NASA

On The Fastrack

A little IT Humor

Bill Holbrook





Track Preference: Windows of Opportunity

Presentation Title: IT Project Success w\7120 & 7123 NPRs to achieve project success

Tina L. Walley

Outline



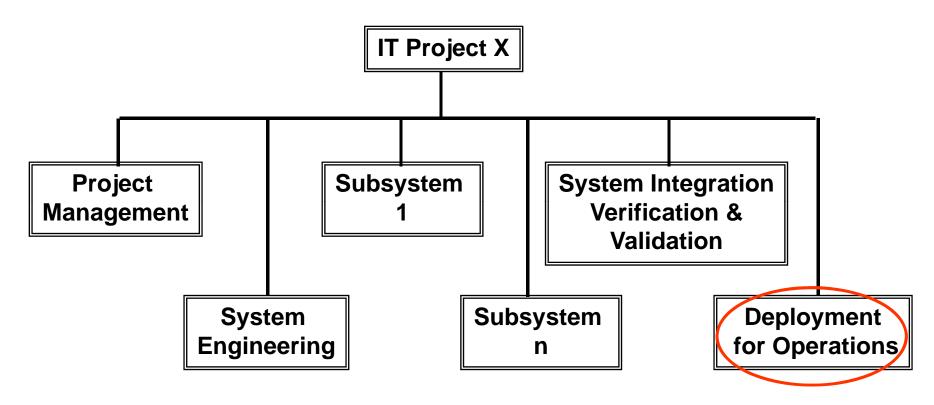
- Lifecycles
- Work Breakdown Structures (WBS)
- Work Products
- Stakeholder Outreach
- Timeline vs Schedules
- IT Project: NASA Consolidated Active Directory (NCAD)



Infrastructure IT Project Lifecycle - 7120.7

NASA Life-Cycle	F	ormulation	Арр	roval	Imple	ementation	
Phases	Initia	ation	Acquisition &	Development	Operations	Sunset	
Project Life-Cycle Phases	Pre-Phase A: Concept Studies	Phase A: Concept & Technology Development	Phase B: Preliminary Design & Technology Completion	Phase C: Final Design & Build	Phase D: System Assembly Integration & Test	Phase E: Deployment Operations Sustainment	Phase F: Decommissioning
Key Decision Points (KDP)	KD	Р-а КО	Р-в ко	7 5	Р-О КО	Р-е ко	Р-F
Project Reviews	System Concept Review (SCR)	System Requirements Review (SRR)	Preliminary Design Review (PDR)	Critical Design Review (CDR)	C Test Readiness Review (TRR) Operational Readiness Review (ORR)	Project Completion Review (PCR)	Decommissioning Review (DR)
Enterprise Architecture Reviews & Requirements NPR 2820		EA Project Review (EAPR)				EA Service Review (EASR)	
IT Security/System Certification & Accreditation Reviews & Requirements NPR 2810		Information/ System Security Categorization	C Risk Assessment		Certification of Security Controls Security Accreditation Decision	Annual Self-Assessment of Controls	
Records Management & Privacy Reviews NPR 1382		Information Assessment					

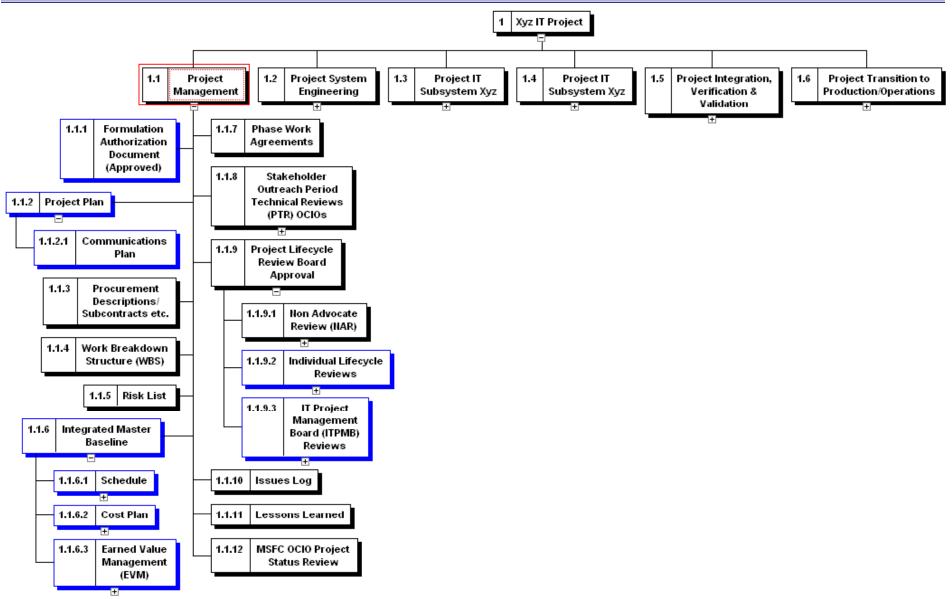




Fundamental and very similar to 7123

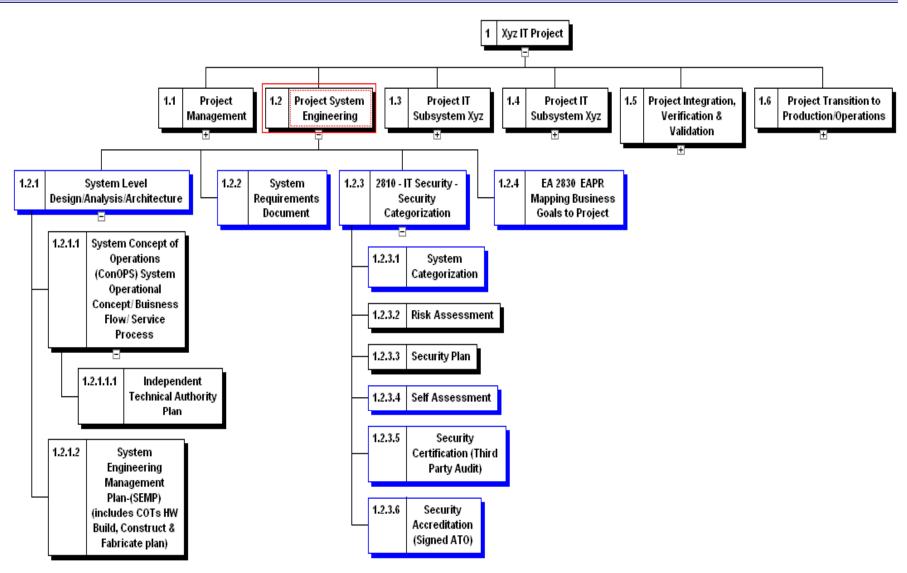


WBS 1.1 Project Management



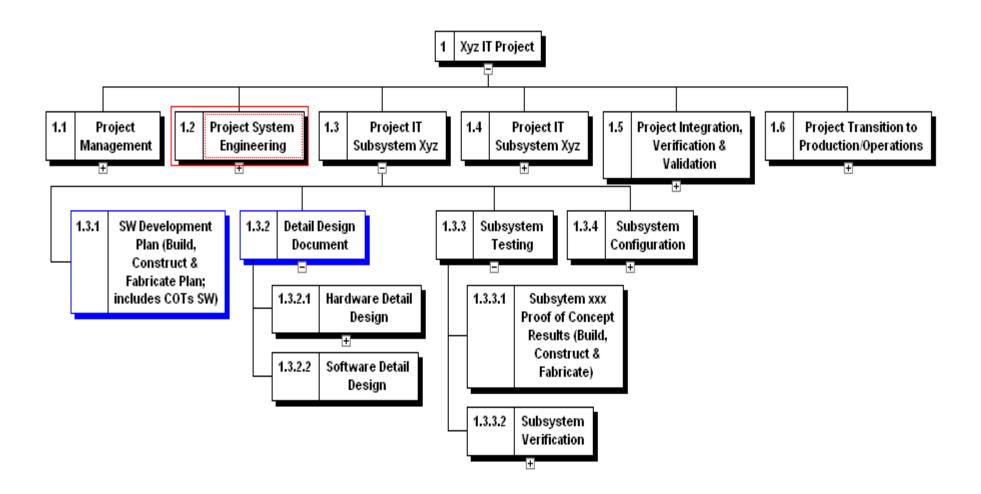


WBS 1.2 Project System Engineering



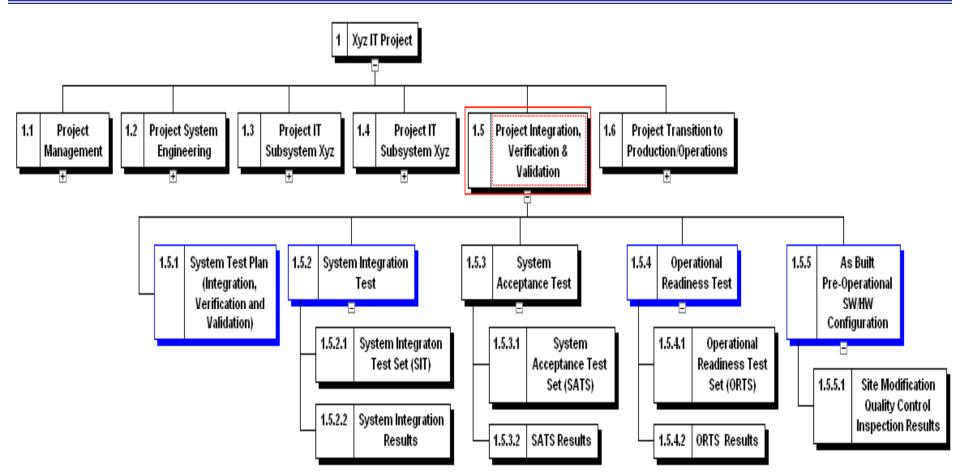


WBS 1.3/1.4 Project IT Subsystem n



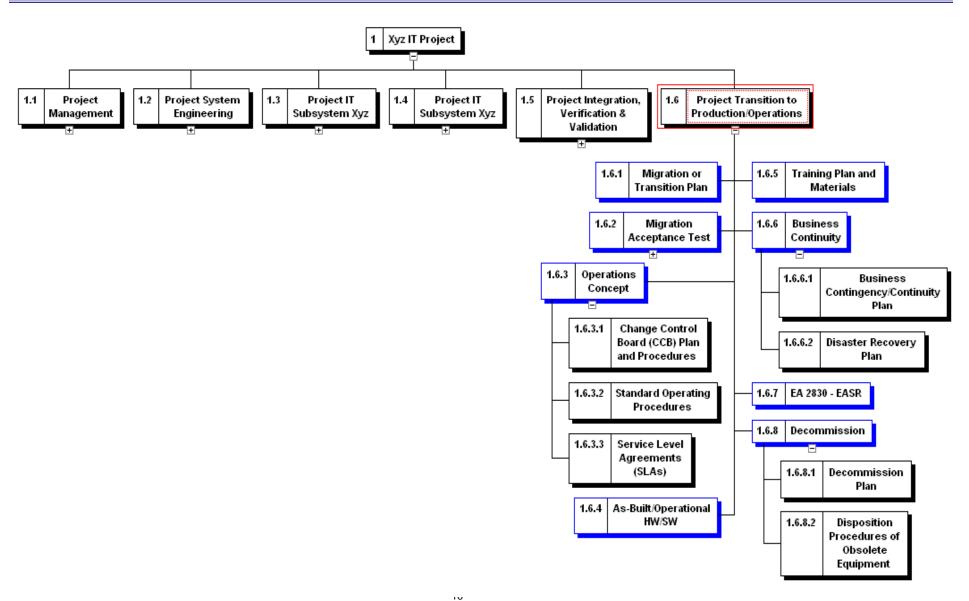


WBS 1.5 Project Integration Verification & Validation





WBS 1.6 Project Transition to Production Operations





Work Products

WBS Element	Generic Work Products	
Project Mgmt	 Formulation Authorization Document (FAD) Project Plan Project Cost Structure Project Schedule OMB - Independent Validation for Reasonableness (IVR) Template OMB Integrated Baseline Review (EVM) (e.g. cost/schedule) 	 Procurement Descriptions/Subcontracts etc. Project Lifecycle Review Board Report Review Presentations Customer Outreach - Periodic Technical Reviews (PTR) – ClOs Customer Outreach - Periodic Technical Reviews (PTR) – Programs/Key Customers Lessons Learned
System Engr	 System Concept of Operations (ConOPS) System Operational Concept/ Business Flow/ Service Process Independent Technical Authority Plan System Engineering Management Plan-(SEMP) (includes COTs HW Build, Construct & Fabricate plan) System Requirements Document EA 2830 EAPR Mapping Business Goals to Project 	 System Security Categorization Risk Assessment Security Plan Self Assessment Security Certification (Third Party Audit) Security Accreditation (Signed ATO)

Project Plan sets the foundation -Scope Statement, WBS, Work Products, Stakeholder, Timeline



Work Products

WBS Element	Generic Work Products	
Subsystem n	 SW Development Plan (Build, Construct & Fabricate Plan; includes COTs SW) System Level Design/Analysis/Architecture Detail Design Document Site Survey/Analysis 	 Subsystem xxx Proof of Concept Results (Build, Construct & Fabricate) As-Built/To Be Deployed HW/SW Configuration Documentation
System IV&V	 System Test Plan (Proof of Concept, Integration, Verification and Validation) System Integration Test Set (SIT) System Integration Results System Acceptance Test Set (SATS) SATS Results 	 Operational Readiness Test Set (ORTS) ORTS Results Site Modification Quality Control Inspection Results
Deployment & Operations	 Migration or Transition Plan (Post ORR preparation) Migration Acceptance Test Set (MATS) (A/R) MATS Results (A/R) Change Control Board (CCB) Plan and Procedures Standard Operating Procedures Service Level Agreements (SLAs) As-Built/Operational HW/SW (Configuration Documentation) 	 Training Plan and Materials Business Contingency/Continuity Plan Disaster Recovery Plan EA 2830 - EASR Presentation Assess effectiveness of service implementation to business goals Decommission Plan Disposition Procedures of Obsolete Equipment

Project Plan sets the foundation -Scope Statement, WBS, Work Products, Stakeholder, Timeline



Time Phased Work Products

	Formulation			I			
	Pre-Phase A	Phase A	Phase B	Phase C	Phase D	Phase E	Phase F
	KDP A	KDP B	KDP C	KDP D	KDP E	KDP F	n/a
Project Work Products	SCR	SRR/SDR	PDR	CDR	SIR/SAR/ORR	PCR	DR
Project Plan	Draft	Prelim	Baseline	Update	Update	Update	
Project Cost Structure	Draft	Prelim	Baseline	Update	Update	Update	
Project Schedule	Draft	Prelim	Baseline	Update	Update	Update	
OMB - Independent Validation for Reasonableness (IVR) Template	Final						
OMB Integrated Baseline Review (EVM) (e.g. cost/schedule)	Draft	Preliminary	Baseline	Update	Update	Update	
Communications Plan		Draft	Preliminary	Baseline	Update		
Procurement Descriptions/Subcontracts etc.		Draft	Preliminary	Baseline			
Project Lifecycle Review Board Report	Final	Final	Final	Final	Final	Final	
Review Presentations	Final	Final	Final	Final	Final	Final	Final
Customer Outreach - Periodic Technical Reviews (PTR) - OCIOs	A/R	A/R	A/R	A/R	A/R	A/R	
Customer Outreach - Periodic Technical Reviews (PTR) -							
Programs/Key Customers	A/R	A/R	A/R	A/R	A/R	A/R	
Lessons Learned		Baseline	Baseline	Baseline	Baseline	Final	

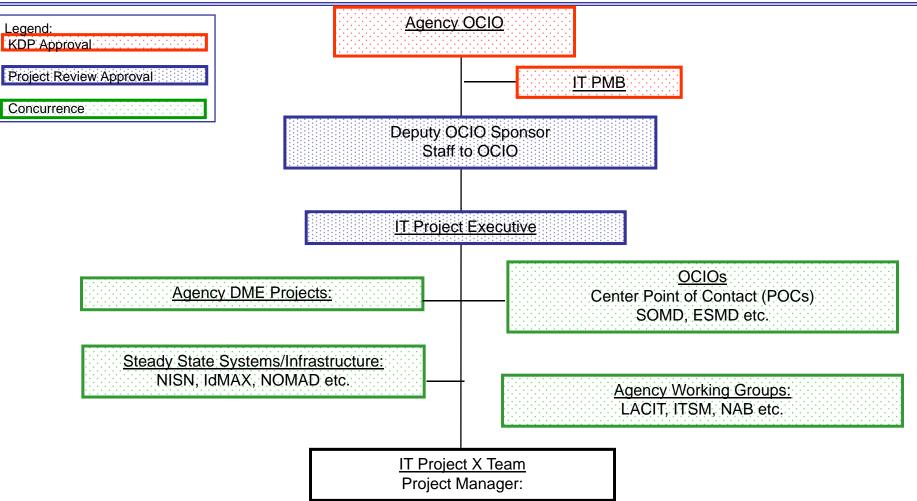


Time Phased Work Products

	Formulation			Implementation			•
	Pre-Phase A	Phase A	Phase B	Phase C	Phase D	Phase E	Phase F
	KDP A	KDP B	KDP C	KDP D	KDP E	KDP F	n/a
Project Work Products	SCR	SRR/SDR	PDR	CDR	SIR/SAR/ORR	PCR	DR
System Concept	Preliminary	Baseline					
Independent Technical Authority Plan	Draft	Preliminary	Baseline				
System Requirements Document	Draft	Preliminary	Baseline				
System Operational Concept/ Buisness Flow/ Service Process	Draft	Preliminary	Baseline				
System Engineering Plan- (includes COTs HW Build, Construct &							
Fabricate plan)		Draft	Preliminary	Baseline			
SW Development Plan (Build, Construct & Fabricate Plan; includes							
COTs SW)		Draft	Preliminary	Baseline			
System Level Design/Analysis/Architecture		Draft	Preliminary	Baseline			
Detail Design Document		Draft	Preliminary	Baseline			
System Test Plan (Proof of Concept, Integration, Verification and			,				
Validation)		Draft	Preliminary	Baseline			
Site Survey/Analysis		Draft	Preliminary	Baseline			
Training Plan and Materials		Draft	Preliminary	Baseline	Update		
Standard Operations Procedures Handbook			Draft	Preliminary	Baseline (ORR)		
COOP and Disaster Recovery Plan			Draft	Preliminary	Baseline (ORR)		
Site Modification Quality Control Inspection Results					Final (SAR)	-	
					· · ·		-
Subsytem xxx Proof of Concept Results (Build, Construct & Fabricate)					Final (pre-SIR)		
System Integration Results					Final(SIR)		
System Acceptance Test Set (SATS)			Draft	Preliminary	Baseline(SIR)		
SATS Results					Final (SAR)		
As-Built/To Be Deployed HW/SW Configuration Documentation			Draft	Preliminary	Baseline(ORR)		
Operational Readiness Test Set (ORTS)			Draft	Preliminary	Baseline(SAR)		
ORTS Results					Final (ORR)		
EA 2830 EAPR Mapping Business Goals to Project		Baseline					
EA 2830 - EASR Assess effectiveness of service implementation to							
business goals				Baseline			
2810 - IT Security - Security Categorization		Draft	Preliminary	Baseline			
2810 - IT Security -Risk Assessment		Draft	Preliminary	Baseline			1
2810 - IT Security - Security Plan		Draft	Preliminary	Baseline			1
2810 - IT Security - Self Assessment Report		Draft	Preliminary	Baseline			1
2810 - IT Security - Third Party Assement Report					Final(pre-ORR)		1
2810 - IT Security - Accreditation Package					Final (pre-ORR)		+
zoro - ni Security - Accreanation Package					Preliminary (SAR)		+
Transition Acceptance Test Set (TATS) (A/R)				Draft	Baseline(ORR)		
TATS Results (A/R)				Dian	Dascine(OKK)	Final	+
					Draft (SAR)	i illai	1
Decommission Plan					Preliminary (ORR)		Baseline
					Draft (SAR)		Daseiiiie
Inventory of obsolete equipment to Decommission					Preliminary (ORR)		Baseline
					Draft (SAR)		Daseiiiie
Disposition Plan for obsolete Equipment					Preliminary (ORR)		Baseline
					Freiminary (ORR)		Daseiine



Stakeholders



Project Plan sets the foundation; Stakeholders



Timeline vs. Schedules

					F۱	(09					_	FY10
Oct	Nov	Dec	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct
		Project X										
		Појсоги										
SCR	SRR			PDR		CDR	SIR	SAR	ORF	R		PCR
UUIN	UNIX			TDR		ODK	UIIX	UAIN	UNI	N		

Timeline – Cartoon - Part of your Project Plan

ask Name				
	4006 1007 2007 3007 4007	1008 2008 3008 4008 1009 2009	3Q09 4Q09 1Q10 2Q10	
Project Reviews			12/10/05	
System Concept Review - n/a part of ADWG - (User)	♦ 1/1/07			Schedule –
System Requirements Review (SRR)/ System Definition Review (SDR) -n/a p	♦ 1/1/07			
Preliminary Design Review (PDR) - (User)	1/25/07 4/19/07			Activities linked
Critical Design Review (CDR) - (User)	9/28/0	1		together with
Delta CDR (DCDR1) - Users /WS (note PDR for all other Res)		1/10/08		U U
SMAD CDR- Users /WS		6/13/08		predecessors and
System Integration Review (Peer Review Only) (SIR1) (Users /WS) (T1)		♦ 2/26/08		successors.
SMAD SIR (Peer Review Only)(Users / WS) (T1)		6/24/08		
System Acceptance Review (SAR1) (Users /WS) (T1)		6/5/08		
Operational Readiness Review (ORR1) - Systems (Users /WS) (T1)		7/21/08		
Smartcard Enabled - Begin End to End Event		♦ 12/19/08		
Delta CDR2 Executive (DCDR2)- (Macs/Users/Res) (T2)		♦ 9/29/08		
System Integration Review 2 (Peer Review Only) (SIR2) - (Macs/Users/Res)		10/27/08		
System Acceptance Review 2 Executive (SAR2) - (Macs/Users/Res) (T2)		♦ 1/14/09		
Operational Readiness Review 2 Executive (ORR2) Executive - (Macs/Users		♦ 2/26/09		
Migrations		9/11/08	11/30/09	
Project Completion Review (PCR)			♠ 12/18/09	



Schedule 7120.7-Outline

ID	Task Name									1				
10		2006	01-0		4 01-0	2008	01-0	01-4	01-0	2010	01-0	OL: 4	ol: a	2012
0	HASA NCAD Migration Schoolulo	Qtr 1	Qtr 3 1/1/07		1 Qtr3	Qtr 1	Qtr 3	Qtr 1	Qtr 3	Qtr 1 () 1/14	Qtr3	Qtr 1	Qtr 3	Qtr 1
0	HASA NCAD Migration Schedule			¥						V				
1	NASA Consolidated Active Directory (NCAD) Project		1/1/07							1/14/				
2	Executive Summary		1/1/07							12/31	09			
3	Schedule Start Date			♦ 1/1	/07									
4	Project Reviews		1/1/07							12/31	09			
101	Key Activities/Tracking Milestones		1/1/07			-			9/2	2/09				
248	Work Products (Deliverables)		1/1/07							1/14/	10			
715	FORMULATION Scheduled Tasks/Activities		1/1/07		7/1	1/07								
751	IMPLEMENTATION Scheduled Tasks/Activities e.g. not milestones		4/	9/07	, —					1/14/	10			
752	PHASE C: Final Design & Build		4/*	9/07		10/17/07								
881	PHASE C: Delta Final Design & Build (Users / WS) (T1)			10	23/07 🛡	1/16	08							
1033	PHASE C: SMAD Final Design & Build (Users / WS) (T1)				1/16/08		6/18/0	8						
1104	PHASE C: DeltaCDR2 Final Design & Build (Macs/Users/Res) (T2)				4/	5/08		0/9/08						
1430	PHASE D: System Assembly Integration & Test (Users / WS) (T1)		4/2	20/07				11/4/08						
1965	PHASE D: System Assembly Integration & Test (Macs/Users/Res) (T2)					7/9/08	-	3/	16/09					
2252	PHASE E: Deployment, Operations and Sustainment					5/5/08 🛡				— 1/14/	10			
4051	PHASE F: Decommissioning - n/a									1/11 /	10			



• NASA Agency Forest (NAF)

- Single Agency forest for users, workstations and resources
- Distributed to all Centers for high availability
- All users, workstations and resources have the 'same' directory
 - Purposes for NAF domain controllers
 - Authentication
 - MSFC NDC & JSD NDC (NAF Replication Hub)
 - Distributed to each Center: Remote NAF (RNAF)
 - Enterprise Application Specific
 - NOMAD: NAF NOMAD and CBACS: NAF CBACS

• Active Directory Management System (ADMS)

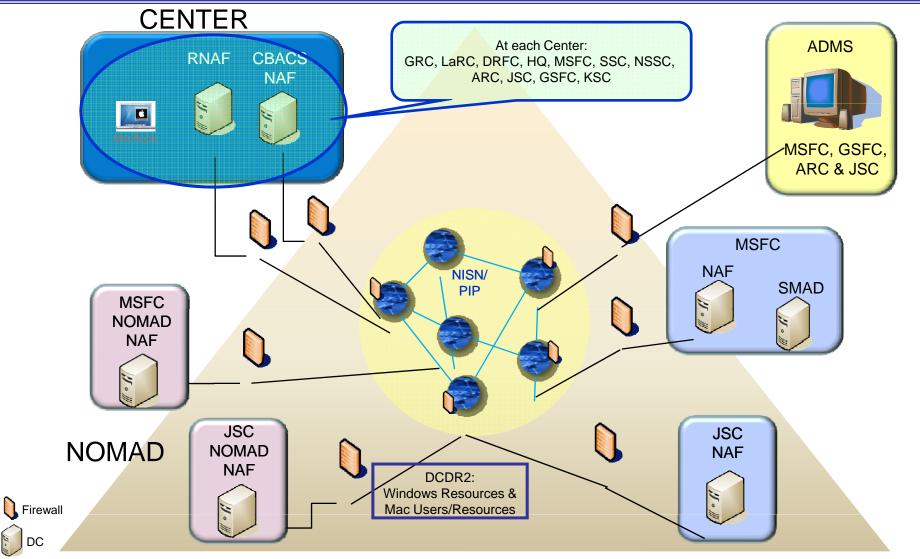
- NAF administrative management
- Located at four centers for high availability
 - MSFC, JSC, GSFC and ARC

User Benefit – Step toward Single Sign On



11 - 11

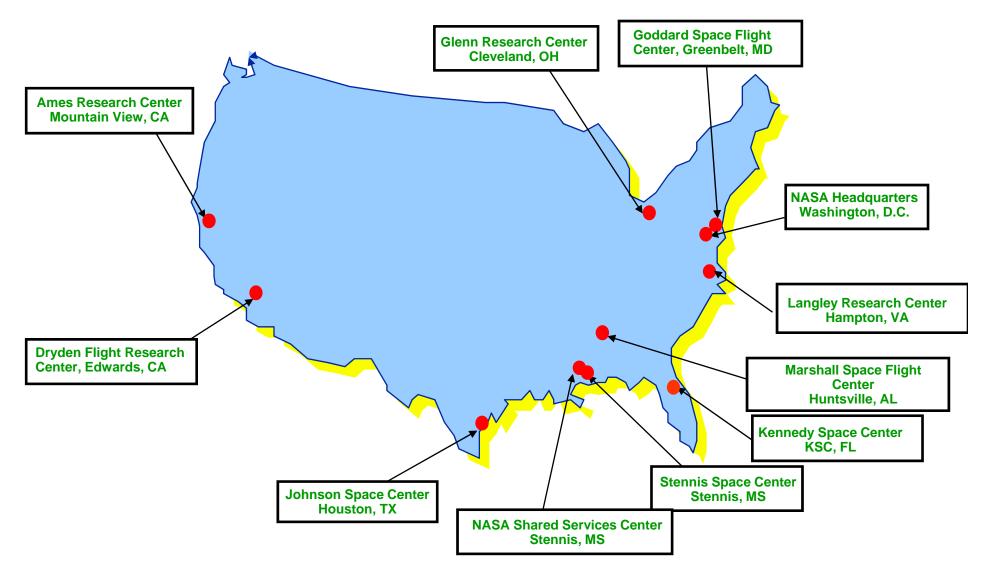
Project Overview





Eleven (11) NAF Sites

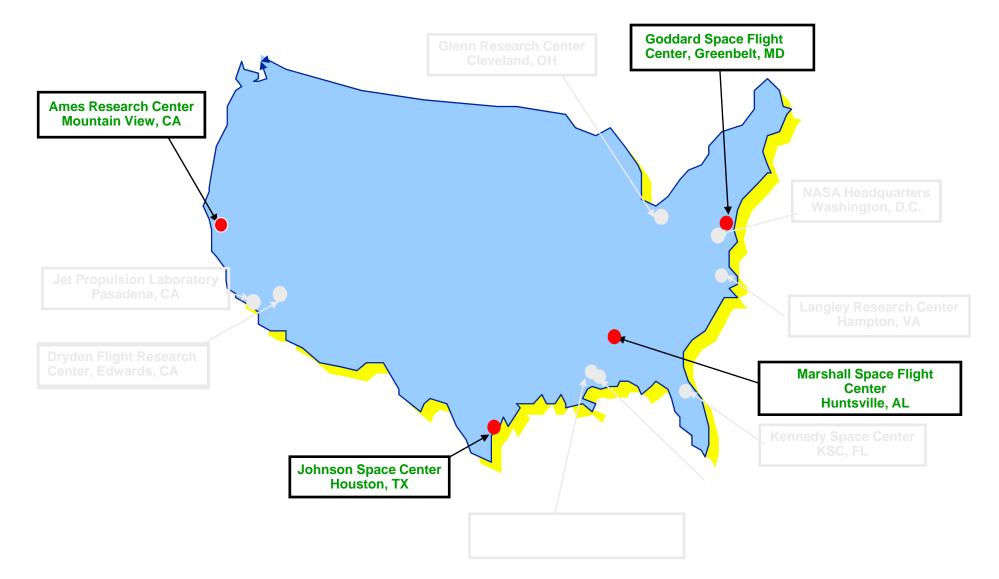
NAF collocated at each Center





Four (4) ADMS Sites

Available to all NAF Administrators





MSFC IT Project Lifecycle

System		Formulation	Арр	roval	Implementati	on	
Development		Pre-System Acquisition		Preliminar		Operations	Decommissioning
Lifecycle Phases	Concept Studies	Concept & Technology	Preliminary Design 8 Technology	Final Design & Build	System Assembly, Integration & Test	Deployment, Ops & Sustainment	Decommissioning
	Dra Dhaaa A	Development	Completion	Dhase C	Dhase D		
Key Decision Points (KDP)	Pre-Phase A	Phase A	Phase B	Phase C	Phase D	Phase E	Phase F
	KDI	Р-А КО			DP-D K	DP-E	KDP - F
Project Reviewe	7120.7		PDR	\bigtriangleup		PCR	
	7123	SRR/S	DR PDR			PCR MR****	DR
EA 2830.1	2830	EAPR				A EASR *	***
IT Security Certification & Accreditation	2810 PRA/PSSC	ssc	RA	SP & SA	SC ATO	CM & ASAC TRA&A	
MSFC IT Projects	SCR		PDR I	VAR CDF Agile Iterations equire multiple of reviews (S	Release	PCR	DR

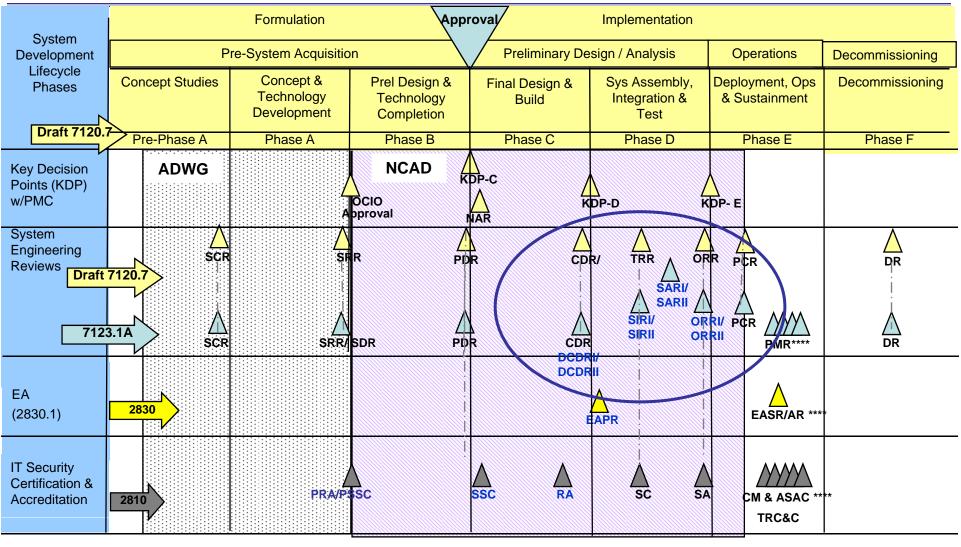
See notes for legend







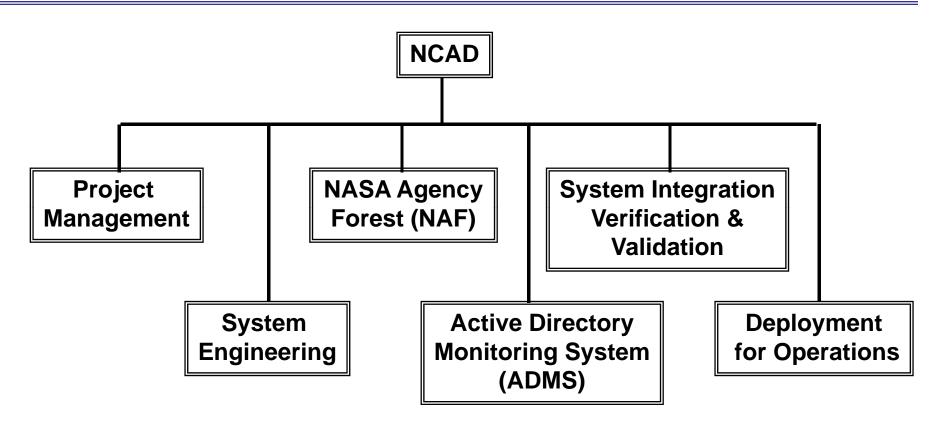
NCAD Project Life Cycle - Iterations



Project Management is not "cookbook"



IT Project: NCAD WBS



WBS fundamental to making sure you get "it" all done

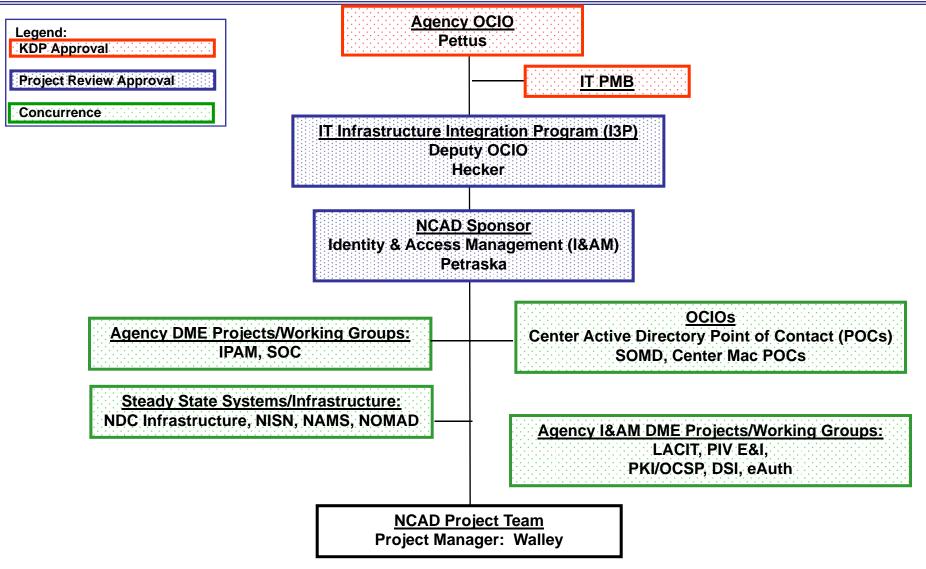


Mandy/Beth/John Project: NCAD Work Products

WBS Element	Work Products
Project Mgmt	Project Plan w/ Communications Plan, Project Schedule, Project Cost, Project Review Presentations
System Engr	Requirements Document, Deviations, System Security Classification, Risk Assessment, Security Plan, Security Assessment, Security Certification, Authority To Operate
NAF	Design Document, Hardware, Software, Configuration Document
System IV&V	System Test Plan, System Acceptance Test (SATS), Operational Readiness Test (ORTS)
Deployment & Operations	Migration Acceptance Test (MATS), Migration Readiness Checklist, Standard Operating Procedures



IT Project: NCAD Stakeholders





IT Project: NCAD Schedule

ID	Task Name	2006					2008				2010				2012
		Qtr 1	Qtr 3	3 Qt	r1	Qtr 3	Qtr 1	Qtr 3	Qtr 1	Qtr 3	Qtr 1	Qtr 3	Qtr 1	Qtr 3	Qtr 1
0	NASA NCAD Migration Schedule		1/1/07	∇							1/14/	10			
1	NASA Consolidated Active Directory (NCAD) Project		1/1/07								1/14/	10			
2	Executive Summary		1/1/07								🛡 12/31.	09			
3	Schedule Start Date			(1	1/07										
4	Project Reviews		1/1/07		-	_		_		_	🛡 12/31.	09			
101	Key Activities/Tracking Milestones		1/1/07		-					9/	2/09				
248	Work Products (Deliverables)		1/1/07		-	_		_			1/14/	10			
715	FORMULATION Scheduled Tasks/Activities		1/1/07			7/11/0	7								
751	IMPLEMENTATION Scheduled Tasks/Activities e.g. not milestones		4/	19/07			:				1/14/	10			
752	PHASE C: Final Design & Build		4/	19/07			0/17/07								
881	PHASE C: Delta Final Design & Build (Users / WS) (T1)			1	0/23/0		— 1/16/	08							
1033	PHASE C: SMAD Final Design & Build (Users / WS) (T1)				1	16/08		6/18/0)8						
1104	PHASE C: DeltaCDR2 Final Design & Build (Macs/Users/Res) (T2)					4/15	08 🛡		10/9/08						
1430	PHASE D: System Assembly Integration & Test (Users / WS) (T1)		4/	20/07			:		11/4/08						
1965	PHASE D: System Assembly Integration & Test (Macs/Users/Res) (T2)						7/9/08	-	3	/16/09					
2252						5/	5/08 🛡	_			1/14/	10			
4051	PHASE F: Decommissioning - n/a										🍦 1/11/	10			



IT Project: NCAD Schedule Executive (MSProject)

sk Name																				
	3Q05	4Q05	1Q06	2Q06	3Q06	4Q06	1Q07	2Q07	3Q07	4Q07	1Q08	2Q08	3008	4Q08	1Q09	2Q09	3Q09	4Q09	1Q10	20
Project Reviews						1/1/07	İ												12/18/	09
System Concept Review - n/a part of ADWG - (User)					✓		<u></u>	n T												<u> </u>
System Requirements Review (SRR)/ System Definition Review (SDR) -n/a p						Y .	🄶 1/1/	70												
Preliminary Design Review (PDR) - (User)					✓.	1/25/01		4	19/07											-
Critical Design Review (CDR) - (User)									/ .	9 /28/	07									-
Delta CDR (DCDR1) - Users /WS (note PDR for all other Res)										V	1 /1	0/08								-
SMAD CDR- Users /WS											√.	•	6/13/0	8						<u> </u>
System Integration Review (Peer Review Only) (SIR1) (Users /WS) (T1)											√.♦	2/26/08								Ť
SMAD SIR (Peer Review Only)(Users /WS) (T1)												√. (6/24/	08						-
System Acceptance Review (SAR1) (Users /WS) (T1)												√.≬	6/5/08							-
Operational Readiness Review (ORR1) - Systems (Users /WS) (T1)												~	♦ 7/2	21/08						-
Smartcard Enabled - Begin End to End Event														•	12/19/0	8				-
Delta CDR2 Executive (DCDR2)- (Macs/Users/Res) (T2)													×.♦	29/08						-
System Integration Review 2 (Peer Review Only) (SIR2) - (Macs/Users/Res))												√. ♦	10/27	08					-
System Acceptance Review 2 Executive (SAR2) - (Macs/Users/Res) (T2)													-	. 🔶	1/14/09					F
Operational Readiness Review 2 Executive (ORR2) Executive - (Macs/Users	:													✓.	♦ 2/26	/09				-
Migrations												9/	1/08	·	-		: !		11/30/0	9
Project Completion Review (PCR)																		♦ 12/1	8/09	-



NCAD Schedule – Migrations (MSProject)

ask Name										
	1Q08	2008 3008	4Q08	1Q09	2Q09	3Q09	4Q09	1Q10	2Q10	3Q10
Migrations		9/16/08 q						11/30/0	09	
Windows Users / Windows WS (T1 Migrations)		9/16/08 🗨		-		-	9/24/	09		
 ✓. GRC Migrations (Windows Users/Windows WS) (T1) 		9/16/08 🗨		0/29/08						
✓. HQ Migrations (Windows Users/Windows WS) (T1)		12/1	12/08 🖷		2/12/09					
 DRFC Migrations (Windows Users/Windows WS) (T1) 			1/6/09	<u>çan</u> (2/13/09					
 MSFC Migrations (Windows Users/Windows WS) (T1) 			1/23/09		\$ 4/2/0)9				
 ARC Migrations (Windows Users/Windows WS) (T1) 			2/6/0	9	3/12/0	9				Ī
 NSSC Migrations (Windows Users/Windows WS) (T1) 			2/20	/09 🛒	3/13/0	9				Ī
SSC Migrations (Windows Users/Windows WS) (T1)	<u> </u>		3	27/09	i terre 4/	30/09				l
LaRC Migrations (Windows Users/Windows WS) (T1)					8/11/0	09 🖵	9/24/	09		
Mac Users/ Mac WS / Res (T2)				4/1/09	ψ –	:		11/30/0	09	
GRC Migrations (Mac Users/ Mac WS / Res) (T2)	<u> </u>			4/1/09	<u> </u>	5/20/09				
MSFC Migrations (Mac Users/ Mac WS / Res) (T2)	<u> </u>			5/13/	09 🖵	7/1	7/09			
HQ Migrations (Mac Users/ Mac WS / Res) (T2)					7/6/09		8/13/09			
ARC Migrations (Mac Users/ Mac WS / Res) (T2)					8/12/0	9	9/24/	09		
DRFC Migrations (Mac Users/ Mac WS / Res) (T2)	<u> </u>				8/26	/09 🛡	학 10/1	/09		
NSSC Migrations (Mac Users/ Mac WS / Res) (T2)					9/3	3/09 🛡	9/25/	/09		
SSC Migrations (Mac Users/ Mac WS / Res) (T2)					9/	21/09 0		11/13/09)	
LaRC Migrations (Mac Users/ Mac WS / Res) (T2)	<u> </u>				1	0/15/09		11/30/0	09	
Users / WS / Res (T1/T2 Migrations)	<u> </u>			4/1/09	¢—	:	10)/28/09		
JSC Migrations (Windows Users/Windows WS) (T1)				4/1/09	÷—		30/09			
JSC Migrations (Mac Users/Mac WS/ Res) (T2)				4/23/09		i t	30/09			
KSC Migrations (Windows Users/Windows WS) (T1)				4/15/09			9/11/0	9		
KSC Migrations (Mac Users/Mac WS/ Res) (T2)	<u> </u>			6/	5/09 🛡		9/11/0	9		
GSFC Migrations (Windows Users/Windows WS) (T1)				5/1/0	9 🗩		3/12/09			
GSFC Migrations (Mac Users/Mac WS/ Res) (T2)	<u> </u>				7/22/09		10	/28/09		
OU Restructure and EA OU	<u> </u>			6/	16/09 🛒			- 11/30/0	09	



Schedule 7123 – Work Product Deliverables

D	Task Name	2006 2008 2010
		Qtr1 Qtr3 Qtr1 Qtr3 Qtr1 Qtr3 Qtr1 Qtr3 Qtr1 Qtr3 Qtr1 Qtr3 Qtr1
248	Work Products (Deliverables)	1/1/07
249	SCR - Work Products Completed n/a part of the ADWG	♦ 1/1/07
250	SRR/SDR - Work Products Completed n/a part of the ADWG	
273	PDR - Work Products Completed	1/1/07 6/15/07
302	CDR - Work Products Completed	4/18/07 10/17/07
345	Delta CDR - Work Products Completed (Users / WS) (T1)	5/28/07 1/16/08
346	Work Agreements for next phase - JP Decision	5/28/07 10/16/07
347	DCDR IT Security Documentation (2810)	12/11/07 🖤 12/17/07
352	DCDR BL Detail Design Document	12/17/07 🕎 12/20/07
355	Update BL System Test Plan (Integration, Verification and Validation)	♦ 12/6/07
356	Update Draft Training Plan and Materials	12/12/07
357	Update Draft Operations Concept	♦ 12/11/07
358	Update Draft Migration and AADI Standard Operations Procedures	♦ 12/19/07
359	Update Draft Business Continuity Plan and Disaster Recovery Plan	♦ 12/11/07
360	Update DCDR Preliminary System Acceptance Test Set (SATS)	12/3/07 😈 12/10/07
366	Update DCDR Draft Operational Readiness Test Set (ORTS)	11/28/07 🕎 12/10/07



Schedule 7120.7 – Implementation Phases

ID	Task Name	2006 2008 2010
754	IMPLEMENTATION Cohodulari Tacko (Activitian organisticatorian	Qtr1 Qtr3 Qtr1
751	IMPLEMENTATION Scheduled Tasks/Activities e.g. not milestones	
752	PHASE C: Final Design & Build	4/19/07
881	PHASE C: Delta Final Design & Build (Users / WS) (T1)	10/23/07
1033	PHASE C: SMAD Final Design & Build (Users / WS) (T1)	1/16/08 6/18/08
1104	PHASE C: DeltaCDR2 Final Design & Build (Macs/Users/Res) (T2)	4/15/08 10/9/08
1430	PHASE D: System Assembly Integration & Test (Users / WS) (T1)	4/20/07
1965	PHASE D: System Assembly Integration & Test (Macs/Users/Res) (T2)	7/9/08 3/16/09
1966	Perform DCDR2 to SIR2 Activities (Macs/Users/Res) (T2)	7/9/08 12/30/08
2026	System Integration Review (SIR2) w/PSC only - not PE review but a peer review only. (Macs/Users/Res) (T2)	10/15/08 🕎 10/28/08
2032	Obtain SIR2 Project Approval from Review Board (Macs/Users/Res) (T2)	♦ 10/28/08
2033	SIR2 to SAR2 Activities (Macs/Users/Res) (T2)	9/5/08 12/30/08
2148	System Acceptance Review (SAR2) - (Macs/Users/Res) (T2)	12/10/08 🗰 1/14/09
2155	Obtain SAR2 Project Approval (Macs/Users/Res) (T2)	1/23/09 1/23/09
2156	DRFC ORR for SMS OBE	♦ 12/9/08
2158	SAR2 to ORR2 Activities (Macs/Users/Res) (T2)	11/19/08 3/6/09
2250	ORR2 to PCR Activities (Macs/Users/Res) (T2)	3/16/09 🐺 3/16/09
2252	PHASE E: Deployment, Operations and Sustainment	5/5/08
4051	PHASE F: Decommissioning - n/a	♦ 1/11/10



Schedule 7120.7 – Phase Activity

ID Taalublaara													
D	ID Task Name		2008				2010				2012		
		Qtr 3	Qtr 1	Qtr 3	Qtr 1	Qtr 3	Qtr 1	Qtr 3	Qtr 1	Qtr 3	Qtr 1	Qtr 3	
2158	SAR2 to ORR2 Activities (Macs/Users/Res) (T2)		11/	19/08 🛡	3/(5/09							
2159	Prepare Work assignments for ORR2			1/15/09	1/15/0	9							
2160	Respond to SAR2 RIDs -			1/15/09	02/4/0	9							
2161	T2 Deploy ADMS Test Hardware				♦ 1/15	09							
2164	T2 ORR2 Activities (Windows Res)		11/	19/08	2/4	09							
2204	T2 ORR2 Activities (Mac Users/WS/Res)		11/	19/08 🛡	2/4	09							
2241	DAR Testing <placeholder> (Windows Workstations)</placeholder>			1/16/09	1/30/	09							
2242	Operational Readiness Review 2 (ORR2)			2/5/09	W ^{2/2}	26/09							
2249	Prepare ORR2 Project Lifecycle Review Board Report (OCIO PMC)			3/6/	09 3/6	/09							



Schedule 7120.7 - Activity Details

ID	Task Name	Owner	% Complete	Duration	Start	Finish	Free Slack	Total Slack
2158	SAR2 to ORR2 Activities (Macs/Users/Res) (T2)		16%	71 d	Wed 11/19/08	Fri 3/6/09	191 d	191 d
2159	Prepare Work assignments for ORR2	Tina	0%	1 d	Thu 1/15/09	Thu 1/15/09	0 d	0 d
2160	Respond to SAR2 RIDs -	Mandy	0%	14 d	Thu 1/15/09	Wed 2/4/09	0 d	0 d
2161	T2 Deploy ADMS Test Hardware	ODIN	0%	0 d	Thu 1/15/09	Thu 1/15/09	25 d	25 d
2162	T2 Analyze GRC Deployment Readiness	ODIN	0%	0 d	Thu 1/15/09	Thu 1/15/09	25 d	25 d
2163	T2 Analyze JSC Deployment Readiness	ODIN	0%	0 d	Thu 1/15/09	Thu 1/15/09	25 d	25 d
2164	T2 ORR2 Activities (Windows Res)		16%	50 d	Wed 11/19/08	Wed 2/4/09	212 d	212 d
2165	T2 BL Migration Plan (Windows Res)	Paul	0%	13 d	Fri 1/16/09	Wed 2/4/09	0 d	0 d
2166	T2 BL Migration Plan - Write/Distribute for Team Review (Windows Res)	Les	0%	9 d	Fri 1/16/09	Thu 1/29/09	0 d	0 d
2167	T2 BL Migration Plan - Perform Team Review BL Standard Operations Procedures (Windows Res)	Mandy	0%	2 d	Fri 1/30/09	Mon 2/2/09	0 d	0 d
2168	T2 BL Migration Plan - Perform Team Review BL Standard Operations Procedures (Windows Res)	Tina	0%	2 d	Fri 1/30/09	Mon 2/2/09	0 d	0 d
2169	T2 BL Migration Plan - Perform Team Review BL Standard Operations Procedures (Windows Res)	Rob	0%	2 d	Fri 1/30/09	Mon 2/2/09	0 d	0 d
2170	T2 BL Migration Plan - Perform Team Review BL Standard Operations Procedures (Windows Res)	Vonda	0%	2 d	Fri 1/30/09	Mon 2/2/09	0 d	0 d
2171	T2 BL Migration Plan - Perform Team Review BL Standard Operations Procedures (Windows Res)	Beth	0%	2 d	Fri 1/30/09	Mon 2/2/09	0 d	0 d
2172	T2 BL Migration Plan - Incorporate Redlines/Distribute /Ready for Project Review - (Windows Res)	Les	0%	2 d	Tue 2/3/09	Wed 2/4/09	0 d	0 d

ABILITY is what you are capable of doing; MOTIVATION determines what you do; but ATTITUDE determines how well you do it!