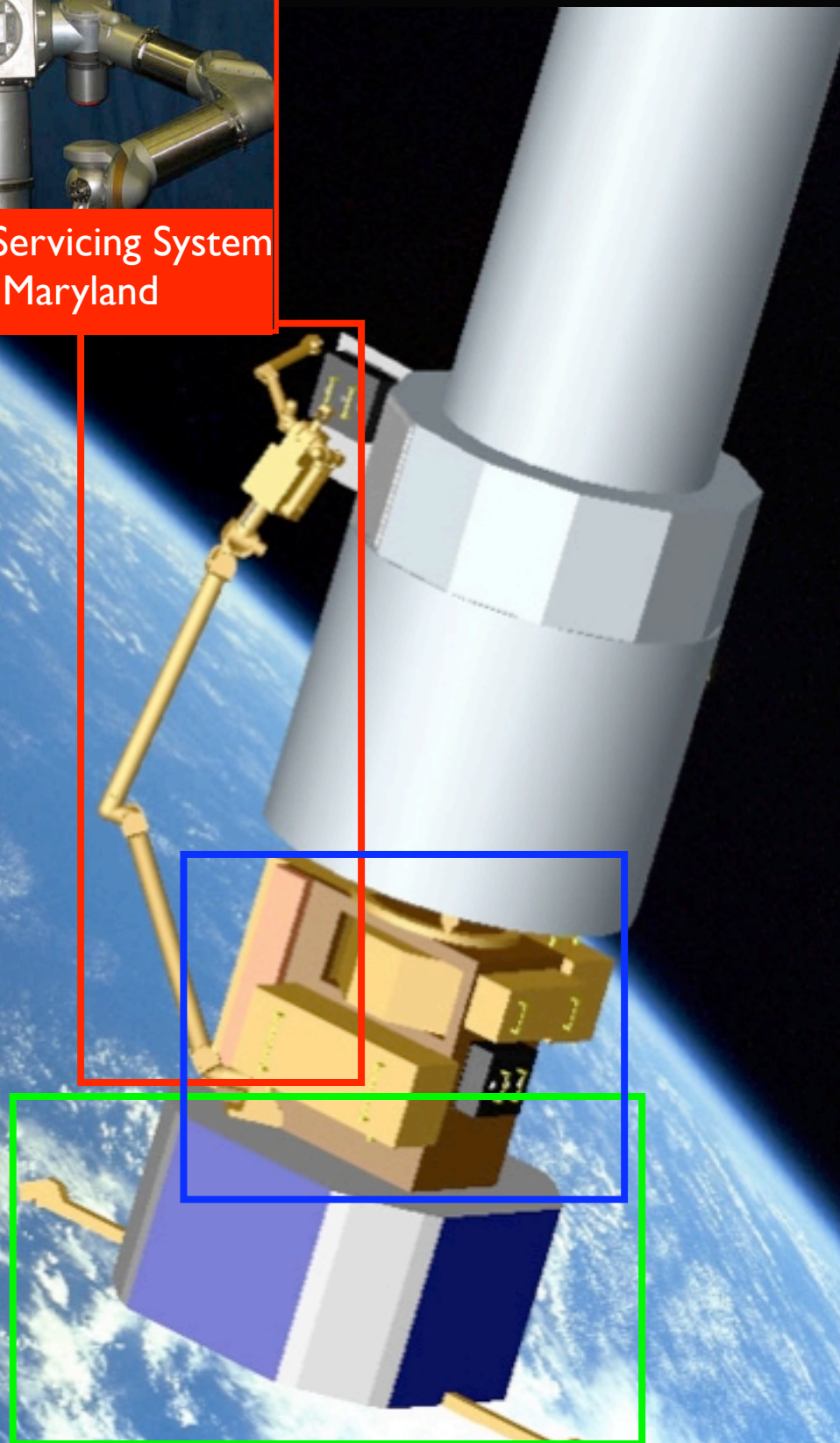
Ranger Telerobotic Servicing System  
University of Maryland



HST SM4 Servicing Hardware  
NASA Goddard



Interim Control Module  
Naval Research Laboratory



- Goal is to perform the entire SM-4 mission planned for the shuttle - *robotically*
- All critical flight hardware *already* exists from previous (cancelled) flight programs
- Will use underwater simulation to develop tools and procedures exactly as for shuttle mission
- System will fly nearby after servicing, return at end of mission to perform deorbit
- Provides the first flight opportunity for advanced US robotics technology
- Utilizes a true partnership of government, industry, and academia