



***Current Launch
Schedule Review Board
(CLSRB)
Process Briefing***

16 Sep 2014



CLSRB Overview

- **CLSRB:**
 - Semi-annual forum chaired by 14 AF/CC and attended by senior officers, program managers and commercial representatives from the launch community
 - Purpose is to review resource, satellite and launch assessments, prioritize launches and approve the 4 year Current Launch Schedule (CLS)
 - Responsibility delegated to 14 AF/CC by AFSPC/CC
- **Five CLSRB board members:**
 - SMC/CV, AFSPC/A3, NRO, NASA & FAA
- **Non-board member agencies/organizations:**
 - Represent their interests regarding launches projected during the review period
 - AFGSC, MDA, commercial launch service providers and other customers

Key to successful process is transparency to all stakeholders

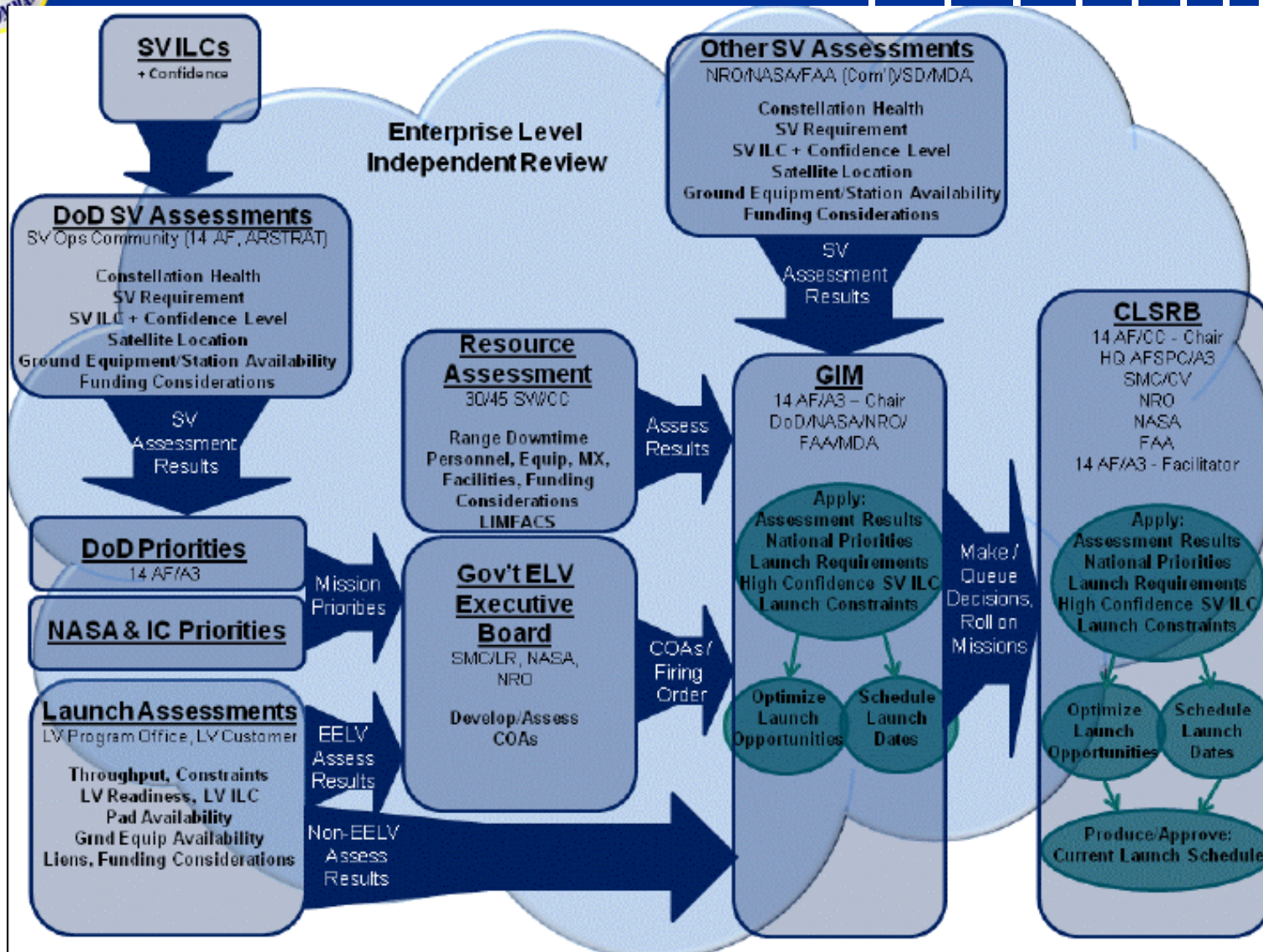


CLSRB Process

- **Program/Asset Assessments: 2-3 months before CLSRB**
 - **Space Vehicles (CSATs)**
 - Readiness to launch
 - Date needed – operational considerations
 - Launch constraints (separation between launches, NET dates, etc)
 - **Launch Vehicles (LV Program Office & LV Customer)**
 - **Ranges & Ground Support**
- **Government Team Reviews: 1 month before CLSRB**
 - **Government Expendable Launch Vehicle Executive Board (GEEB)**
 - (SMC, NASA & NRO develop and assess COAs)
 - **Government Interchange Meeting (GIM) – O-6 CLSRB review**
 - (14 AF/A3, DOD, NASA, NRO, FAA, MDA)
 - Optimize Launch Opportunities
 - Provides recommendations to CLSRB
- **CLSRB**
 - **14 AF, AFSPC/A3, SMC, NRO, NASA, FAA, MDA, Commercial partners**
 - Produce/Approve Current Launch Schedule

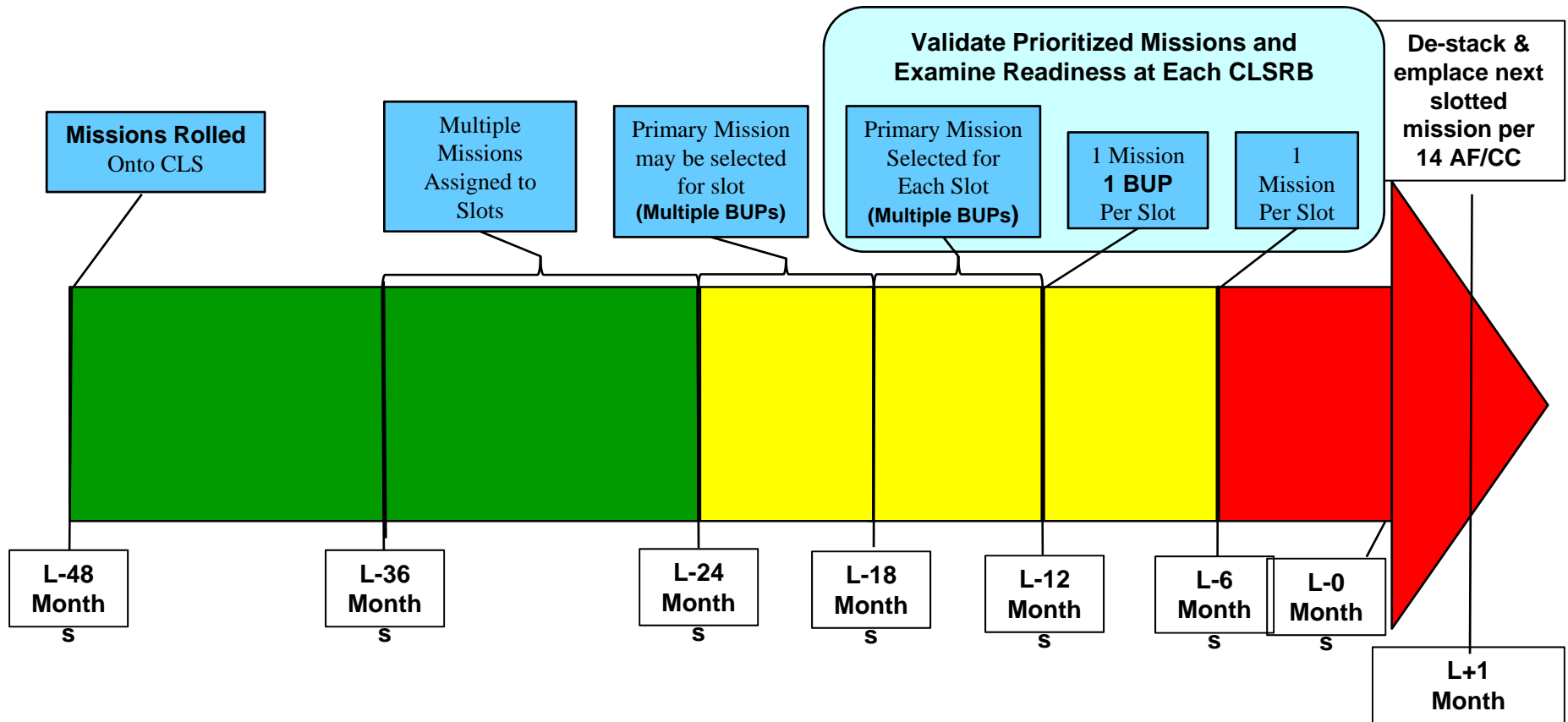


CLSRB Process





Mission Manifesting Timeline



AFSPC, NRO, NASA, Commercial all provide input and requirements



Out-of-Cycle CLSRB

- **Out-of-cycle CLSRB:**

- 14 AF may convene an out-of-cycle CLSRB when interagency communication is required to resolve significant scheduling actions or when a conflict cannot be resolved at a lower level



Launch Information Support Network (LISN)

- Official launch scheduling system for all launches from the United States
- Managed and maintained by HQ AFSPC in the Launch Services Office (LSO)
- Information reported in LISN includes scheduling status and major milestones of all major launch systems, range or pad maintenance, and other mission related significant events



Scheduling and Forecasting Products

- **Current Launch Schedule (CLS) Report**
 - A fiscal-year-based, 48-month projection of spacelift launches on the ER and WR. The first two years of the CLS are reported through weekly distribution. The third and fourth years are used for planning purposes. (14 AF)
- **National Mission Model (NMM) Report**
 - A Seven-year, fiscal forecast of all national (DoD, NRO, civil and commercial) missions/spacecraft requiring a launch on the ER and WR. It begins at the conclusion of the CLS. (HQ AFSPC/A3)
- **AFSPC Program Data Call Report**
 - A fiscal-based, launch forecast report displaying HQ AFSPC missions requiring launch. It begins at the conclusion of the CLS and extends seven years. These constrained requirements are collected by HQ AFSPC/A3SR at least annually and results are used to support the PPBE cycle (HQ AFSPC/A3)



Scheduling and Forecasting Products

- **Space Vehicle (SV) Initial Launch Capability (ILC) Report**
 - Displays SV mission(s) and associated date(s) indicating the earliest each mission is available for launch (independent of the launch vehicle), including shipping to the launch site and nominal processing time. Confidence level in ability to achieve ILC is included in this report.
- **Commander's Launch Update Report**
 - The Commander's Launch Update Report is a six-month projection of launches on the ER and WR
 - Presented weekly to AFSPC Leadership



Launch Scheduling and Forecasting Timeline

	Operations				OT&E						
Year	1	2	3	4	5	6	7	8	9	10	11
Forecasting (NMM/NLF)					←						
Scheduling (CLS)	←										
FY	13	14	15	16	17	18	19	20	21	22	23
	Current Launch Schedule (CLS) - CLS = 48 mo (yrs 1-4) - 14 AF responsibility - Managed by CLSRB, stored in LISN - Missions prioritized after transition from NMM - Overbook missions				National Mission Model (NMM) National Launch Forecast (NLF) - NMM = 7 yrs (yrs 5-11) - NLF = 7 yrs (yrs 5-11) - HQ AFSPC/A3 responsibility - Managed by HQ AFSPC/A3SR, stored in LISN - Missions approved by HQ AFSPC Mission Areas - Overbook missions						



Questions?



Backups



Preemption

- If a government launch requirement results in preemption of a commercial mission, actions must be IAW Title 51 United States Code (USC) 50910 et. seq., CSLA, as amended.
 - AFSPC/CC consults with DOT via the Associate Administrator for Commercial Space Transportation (FAA/AST)
 - Preemption decisions must be made by the Secretary of Defense (responsibility cannot be delegated) in consultation with the Secretary of Transportation
 - AF/CC shall direct action according to Secretary of Defense preemption decision.