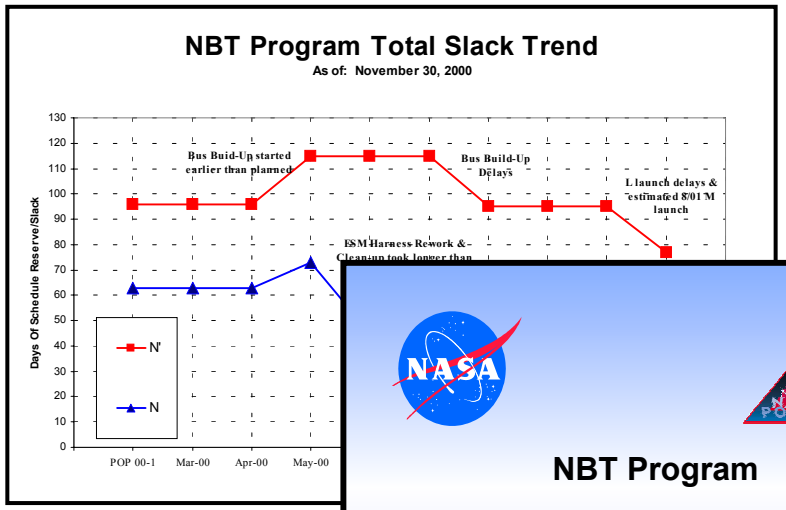
Project Management Support Resources are Available to Facilitate Schedule Planning and Control

- **Providing Assistance in Schedule Development**
  - Using project requirements to develop WBS and schedules
  - Identifying typical work and determining the relationship of these activities as well as time constraints
  - Using project management software tools and techniques
  - Help ensure schedules are integrated with resources and cost planning

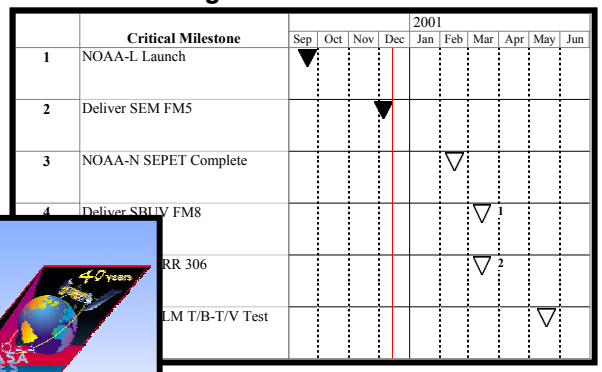
Project Management Support Resources are Available to Facilitate Schedule Planning and Control

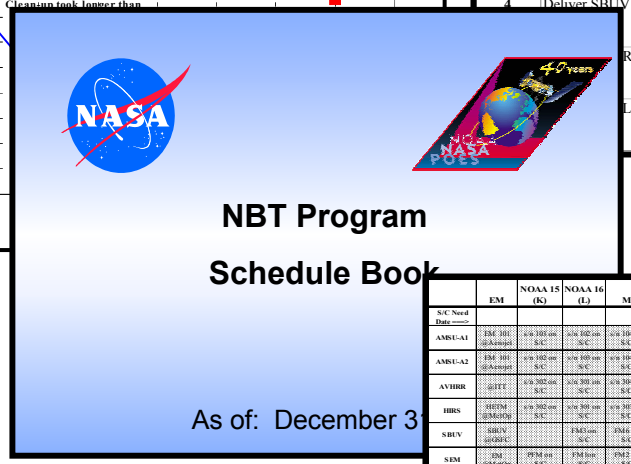
- **Providing Guidance in Schedule Analysis**
  - Assisting in collecting status and updating schedules
  - Recommending NASA recognized means of reporting schedule progress
- **Providing Guidance in Schedule Control**
  - Establishing control strategies
  - Evaluating schedule risk

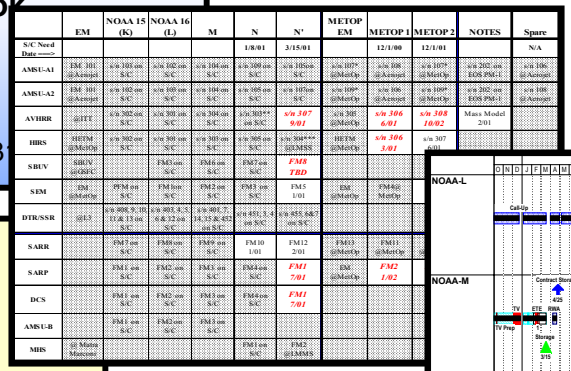
Examples of Schedule Reporting Products



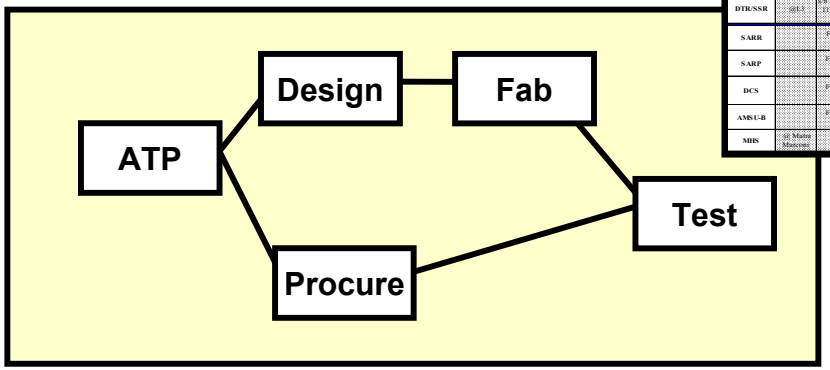
NBT "Rolling Wave" Milestone Schedule

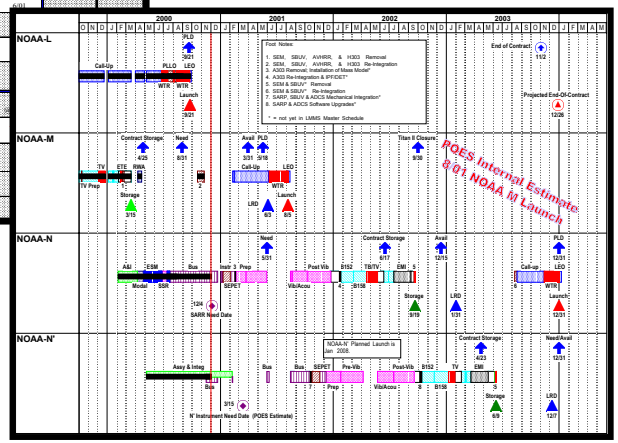


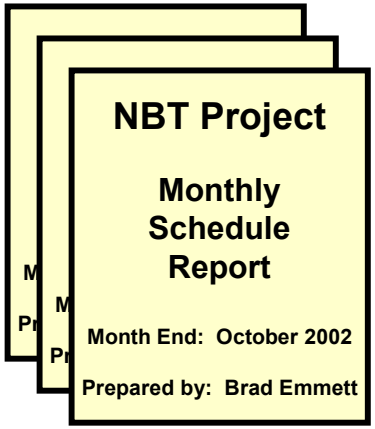




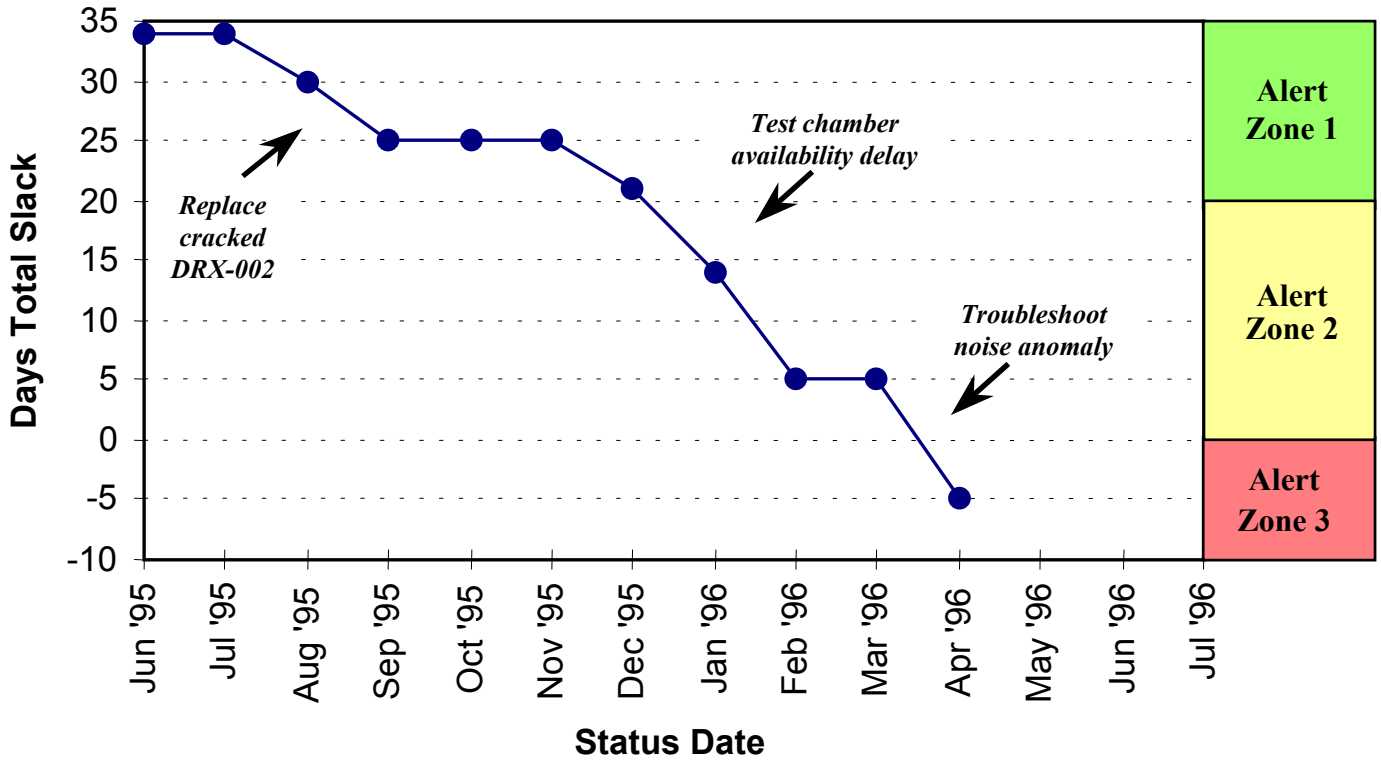
	EM	NOAA 15 (K)	NOAA 16 (L)	M	N	N'	METOP EM	METOP 1	METOP 2	NOTES	Spare
S/C Need Date --->					1/8/01	3/15/01		12/1/00	12/1/01		N/A
AMSU-A1	EM: 301 @Aerojet	s/n 301 on S/C	s/n 302 on S/C	s/n 104 on S/C	s/n 105 on S/C	s/n 105 on S/C	s/n 107* @MetOp	s/n 108 @Aerojet	s/n 107* @MetOp	s/n 202 on EOS PM-1	s/n 106 @Aerojet
AMSU-A2	EM: 301 @Aerojet	s/n 102 on S/C	s/n 103 on S/C	s/n 104 on S/C	s/n 105 on S/C	s/n 107 on S/C	s/n 108* @MetOp	s/n 106 @Aerojet	s/n 106* @MetOp	s/n 202 on EOS PM-1	s/n 106 @Aerojet
AVHRR	@ITT	s/n 302 on S/C	s/n 303 on S/C	s/n 304 on S/C	s/n 303** on S/C	*s/n 307 9/01*	s/n 305 @MetOp	*s/n 306 6/01*	*s/n 308 10/02*	Mass Model 201	
HIRS	HIRM @MetOp	s/n 302 on S/C	s/n 303 on S/C	s/n 303 on S/C	s/n 305 on S/C	s/n 304** @EMSS	HIRM @MetOp	*s/n 306 3/01*	s/n 307 6/01		
SBUV	SBUV @GSFC		FM3 on S/C	FM4 on S/C	FM7 on S/C	*FM8 TBD*					
SEM	EM @MetOp	PFM on S/C	FM1 on S/C	FM2 on S/C	FM3 on S/C	FM5 1/01	EM @MetOp	FM4@ MetOp			
DTR/SSR	@L3	s/n 308, 310 UA 11 on S/C	s/n 303, 4, 5 UA 12 on S/C	s/n 308, 7 UA 33 & 403 on S/C	s/n 410, 1, 4 on S/C	s/n 555 6&7 on S/C					
SARR		FM7 on S/C	FM8 on S/C	FM9 on S/C	FM10 1/01	FM12 2/01	FM10 @MetOp	FM11 @MetOp			
SARP		FM1 on S/C	FM2 on S/C	FM3 on S/C	FM4 on S/C	*FM1 7/01*	EM @MetOp	*FM2 1/02*			
DCS		FM1 on S/C	FM2 on S/C	FM3 on S/C	FM4 on S/C	*FM1 7/01*					
AMSU-B		FM4 on S/C	FM5 on S/C	FM6 on S/C							
MHS	@ Matra Marconi				FM1 on S/C	FM2 @EMMS					







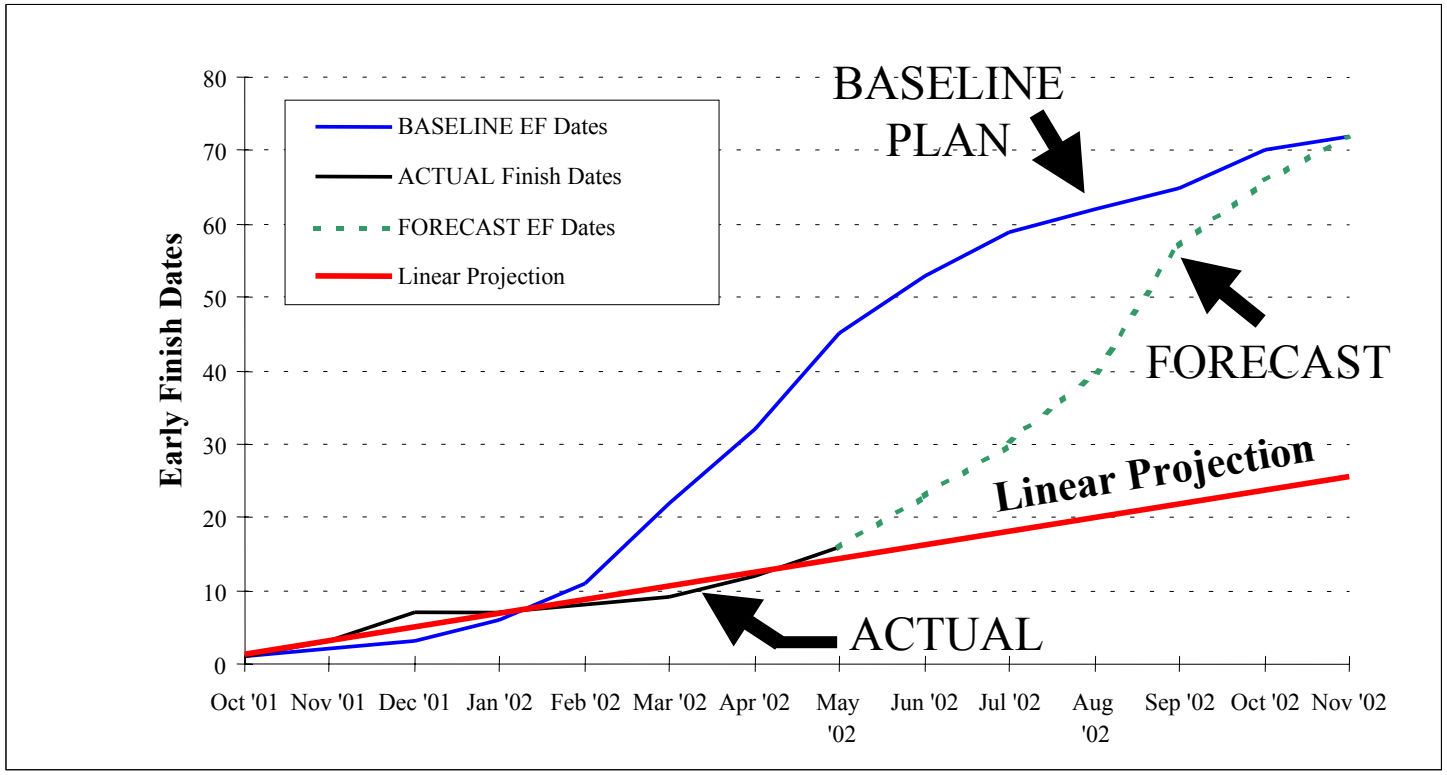
Slack Trend With Thresholds



Linear Projection of "Actuals"

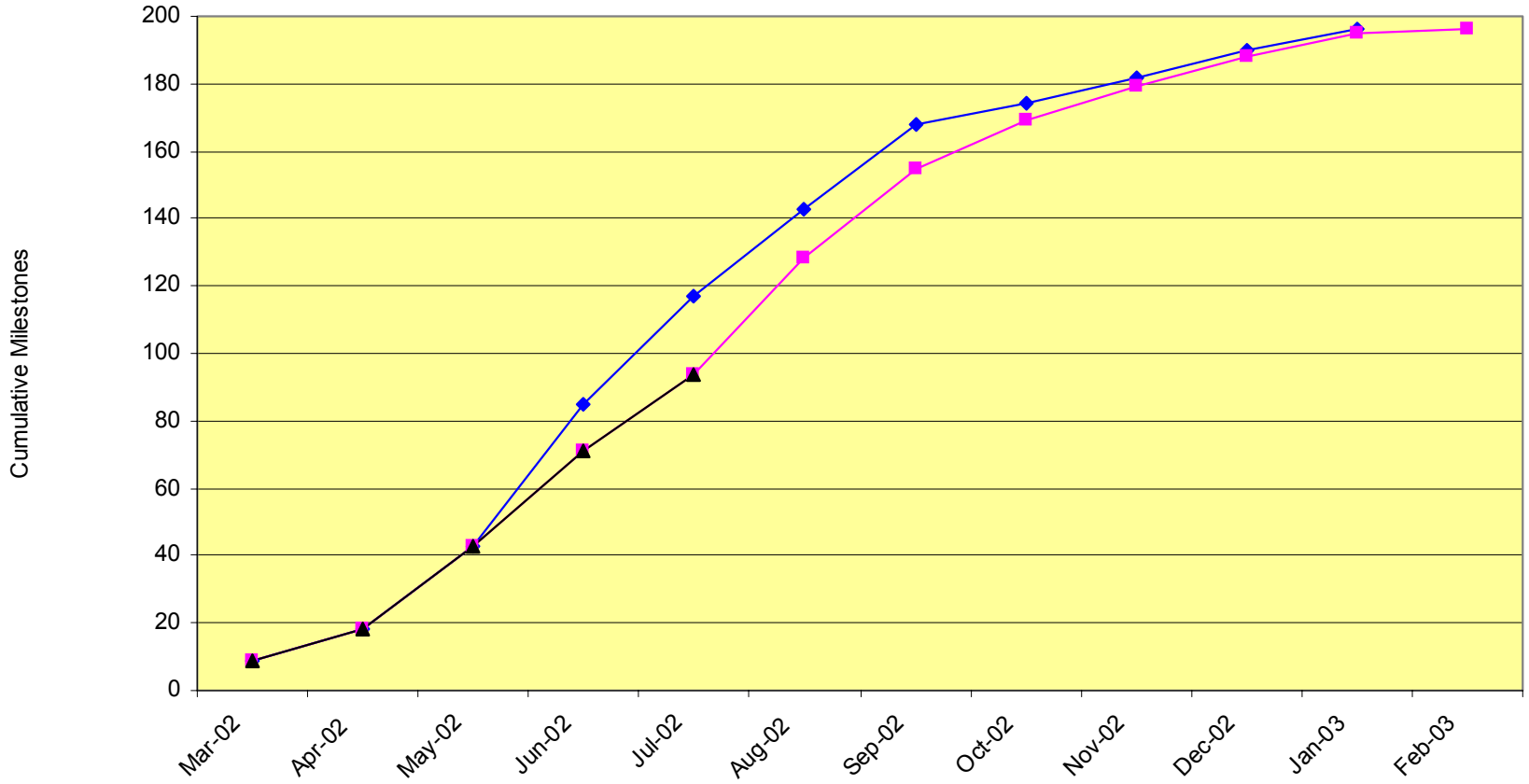
NBT Project "Early Finish" Date Schedule Performance

As of May 30, 2002



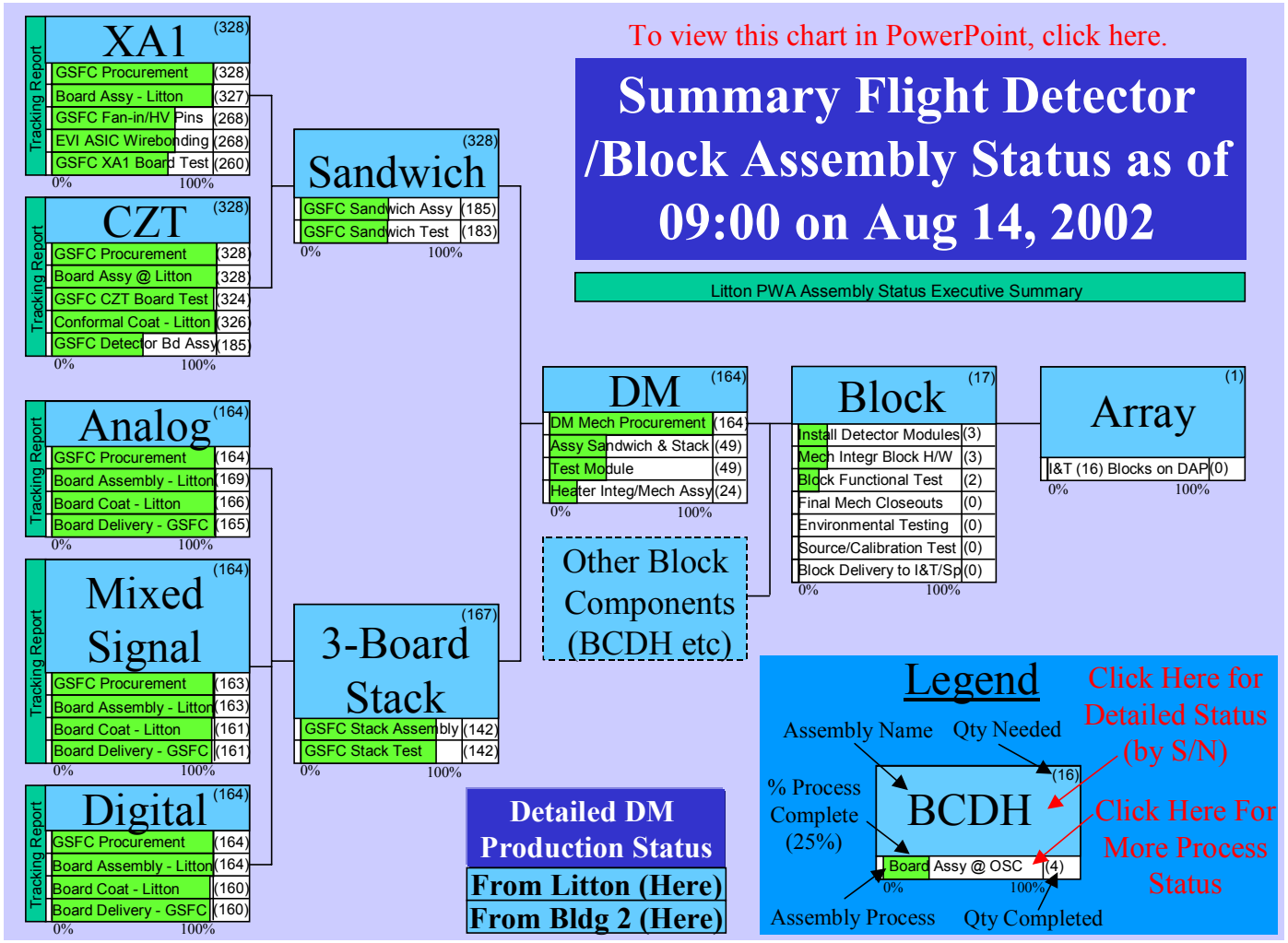
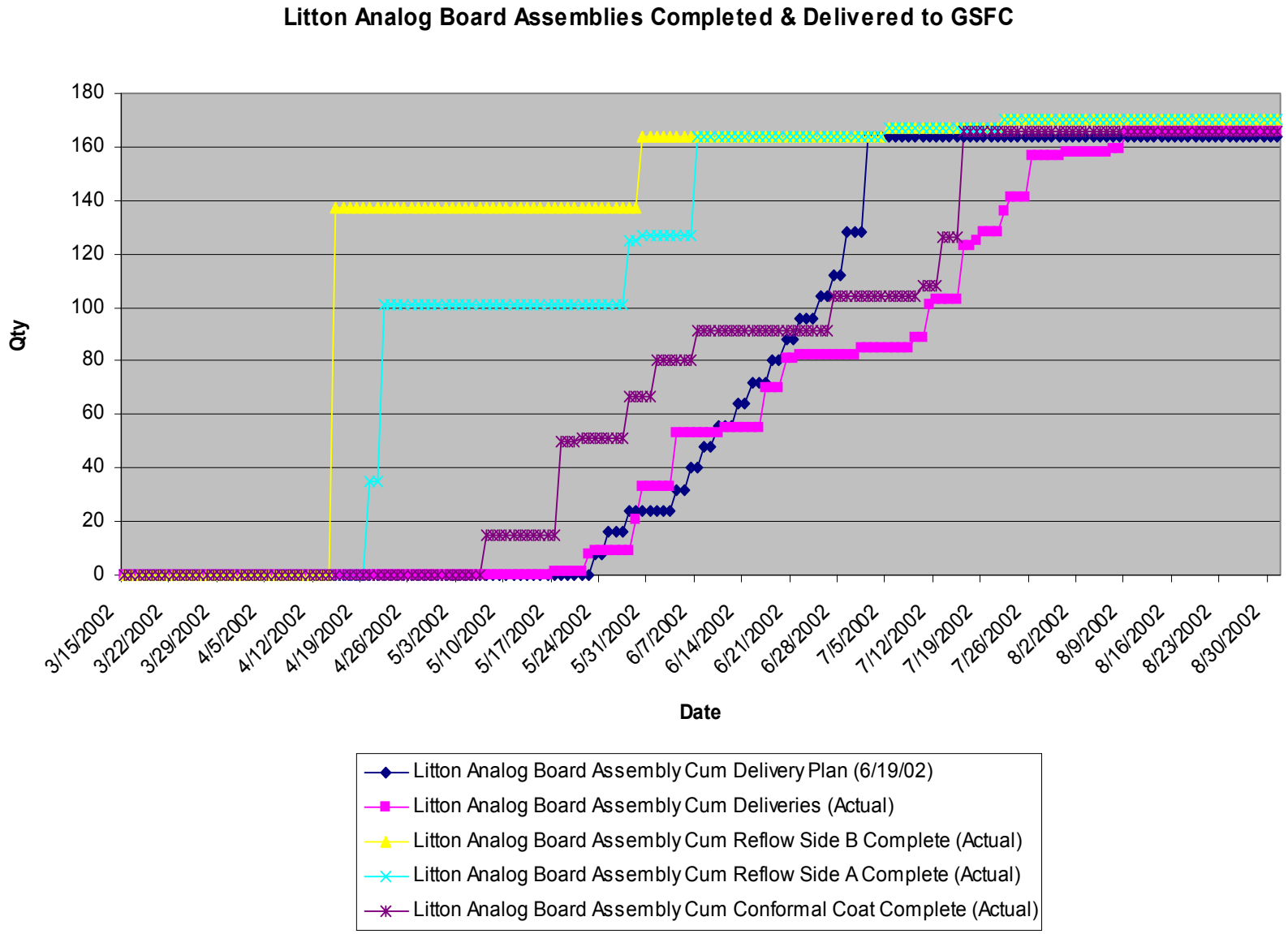
	Oct '01	Nov '01	Dec '01	Jan '02	Feb '02	Mar '02	Apr '02	May '02	Jun '02	Jul '02	Aug '02	Sep '02	Oct '02	Nov '02
CUM Baseline	1	2	3	6	11	22	32	45	53	59	62	65	70	72
CUM Actual	1	3	7	7	8	9	12	16						
CUM Forecast									23	30	40	57	66	72

BAT Major Milestones (Cum.)



	Mar-02	Apr-02	May-02	Jun-02	Jul-02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03
Baseline Cum	9	18	43	85	117	143	168	174	182	190	196	
Cum by Month	9	18	43	71	94	128	155	169	179	188	195	196
Cum Actuals	9	18	43	71	94							

Production Metrics for BAT Detector Modules (rate production)



Plan Vs. Actual Board Deliveries