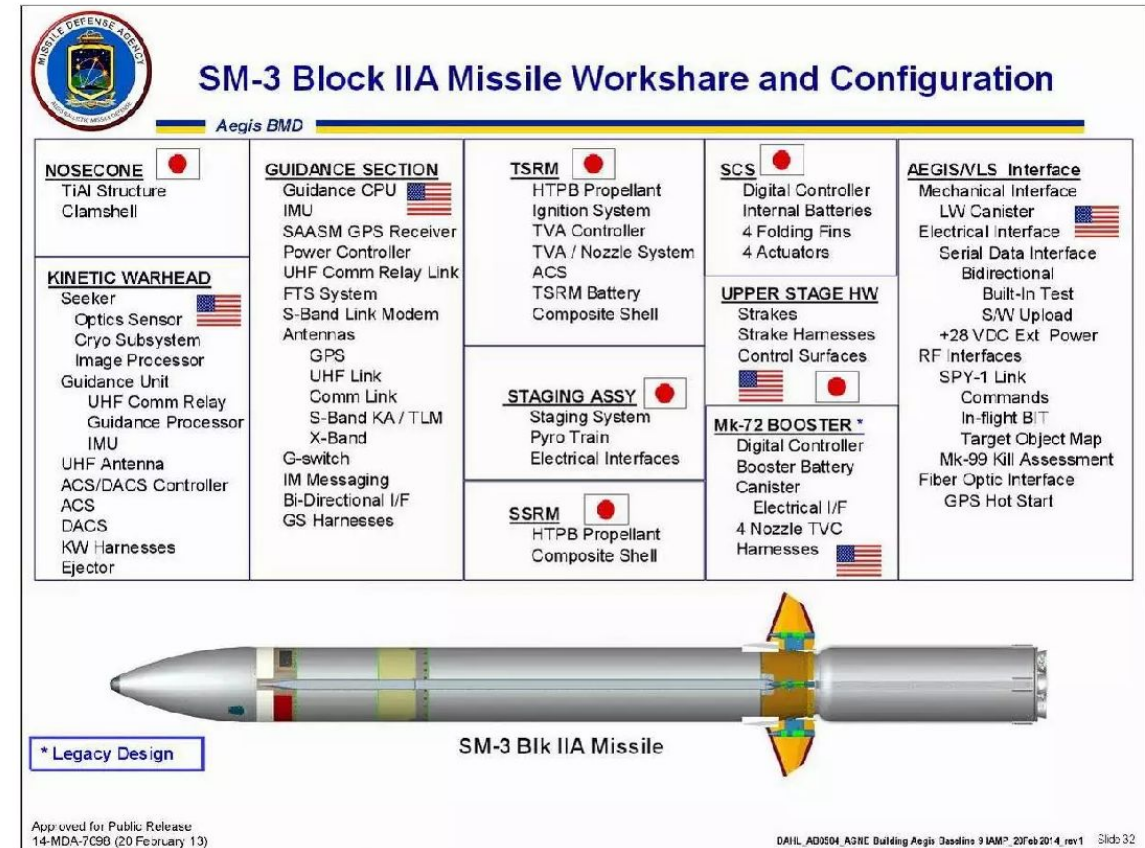


SM-3 Block IIA Cooperative Development (SCD)

Highlights and Lessons Learned

US/Japan Cooperation

- SCD Program origin and timeline
- 1990 Western Pacific Basin Architecture Study (WestPac)
- 1994 Bilateral Study on BMD
- 1999 Japan Cooperative Research program (JCR)
- 2006 US and Japan agreed to jointly develop the SM-3 IIA
- 2020 MDA announced the BLK IIA is ready for production



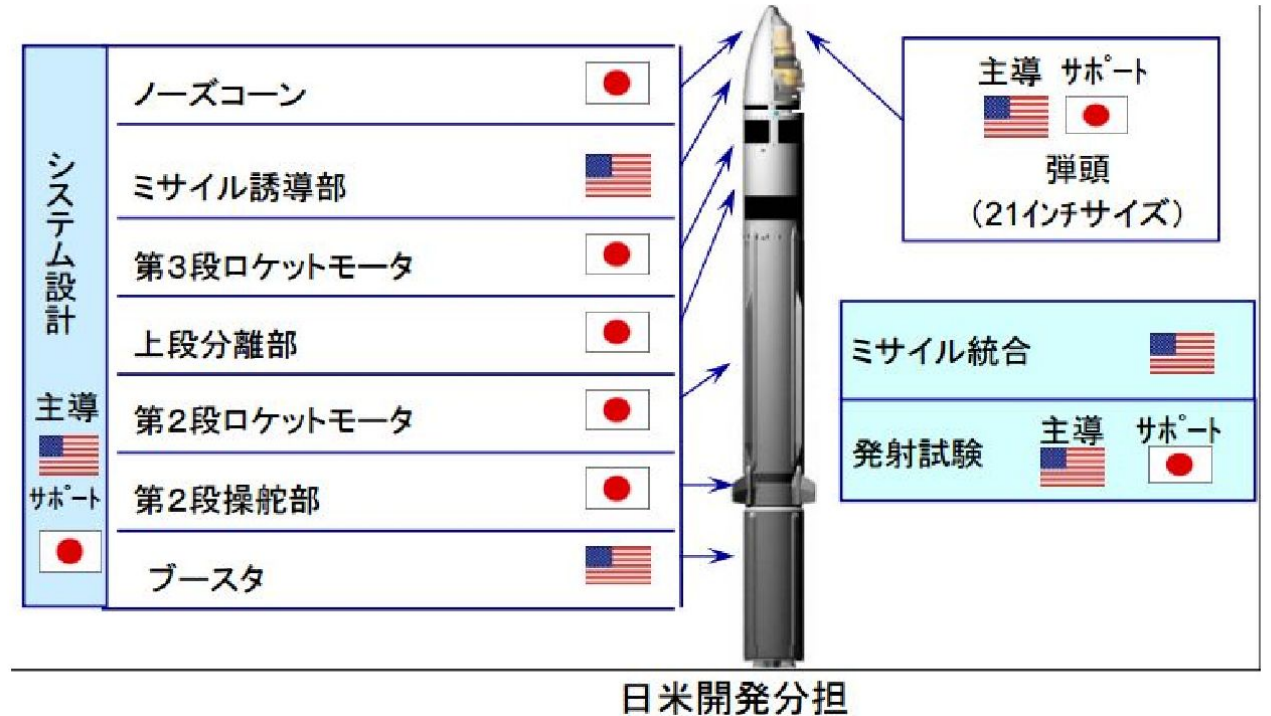
Program Results

- Highlights

- State of the art missile defense solution
- Precedent setting program
 - Joint program for country requirements
 - Japan production workshare for US defense program
- Technology development
- Alliance booster
- Interoperable/interchangeable solution
- Recognition of partner capabilities
- Potential for future spiral development
- Strengthened industry to industry ties

- Lowlights

- Timeline
- Cost
- Quantity



Program Details

- Issues

- Program
- Policy issues
- Industry to Industry
- Requirements
- Cost containment

- Recommendations

- Small joint program office
- Established joint (fixed) baseline requirements
- Industry to Industry contract
- Technology sharing release authority
- Agreement modifications

