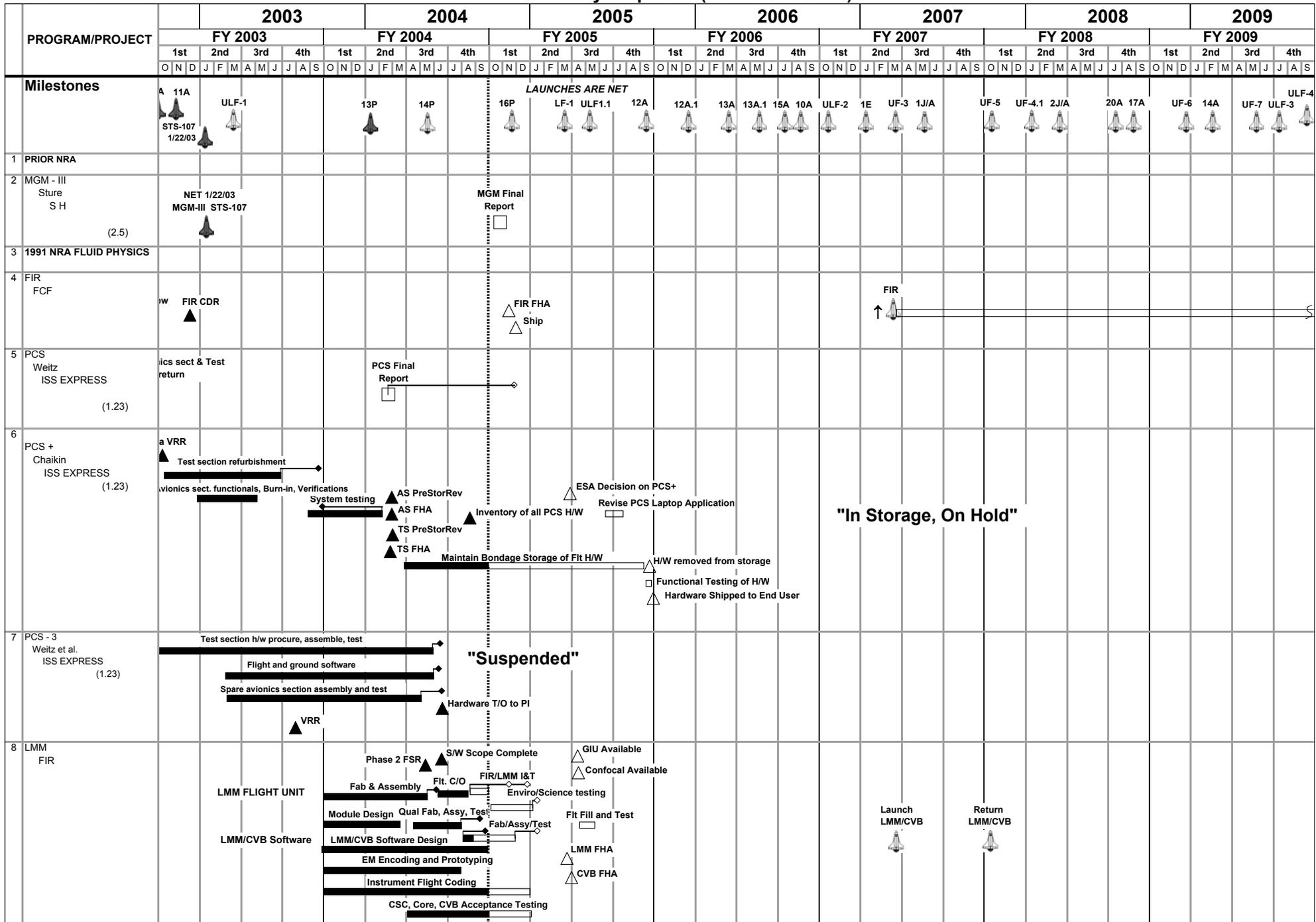




**MICROGRAVITY FLUID PHYSICS PROGRAM  
GRC/MSD ISS UTILIZATION TRAFFIC MODEL  
POP Assembly Sequence (RTF March 2005)**

PROGRAM MANAGER: FRED J. KOHL  
BASELINE: 03/31/04  
STATUS AS OF: 09/30/04

Glenn Research Center





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PROGRAM/PROJECT	2003				2004				2005				2006				2007				2008				2009																							
	FY 2003				FY 2004				FY 2005				FY 2006				FY 2007				FY 2008				FY 2009																							
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th																				
	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
9 PHaSE - 2 Chaikin LMM-2/F I R (1.23)	valuation	Zone Refinement Cell EM Evaluation (TBD)			Vibe testing Specialty Cells (TBD)			<b>"Suspended"</b> Long term leak testing (TBD)				PSR				FHA/Ship/TO (TBD)																																
10 PCS-2 Weitz LMM-3/F I R (1.23)	Electric Field Cell EM Evaluation (TBD)			CDR			<b>"Suspended"</b> Global Gradient Cell EM Evaluation (TBD)				PSR				FHA				Ship/TO																													
11 CDOT-3 Chaikin MSG-GI (1.23)				<b>TO BONDED STORAGE</b>																																												
12 SHERE McKinley MSG-GI (1.23)	Force Transducer Acceptance Flt. H/W complete			FHA			PSR				FM Late Stow				15A				ULF-2				Final Report																									
13 1992 NRA Materials Science																																																
14 CSLM-2 Voorhees MSG	#2 11A	Ship			Ship			Ship				TBD				LF-1				ALL TBD				CSLM-2 Final Report																								
15 1994 NRA FLUID PHYSICS																																																
16 COLLIDE-2 Colwell GAS (1.23)	COLLIDE-2 Final Report																																															
17 CVB Wayner LMM-1/F I R (2.6)				CVB Electrical Ctrl Box			FIR/LMM/CVB Integ test complete				PSR				FHA/Ship/TO				UF-3				UF-5				CVB Final Report																					
18 GFM FIR or EXPRESS							RDR				CDR												PSR				FHA				Ship																	
19 µgSEG Jenkins GFM-1/FIR (2.5)							RDR				FCF I & T												PSR				FHA				Ship																	
20 MOBI Sangani F I R (1.23)				RDR			PDR				ATP				CDR				FHA				PSR				17A				UF-6																	
21 FOAM Durian F S L (1.23)	<b>TO BE SUPPLIED BY ESA</b>			Maxis VI Sounding Rocket Test			RDR, TBD																17A				UF-6																					
22 CCF-1 & -2 Dreyer F I R or MSG (1.23)	<b>TO BE SUPPLIED BY DLR</b>														FCF I & T				FHA				17A				UF-6																					
23 1996 NRA FLUID PHYSICS																											17A				CCF-1				UF-6													
24 GROUND-BASED (33 Pls)																																																
25 LØCA Yodh LMM-4/F I R (1.23)				CDR			<b>"Suspended"</b>								PSR				FHA/Ship/TO																													





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	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
45 InSPACE-2 Gast MSG-GI (1.23)																																																
46 STRATEGIC RESEARCH																																																
47 LME																																																
48 AHLS-1 / PBR																																																
49 AHLS-2 / CHESS																																																
50 TØFFY																																																
51 2000 NRA FLUID PHYSICS																																																
52 GROUND - BASED (31 Pls)																																																
53 GROUND / FLIGHT (4 Pls)																																																
54 2002 NRA FLUID PHYSICS																																																
55 GROUND BASED (26 Pls)																																																