

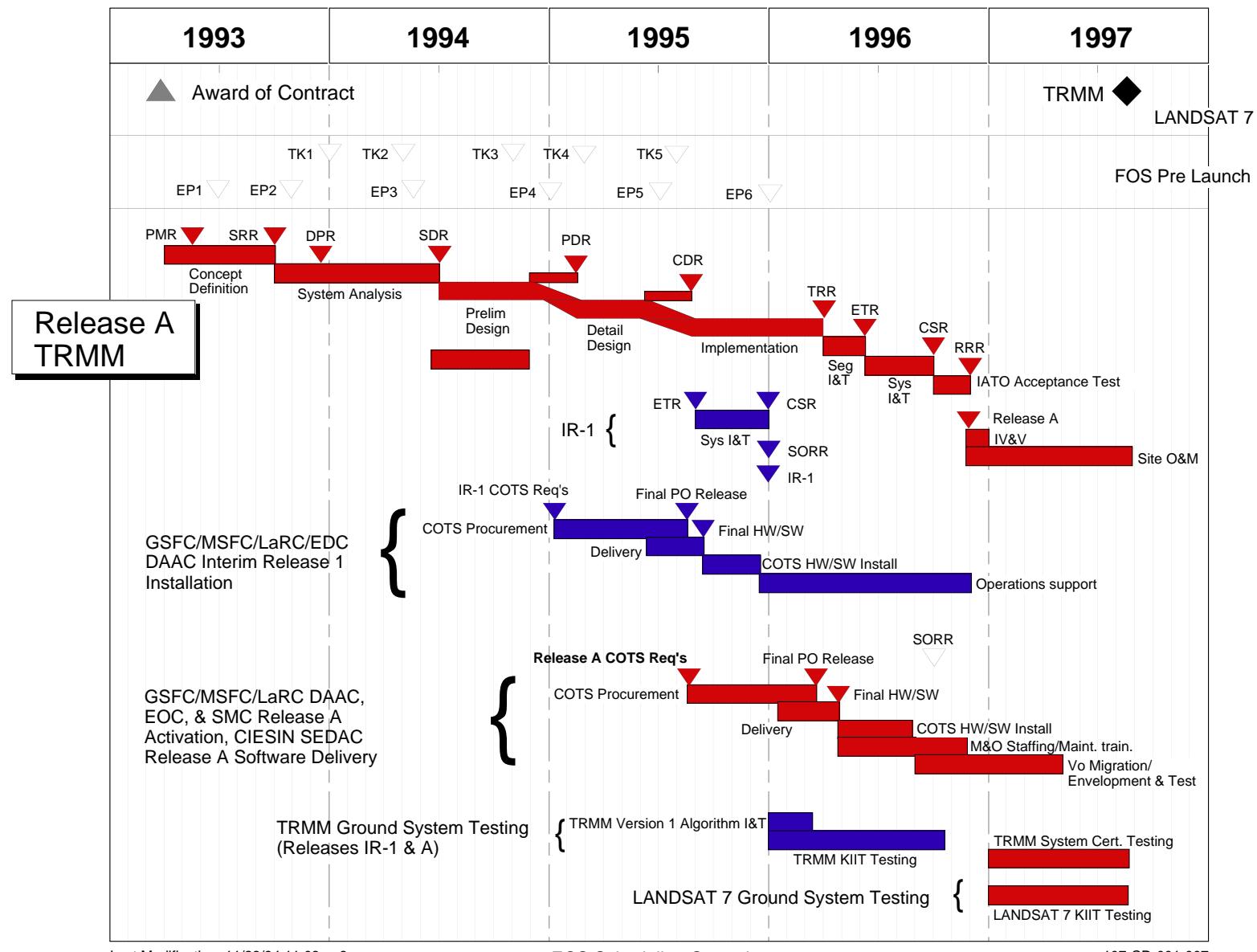
Release Planning

R. Barbiere

28 February 1995

ECS Level 1 Master Development Schedule

November 1994



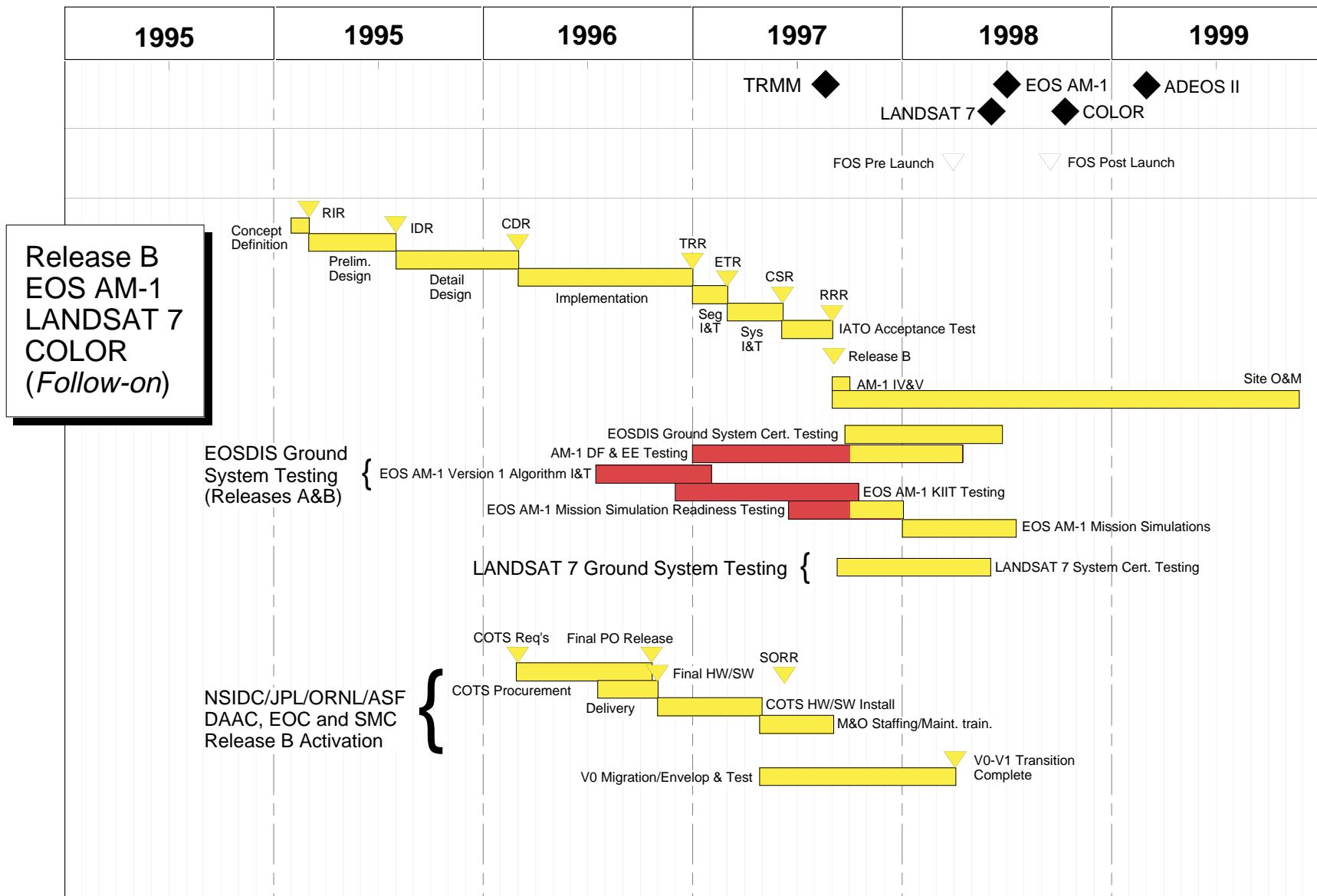
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ECS Scheduling Operations

107-CD-001-007

ECS Level 1 Master Development Schedule

November 1994



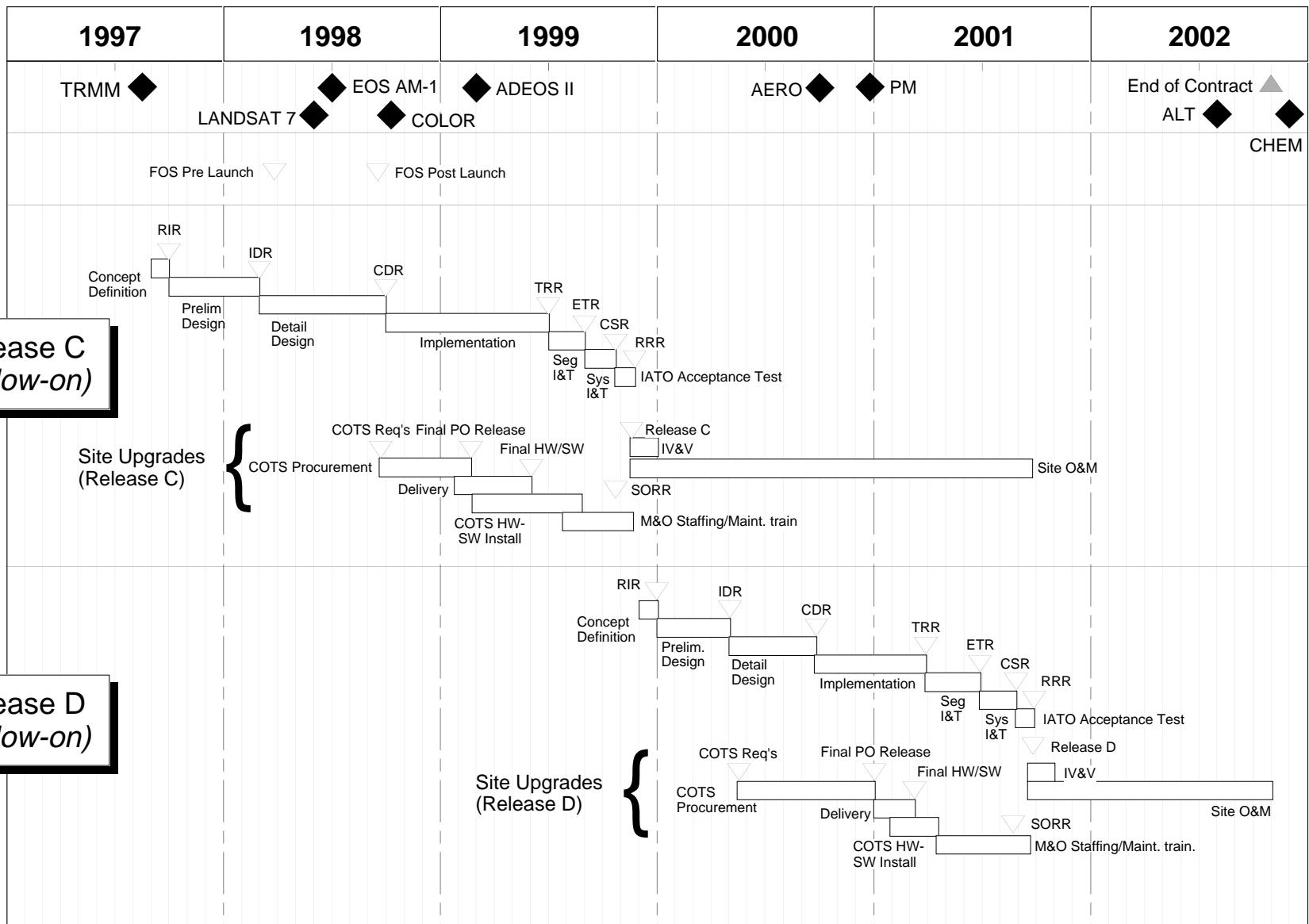
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ECS Scheduling Operations

107-CD-001-007

ECS Level 1 Master Development Schedule

November 1994



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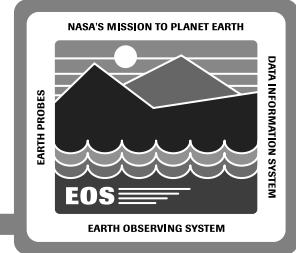
ECS Scheduling Operations

107-CD-001-007

705-CD-004-001

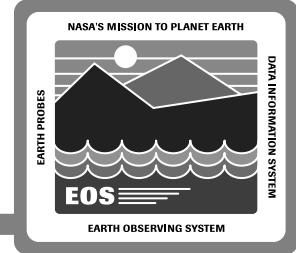
RB-4

ECS Functional Capabilities - IR-1/TRMM Infrastructure



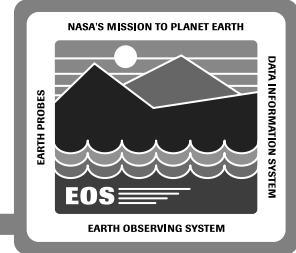
- MSFC, LaRC, GSFC and EDC Initial Site Activation
- TRMM Data Ingest at 3 Sites
- TSDIS to ECS and SDPF to ECS Data Transfer
- CERES & LIS SCF to ECS Data Transfer (Algorithms & Support Data)
- PGS Toolkit and Algorithm I & T Environment to Support:
 - CERES and LIS Version 1 Algorithm I & T for TRMM
 - MODIS, MISR, MOPITT and ASTER Beta Algorithm I & T support for EOS AM-1

ECS Functional Capabilities - Release A/TRMM Support



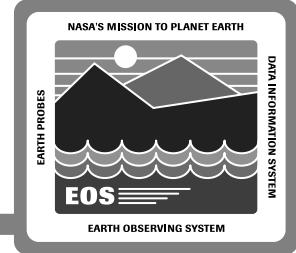
- MSFC, LaRC and GSFC Final Site Activation for TRMM Science Operations Support
- EDC Upgrade to support Landsat Early Ground System I/F Testing
- DAAC Information Management and Archive
- TRMM Data Access and Distribution
- Online Archive for Version 0 Data Migration and TRMM Support
- TRMM CERES and LIS Science Data Processing Support
- Version 2 Algorithm I & T Support for TRMM Instruments
- Ancillary Data Ingest from NOAA to Support TRMM
- Interoperable with CIESIN SEDAC and NOAA
- Client Access to ECS and Version 0 Data Holdings

ECS Functional Capabilities - Release A/TRMM Support (cont.)



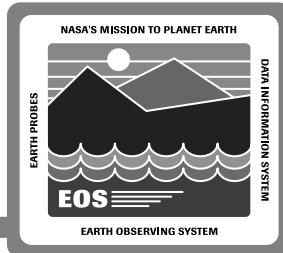
- FOS Core Functionality to perform EOS AM-1 Spacecraft and Instrument Command and Control Testing and Ground Interface Testing (EDOS, ECOM, FDF, NCC ...)
- Landsat 7 Early Interface Test Support
- Release A Activation of EOC to support I/F Testing
- MODIS, MISR, MOPITT and ASTER Version 1 Algorithm I & T support for EOS AM-1

ECS Functional Capabilities - Release B/EOS AM-1 Support



- FOS Full Functionality to Support EOS AM-1 Spacecraft Mission Operations and Mission Simulations
- Full Functionality to Support Landsat 7 and COLOR Science Operations
- Release B Activation of EOC
- Activation of NSIDC, JPL, ASF and ORNL DAACs for EOS AM-1 Science Operations Support
- Full Functionality to Support EOS AM-1 Science Data Processing
- Version 2 Algorithm I & T Support to EOS AM-1 Instruments
- ASTER DAR Processing
- Online Archive for EOS AM-1, Landsat 7, COLOR and V0 - ECS Transition Completion
- Backup Storage Capacity (1 Year) for Level 0 Data

Software Size Estimates (Excluding COTS SLOCs)



	SDPS*		FOS**		CSMS*		TOTAL (K SLOCS)	
	SDR	PDR	SDR	PDR	SDR	PDR	SDR	PDR
IR-1	69.0	45.5	0.0	0.0	38.0	17.5	107.0	63.0
Release A	168.0	149.6	263.0	260.0	63.0	67.0	494.0	476.6
Release B	151.0	170.4	216.0	212.0	116.0	77.0	483.0	459.4
Release C/D	65.0	49.6	0.0	0.0	74.0	129.0	139.0	178.6
Total ECS	453.0	415.1	479.0	472.0	291.0	290.5	1223.0	1177.6

* Includes 4GL, Scripts and "Glue Code".

** Includes Adapted and Reuse Code per FOS RID #14.