



5...4...3...2...1...

SPACE LAUNCH SYSTEM

NASA's Space Launch System Program Update

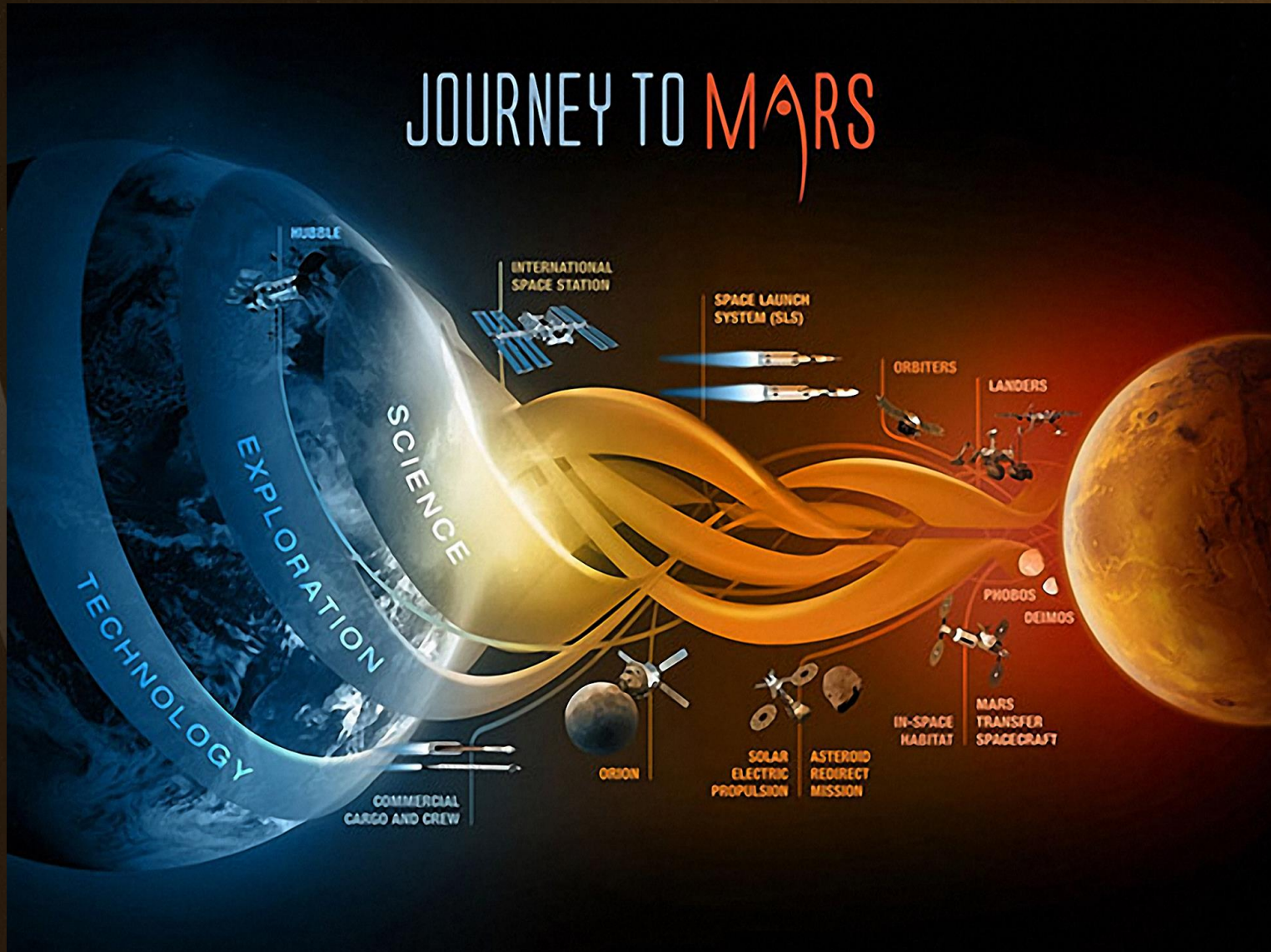
Garry Lyles
SLS Chief Engineer
October 12, 2015



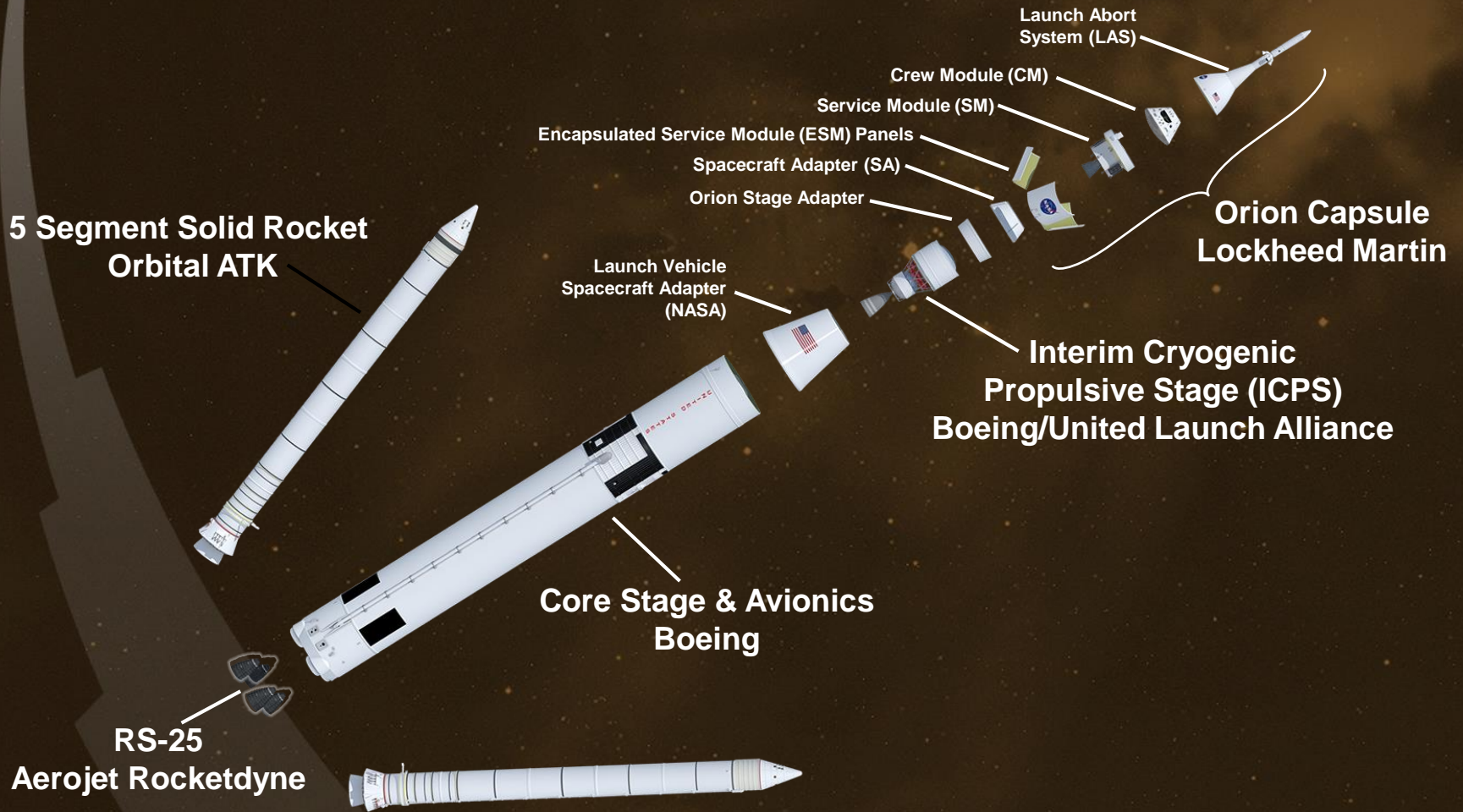
Enabling Exploration Beyond Earth



NASA's Journey to Mars



SLS Block I Configuration for EM-1



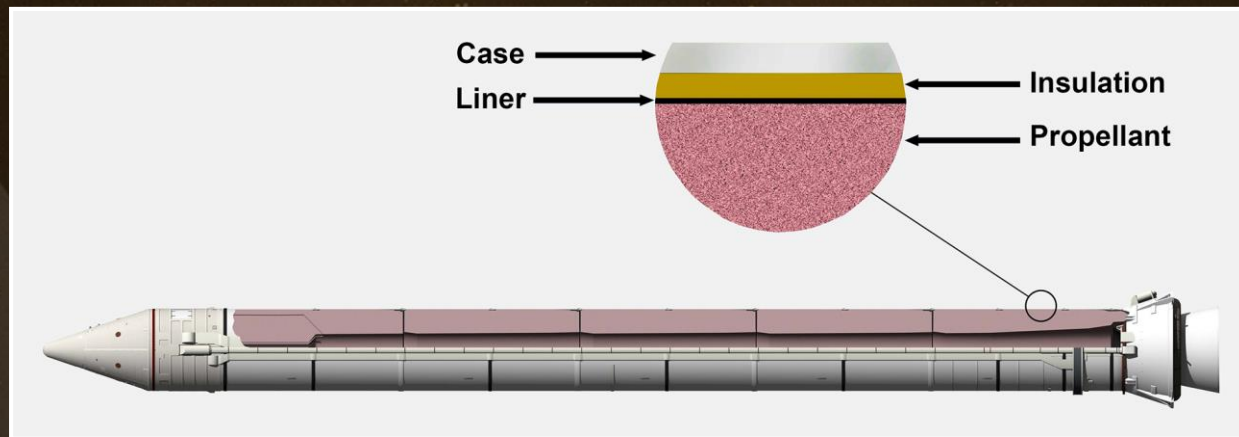
5-Segment Solid Rocket Booster



QM-1 Test, March 2015



Booster Center Forward Segment
Post-test Disassembly



SLS Booster Insulation Configuration

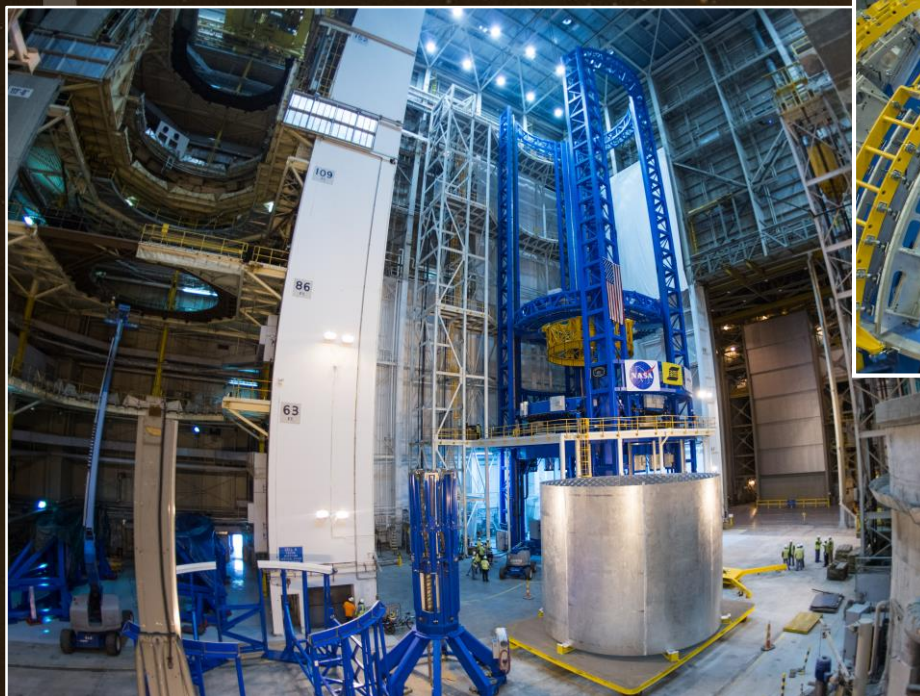
RS-25 Core Stage Engine



RS-25 Controller

RS-25 Adaptation Test, Stennis Space Center

Core Stage Progress



Vertical Assembly Center at Michoud Assembly Facility

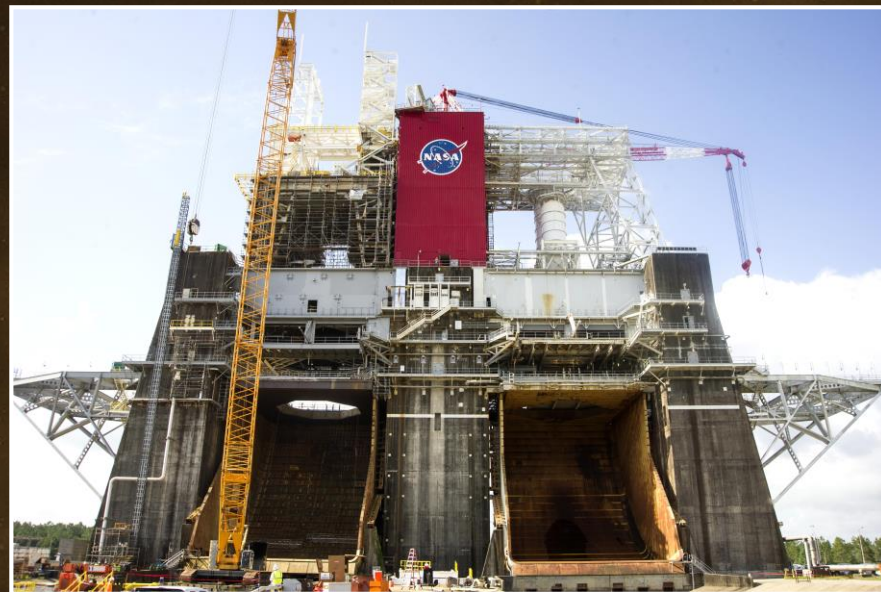


LH2 Dome Assembly at Michoud

Core Stage Testing



**LH2 Test Stand at
Marshall Space Flight Center**

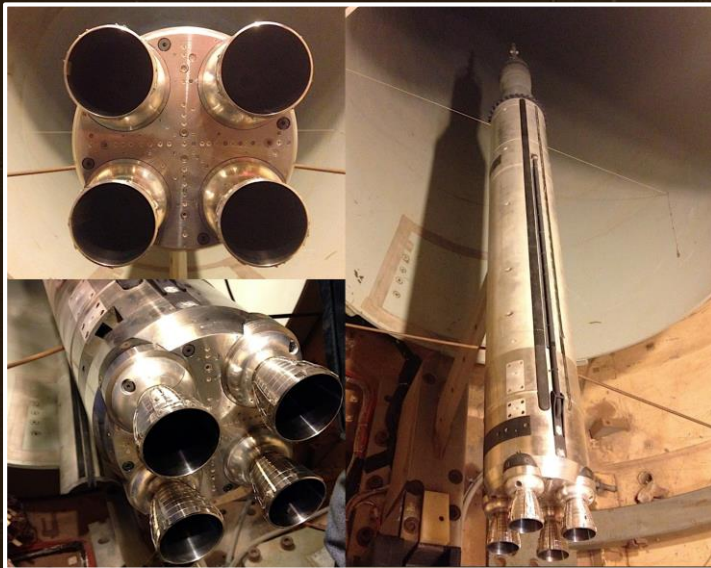


**B-2 Test Stand at
Stennis Space Center**



**Pegasus Barge at
Stennis Space Center**

Other work



**SLS Base Heating Tests, CUBRC
Inc. New York, 2015**



**Scale Model Acoustic Testing,
MSFC, 2014**



**SLS Core Stage Avionics Testing,
Marshall Space Flight Center, 2014-2015**



**Launch Vehicle Stage Adapter Test
Article Panel Assembly, MSFC, 2015**

Critical Design Review Complete



CDR activity at
Marshall Space Flight Center

SLS Path to Launch

