

## SPACE STATION SERIES

### MAN TENDED APPROACH DOCUMENTS

In the summer of 1984, the House Subcommittee on Housing and Urban Development in its Appropriations Bill "recommended language which will provide for the complimentary definition of an initial man-tended option. It is expected that this would involve the same space station elements with the exception of the habitat." (Report 98-803, 98th Congress, 2nd Session) In a subsequent Conference Report, the House recommended that the man tended option be examined simultaneously with other Phase B definition studies. (Report 98-867, 98th Congress, 2nd Session) And finally, in Public Law 98-371, the Congress required that the results of such a study be presented to the House and Senate Committees on Appropriations prior to the selection of a space station configuration by the Administrator. The result for NASA was the inclusion of man tended study requirements in the Phase B Request for Proposal. The two major contractor teams, led by McDonnell Douglas and Rockwell, were required to devote a minimum of ten percent of study funds to the analysis of an option that would phase man's permanent presence on the station over 3 - 5 years. The study was co-ordinated by the JSC Space Station Program Office. The files in this collection are primarily those of the Level B Manager, Mr. Lou Livingston and date from May 1984 through May 1986 when the final report was delivered to Congress. The collection begins with several folders of notes, correspondence, cost data, management plans, and Man Tended Committee meeting minutes that were generated by NASA while establishing guidelines for the study and evaluating its progress. These materials are arranged chronologically. Following, also in chronological order, are the Man Tended Approach study reports produced by contractors and subcontractors in response to NASA's requirement. Represented are Boeing, Rockwell, McDonnell Douglas, RCA, GE and TRW. Completing the collection is the two volume final report to Congress accompanied by a brief executive summary.

### Inventory

SubHeading:	Box Number: 1	
	MTA Congressional Requirement (including Public Law 98-371 and notes)	May-Jul 1984, n.d.
	Man-Tended Phase B Activity, Presentation to Dick Malow, Chief Clerk, House Subcommittee for HUD	August 31, 1984
	Notes and correspondence	Aug 31, 84-Aug 3, 87, nd
	Man Tended Committee Meeting Minutes (presentation material and handwritten notes included)	May 8, 1985-Feb 13, 1986
	JSC-30210, Man-Tended Approach Study Management Plan, Space Station Program Office	June 28, 1985
	Lou Livingston, Notebook (handwritten)	Jul 9, 1985-Feb 26, 1986
	MTA Engineering Mission Set,	October 25, 1985

	Man Tended Committee (preliminary with handwritten notes)	
	Space Station Level B Change Requests (re: MTA)	Oct 1985 - Jan 1986
	Man-Tended Approach Cost Data (including synopsis and initial operating capability development program presentation)	February 1986
	GE / TRW, Space Station Definition and Preliminary Design, WP-03, DR-02, Preliminary Analysis and Design Document, Section 8: Man Tended Configuration	December 19, 1985
	Space Station Definition and Preliminary Design, WP-02, WP-03, WP-04 Special Study Cost Report, Man Tended Approach	Dec 1985-Feb 1986
	RCA ASTRO Electronics, Space Station Definition and Preliminary Design, WP-03, DR-02, Book 7: Man Tended Approach Analysis	December 20, 1985
	Boeing, Man Tended Approach IRR (Interface Requirements Review) Report(WP-01 Input)	January 16, 1986
<b>SubHeading:</b>	<b>Box Number: 2</b>	
	Rockwell International, The Man-Tended Report	January 16, 1986
	Rockwell International, Rocketdyne Division, Space Station WP-04 Power System, Man-Tended Approach Study	January 17, 1986
	TRW, Space Station Definition and Preliminary Design, WP- 04 Electrical Power System, Man-Tended Approach Report	January 17, 1986
	Martin Marietta, Supplement to Appendix A of NASA's Man- Tended Approach Report to Congress. WP-01 Contractor Reports and Synthesis	January 24, 1986
	MDC H2301, McDonnell Douglas, Space Station Definition and Preliminary Design, WP-02, Man-Tended Approach Study Final Report	January 1986
	JSC-30218, Space Station: A Man-Tended Approach, 2 volumes	April 1986
	Space Station: A Man-Tended Approach, Submitted to the Committee on Appropriations,	May 1986

House of Representatives and  
the Committee on  
Appropriations, U.S. Senate