Fiscal Year:	FY 2011	Task Last Updated:	FY 07/19/2011
PI Name:	Keeton, Kathryn Ph.D.		
Project Title:	A Scheduling and Planning Tool in NEEMO 14		
Division Name:	Human Research		
Program/Discipline:	HUMAN RESEARCH		
Program/Discipline Element/Subdiscipline:	HUMAN RESEARCHBehavior and performance		
Joint Agency Name:		TechPort:	No
Human Research Program Elements:	(1) <b>BHP</b> :Behavioral Health & Performance (archival i	in 2017)	
Human Research Program Risks:	(1) <b>Team</b> :Risk of Performance and Behavioral Health Communication, and Psychosocial Adaptation within	-	ooperation, Coordination,
Space Biology Element:	None		
Space Biology Cross-Element Discipline:	None		
Space Biology Special Category:	None		
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Zip Code:	77058	<b>Congressional District:</b>	22
Comments:			
Project Type:	Ground	Solicitation / Funding Source:	Directed Research
Start Date:	07/20/2009	End Date:	12/27/2010
No. of Post Docs:		No. of PhD Degrees:	
No. of PhD Candidates:		No. of Master' Degrees:	
No. of Master's Candidates:		No. of Bachelor's Degrees:	
No. of Bachelor's Candidates:		Monitoring Center:	NASA JSC
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Flight Program:			
Flight Assignment:	NOTE: change in end date per 1/11/2012 HRP Master	r Task List information (Ed., 1/25/	2012)
Key Personnel Changes/Previous PI:			
COI Name (Institution):	McCurdy, Mike (NASA Ames Research Center) Li, Jack (NASA Ames Research Center)		
Grant/Contract No.:	Directed Research		
Performance Goal No.:			
Performance Goal Text:			

Task Description:       The NASA SUS Tabaoxing a reaction true in the partial manual processing and the second provided and analysic static stat			
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	Task Progress:	The objectives of the SPIFE tool included these:	

	1) Provide a fully functional scheduling and planning system that can be easily used by the users and staff personnel to support both ground and flight activities.
	2) Provide crewmembers with the capability to plan and organize their tasks to fit their needs in real time within given and developing constraints.
	For NEEMO 14, the following were tested using the SPIFE tool:
	1) ability to create and maintain the timeline schedule
	2) ability to track actual duration times of scheduled activities
	3) effectiveness during degraded communication (the ease with which the crew can maintain and edit their schedule with SPIFE)
	Results from the data were mixed, due in part to technical difficulties. However, the above items were tested and were generally supported. Future work on the SPIFE will be focused on fine-tuning the systems and the features that are utilized with this tool as well as incorporating feedback received from the participants to improve the tool's design and functionality.
	Outcome: The Behavioral Health & Performance Research Element recommends that additional studies are not needed, and BHP will not proceed with identifying future research tasks associated with SPIFE at this time.
Bibliography Type:	Description: (Last Updated: )