



92001B RTE-II Software Numbering Catalog

(This manual reflects information that is compatible with
Software Revision Code 1913.)



HEWLETT-PACKARD COMPANY
11000 WOLFE ROAD, CUPERTINO, CALIFORNIA, 95014

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This catalog provides cross-reference lists of the 92001B software modules and the media on which the software modules are distributed. The purpose of the lists is to define the software modules currently supported with the product and to indicate the part numbers of different media on which these modules reside.

You will find several uses for this catalog. For example, you can use it to:

- order replacement software on the media type you need.
- find the software residing on any media type.
- determine the names of files on the media's directory.

This catalog contains two lists: the first is collated by software module number; the second by file name. The column heading of the lists define:

MODULE FILE NAME The unique, 6-character file name of the software module. The file names are the names used in the file directory of any medium which contains more than one software module (for example, an RTE FMP disc directory or a mini-cartridge directory).

MODULE DESCRIPTOR A concise definition of the software module.

SOFTWARE MODULE NUMBER The part number of the software module; the paper tape part number of the software module.

PART NUMBERS The part numbers of the various media on which the software modules reside. Currently there are six possibilities:

Paper Tape The number of the software module is the number of the paper tape part.

Mini-Cartridge A collection of software parts stored as files on a minicartridge.

7900 Disc A collection of software modules stored as named files on a 7900 RTE master software disc.

7905/7906 Disc A collection of software modules stored as named files on a 7905/7906 RTE master software disc.

7920 Disc A collection of software modules stored as named files on a 7920 RTE master software disc.

Flexible Disc A collection of software modules stored as named files on a flexible disc.

SOFTWARE MODULE NUMBERS

Software Module Number	Module File Name	Module Descriptor	Part Numbers				
			Mini-Cartridge	7900 Disc	7905 Disc	Flexible Disc	7920 Disc
02607-16004	ISAL07	24K SIO LINE PRINTER DRIVER	92001-13305	92001-13001	92001-13101		
09601-16021	8DVR15	RTE 7261A DRIVEFF	92062-13304	92001-13001	92001-13101		
12732-16001	8DVR33	FLEXIBLE DISC DRIVER	92062-13304	92001-13001	92001-13101		
12970-16004	ISAMT1	24K SIO MAG. TAPE DRIVER	92001-13305	92001-13001	92001-13101		
20747-60001	8DVR30	RTE FIXED HEAD DISC DRIVER	92062-13305	92001-13001	92001-13101		
20808-60001	8CAL10	CAL. PLOTTER DRIVER	92062-13302	92001-13001	92001-13101		
20810-60001	8CAL1B	CAL. PLOTTER LIBRARY	92062-13302	92001-13001	92001-13101		
20875-60001	81FTN	FOPTRAN MAIN CONTROL	92060-13308	92001-13001	92001-13101		
20875-60002	82FTN	FOPTRAN PASS 1	92060-13308	92001-13001	92001-13101		
20875-60003	83FTN	FOPTRAN PASS 2	92060-13308	92001-13001	92001-13101		
20875-60004	84FTN	FOPTRAN PASS 3	92060-13308	92001-13001	92001-13101		
20875-60005	85FTN	FOPTRAN PASS 4	92060-13308	92001-13001	92001-13101		
24129-60001	8ALGOL	RTE/DOS ALGOL PART 1	92060-13305	92001-13001	92001-13101		
24129-60002	8ALGL1	RTE/DOS ALGOL PART 2	92060-13305	92001-13001	92001-13101		
24153-60001	8FF.N	RTE/DOS FORMATTER	92060-13303	92001-13001	92001-13101		
24306-60001	8DFCAR	DCSM ST ARITH PK	92060-13302	92001-13001	92001-13101		
24998-16001	8RLIB1	RTE/DOS LIBRARY PART 1	92060-13302	92001-13001	92001-13101		
24998-16001	8RLIB2	RTE/DOS LIBRARY PART 2	92060-13302	92001-13001	92001-13101		
24998-16011	8RLIB3	RTE/DOS LIBRARY PART 3	92060-13318	92001-13001	92001-13101		
24998-16002	8FF4.N	FOPTRAN IV FORMATTER	92060-13303	92001-13001	92001-13101		
25117-60499	8DVR24	RTE 7970 7T MAG. TAPE DRIVER	92062-13305	92001-13001	92001-13101		
29013-60001	8DVR31	RTE 7900A DISC DRIVER	92062-13303	92001-13001	92001-13101		
29028-60002	8DVR12	RTE 2767A DRIVER	92062-13303	92001-13001	92001-13101		
29029-60001	8DVR00	RTE TTY/PUNCH/PHOTO READER	92062-13302	92001-13001	92001-13101		
29030-60001	8DVR11	RTE 2892A CARD READER DRIVER	92062-13303	92001-13001	92001-13101		
29100-60017	ISALP	24K SIO LINE PRINTER	92001-13305	92001-13001	92001-13101		
29100-60018	ISASYD	24K SIO SYSTEM DUMP	92001-13305	92001-13001	92001-13101		
29100-60019	ISAPHP	24K SIO PHOTO READER	92001-13305	92001-13001	92001-13101		
29100-60020	ISAL67	24K SIO TAPE PUNCH	92001-13305	92001-13001	92001-13101		
29100-60022	ISAL67	24K SIO 2767 LINE PRINTER	92001-13305	92001-13001	92001-13101		
29100-60023	ISAMT3	24K SIO 7970 MAG. TAPE	92001-13305	92001-13001	92001-13101		
29100-60050	ISATER	24K SIO TERMINAL PRINTER	92001-13305	92001-13001	92001-13101		
59310-16002	8IDV37	RTE HP-IB WITHOUT SRQ	92062-13304	92001-13001	92001-13101		
59310-16003	82DV37	RTE HP-IB WITH SRQ	92062-13304	92001-13001	92001-13101		
59310-16004	8HP1B	HP-IB DEVICE SUBROUTINE	92062-13304	92001-13001	92001-13101		
59310-16005	8SRQ.P	SRQ.P TRAP UTILITY	92062-13304	92001-13001	92001-13101		
59310-16011	8MESS	HP-IB MESSAGE SUBR LIBRARY	92062-13304	92001-13001	92001-13101		
72008-60001	8LDV10	COMP. 7210A PLOTTER DRIVER	92062-13302	92001-13001	92001-13101		
72009-60001	82DV10	MIN. 7210A PLOTTER DRIVER	92062-13302	92001-13001	92001-13101		
91200-16001	8DVAL3	91200A DRIVER	92062-13303	92001-13001	92001-13101		
91200-16002	8TVLIB	91200A VIDEO MONITOR LIBRARY	92062-13303	92001-13001	92001-13101		
91200-16004	8TVVER	91200A TV INTERFACE VERIFIER	92062-13303	92001-13001	92001-13101		
92001-16002	8LDR2	RTE LOADER	92001-13301	92001-13001	92001-13101		
92001-16003	8MTM	MULT. TERMINAL MONITOR	92001-13301	92001-13001	92001-13101		
92001-16004	82DP.43	POWER FAILURE DRIVER	92001-13301	92001-13001	92001-13101		

SOFTWARE MODULE NUMBERS

Software Module Number	Module File Name	Module Descriptor	Part Numbers				
			Mint-Cartridge	7900 Disc	7905 Disc	Flexible Disc	7920 Disc
92001-16005	%SYLIB	RTE SYSTEM LIBRARY	92001-13301	92001-13001	92001-13101		
92001-16012	%CR2SY	CORE RESIDFNT OPERATING SYS.	92001-13301	92001-13001	92001-13101		
92001-16013	!2GN00	RTE-II 7900 OFF-LINE GEN.	92001-13303	92001-13001	92001-13101		
92001-16014	%AUTOR	AUTO RESTART PROGRAM	92001-13302	92001-13001	92001-13101		
92001-16018	!2GNFH	RTE-II FIXED HEAD DISC GEN.	92001-13306	92001-13001	92001-13101		
92001-16020	%DVAL2	2607/10/13/14/17/18 DRIVER	92062-13303	92001-13001	92001-13101		
92001-16026	!2GN05	RTE-II 7905/06 OFF-LINE GEN	92001-13303	92001-13001	92001-13101		
92001-16027	%DPV05	RTE 2644/45 DRIVER	92062-13302	92001-13001	92001-13101		
92001-16028	%DPV05	RTE 2640A DRIVER	92062-13302	92001-13001	92001-13101		
92001-16029	%SCMD2	RTE-II COMMAND PROGRAM	92001-13301	92001-13001	92001-13101		
92001-16030	%WHZT2	RTE-II WHZAT PROGRAM	92001-13302	92001-13001	92001-13101		
92001-16031	%RT2G1	RTE-II ON-LINE GENERATOR PT. 1	92001-13304	92001-13001	92001-13101		
92001-16031	%RT2G2	RTE-II ON-LINE GENERATOR PT. 1	92001-13304	92001-13001	92001-13101		
92001-16035	%DVA05	RTE DRIVER - 264X MOEM	92062-13302	92001-13001	92001-13101		
92001-18014	%AUTOR	AUTO RESTART SOURCE	92001-13302	92001-13001	92001-13101		
92001-18033	%AN2F0	RTE-II 7900 GFATHER ANSW FILE	92001-13307	92001-13001	92001-13101		
92001-18034	%AN2F5	RTE-II 7905/06 GF ANS FILE	92001-13307	92001-13001	92001-13101		
92002-12001	%BMPG1	BATCH MONITOR PROGRAM PART 1	92002-13301	92001-13001	92001-13101		
92002-12001	%BMPG2	BATCH MONITOR PROGRAM PART 2	92002-13301	92001-13001	92001-13101		
92002-12001	%BMPG3	BATCH MONITOR PROGRAM PART 3	92002-13301	92001-13001	92001-13101		
92002-12002	%2SPO1	RTE-II SPOOL MONITOR PART 1	92002-13303	92001-13001	92001-13101		
92002-12002	%2SPO2	RTE-II SPOOL MONITOR PART 2	92002-13303	92001-13001	92001-13101		
92002-16006	%BMLIB	BATCH LIBRARY	92002-13302	92001-13001	92001-13101		
92002-16010	%EDITR	RTE EDITOR	92002-13302	92001-13001	92001-13101		
92060-12004	%ASMB	RTE ASSEMBLER	92060-13304	92001-13001	92001-13101		
92060-12005	%CLIB	RTE COMPILER LIBRARY	92060-13315	92001-13001	92001-13101		
92060-16028	%XRF3	CROSS REFERENCE	92062-13305	92001-13001	92001-13101		
92060-16031	%DVR32	RTE 7905/06 DISC DRIVER	92001-13304	92001-13001	92001-13101		
92060-16038	%SWTCH	RTE-II SWITCH PROGRAM	92001-13304	92001-13001	92001-13101		
92060-16039	%SAVE	SAVE PROGRAM	92060-13309	92001-13001	92001-13101		
92060-16040	%RESTR	RESTORE PROGRAM	92060-13309	92001-13001	92001-13101		
92060-16041	%VEPFY	DISC VERIFY PROGRAM	92060-13309	92001-13001	92001-13101		
92060-16042	%COPY	DISC COPY PROGRAM	92060-13309	92001-13001	92001-13101		
92060-16043	%DBKLB	DISC BACK UP LIBRARY	92060-13309	92001-13001	92001-13101		
92060-16044	%DSKUP	OFF LINE DISC BACK UP	92060-13309	92001-13001	92001-13101		
92060-16045	%RDNAM	READ NAMR PROGRAM	92001-13302	92001-13001	92001-13101		
92060-16052	%KEYS	SOFT KEY UTILITY	92001-13002	92001-13001	92001-13101		
92060-16053	%KYDMP	SOFT KEY DUMP UTILITY	92001-13002	92001-13001	92001-13101		
92060-16092	%FTN4	RTE FORTRAN IV MAIN	92060-13316	92001-13001	92001-13101		
92060-16093	%FFTN4	RTE FORTRAN IV SEG F	92060-13316	92001-13001	92001-13101		
92060-16094	%OFTN4	RTE FORTRAN IV SEG 0	92060-13316	92001-13001	92001-13101		
92060-16095	%1FTN4	RTE FORTRAN IV SEG 1	92060-13316	92001-13001	92001-13101		
92060-16096	%2FTN4	RTE FORTRAN IV SEG 2	92060-13316	92001-13001	92001-13101		
92060-16097	%3FTN4	RTE FORTRAN IV SEG 3	92060-13316	92001-13001	92001-13101		
92060-16098	%4FTN4	RTE FORTRAN IV SEG 4	92060-13316	92001-13001	92001-13101		
92060-16101	%5FTN4	FORTRAN IV SEGMENT 5	92060-13316	92001-13001	92001-13101		



SOFTWARE MODULE NUMBERS

Software Module Number	Module File Name	Module Descriptor	Part Numbers				
			Mini-Cartridge	7900 Disc	7905 Disc	Flexible Disc	7920 Disc
92060-18046	&UPDAT	UPDATE TRANSFER FILE	92001-13302	92001-13001	92001-13101		
92060-18047	&PKDIS	PACK DISC TRANSFER FILE	92001-13302	92001-13001	92001-13101		
92062-16003	&LP31	SUBROUTINE FOR 2631A LP	92062-13303	92001-13001	92001-13101		
92064-16086	&MSAFD	FLEX DISC BACKUP UTILITY	92060-13309	92001-13001	92001-13101		
92202-16001	&DVR23	RTE 7970 9T. MAG. TAPE DRIVER	92062-13304	92001-13001	92001-13101		
92900-16002	&2DV47	RTE 92900A DRIVER WITHOUT DMS	92062-13302	92001-13001	92001-13101		

SOFTWARE MODULE FILE NAMES

Module File Name	Module Descriptor	Part Numbers					
		Paper Tape	Mini-Cartridge	7900 Disc	7905 Disc	Flexible Disc	7920 Disc
%2GN00	RTE-II 7900 OFF-LINE GEN.	92001-16013	92001-13303	92001-13001	92001-13101	92001-13101	
%2GN05	RTE-II 7905/06 OFF-LINE GEN	92001-16026	92001-13303	92001-13001	92001-13101	92001-13101	
%2GNFH	RTE-II FIXED HEAD DISC GEN.	92001-16018	92001-13306	92001-13001	92001-13101	92001-13101	
%1DSKUP	OFF LINE DISC BACK UP	92060-16044	92060-13309	92001-13001	92001-13101	92001-13101	
%S4L07	24K SIO LINE PRINTER DRIVER	02607-16004	92001-13305	92001-13001	92001-13101	92001-13101	
%S4L67	24K SIO 2767 LINE PRINTER	29100-60022	92001-13305	92001-13001	92001-13101	92001-13101	
%S4LP	24K SIO LINE PRINTER	29100-60017	92001-13305	92001-13001	92001-13101	92001-13101	
%S4MT1	24K SIO MAG. TAPE DRIVER	12970-16004	92001-13305	92001-13001	92001-13101	92001-13101	
%S4MT2	24K SIO 7970 MAG.TAPE	29100-60023	92001-13305	92001-13001	92001-13101	92001-13101	
%S4MT3	24K SIO MAG. TAPE	29100-60049	92001-13305	92001-13001	92001-13101	92001-13101	
%S4PHR	24K SIO PHOTO READER	29100-60019	92001-13305	92001-13001	92001-13101	92001-13101	
%S4PUN	24K SIO TAPE PUNCH	29100-60020	92001-13305	92001-13001	92001-13101	92001-13101	
%S4SYD	24K SIO SYSTEM DUMP	29100-60018	92001-13305	92001-13001	92001-13101	92001-13101	
%S4TER	24K SIO TERMINAL PRINTER	29100-60050	92001-13305	92001-13001	92001-13101	92001-13101	
%SCMD2	RTE-II COMMAND PROGRAM	92001-16029	92001-13301	92001-13001	92001-13101	92001-13101	
%0DV05	RTE 2640A DRIVER	92001-16028	92062-13302	92001-13001	92001-13101	92001-13101	
%0FTN4	RTE FORTRAN IV SEG 0	92060-16094	92060-13316	92001-13001	92001-13101	92001-13101	
%1DV10	COMP. 7210A PLOTTER DRIVER	72008-60001	92062-13302	92001-13001	92001-13101	92001-13101	
%1DV37	RTE HP-IB WITHOUT SRQ	59310-16002	92062-13304	92001-13001	92001-13101	92001-13101	
%1FTN	FORTRAN MAIN CONTROL	20875-60001	92060-13308	92001-13001	92001-13101	92001-13101	
%1FTN4	RTE FORTRAN IV SEG 1	92060-16095	92060-13316	92001-13001	92001-13101	92001-13101	
%2DP43	POWER FAILURE DRIVER	92001-16004	92001-13301	92001-13001	92001-13101	92001-13101	
%2DV10	MIN. 7210A PLOTTER DRIVER	72009-60001	92062-13302	92001-13001	92001-13101	92001-13101	
%2DV37	RTE HP-IB WITH SRQ	59310-16003	92062-13304	92001-13001	92001-13101	92001-13101	
%2DV47	RTE 92900A DRIVER WITHOUT DMS	92900-16002	92062-13302	92001-13001	92001-13101	92001-13101	
%2FTN	FORTRAN PASS 1	20875-60002	92060-13308	92001-13001	92001-13101	92001-13101	
%2FTN4	RTE FORTRAN IV SEG 2	92060-16096	92060-13316	92001-13001	92001-13101	92001-13101	
%2SPO1	RTE-II SPOOL MONITOR PART 1	92002-12002	92002-13303	92001-13001	92001-13101	92001-13101	
%2SPO2	RTE-II SPOOL MONITOR PART 2	92002-12002	92002-13303	92001-13001	92001-13101	92001-13101	
%3FTN	FORTRAN PASS 2	20875-60003	92060-13308	92001-13001	92001-13101	92001-13101	
%3FTN4	RTE FORTRAN IV SEG 3	92060-16097	92060-13316	92001-13001	92001-13101	92001-13101	
%4DV05	RTE 2644/45 DRIVER	92001-16027	92062-13302	92001-13001	92001-13101	92001-13101	
%4FTN	FORTRAN PASS 3	20875-60004	92060-13308	92001-13001	92001-13101	92001-13101	
%4FTN4	RTE FORTRAN IV SEG 4	92060-16098	92060-13316	92001-13001	92001-13101	92001-13101	
%5FTN	FORTRAN PASS 4	20875-60005	92060-13308	92001-13001	92001-13101	92001-13101	
%5FTN4	FORTRAN IV SEGMENT 5	92060-16101	92060-13316	92001-13001	92001-13101	92001-13101	
%ALGL1	RTE/DOS ALGOL PART 2	24129-60002	92060-13305	92001-13001	92001-13101	92001-13101	
%ALGOL	RTE/DOS ALGOL PART 1	24129-60001	92060-13305	92001-13001	92001-13101	92001-13101	
%ASMB	RTE ASSEMBLER	92060-12004	92060-13304	92001-13001	92001-13101	92001-13101	
%AUTOR	AUTO RESTART PROGRAM	92001-16014	92001-13302	92001-13001	92001-13101	92001-13101	
%BMLIB	BATCH LIBRARY	92002-16006	92002-13302	92001-13001	92001-13101	92001-13101	
%BMPG1	BATCH MONITOR PROGRAM PART 1	92002-12001	92002-13301	92001-13001	92001-13101	92001-13101	
%BMPG2	BATCH MONITOR PROGRAM PART 2	92002-12001	92002-13301	92001-13001	92001-13101	92001-13101	
%BMPG3	BATCH MONITOR PROGRAM PART 3	92002-12001	92002-13301	92001-13001	92001-13101	92001-13101	
%CAL10	CAL. PLOTTER DRIVER	20808-60001	92062-13302	92001-13001	92001-13101	92001-13101	
%CALIB	CAL. PLOTTER LIBRARY	20810-60001	92062-13302	92001-13001	92001-13101	92001-13101	

SOFTWARE MODULE FILE NAMES

Module File Name	Module Descriptor	Part Numbers					
		Paper Tape	Mini-Cartridge	7900 Disc	7905 Disc	Flexible Disc	7920 Disc
%CLIB	RTE COMPILER LIBRARY	92060-12005	92060-13315	92001-13001	92001-13101		
%COPY	DISC COPY PROGRAM	92060-16042	92060-13309	92001-13001	92001-13101		
%CR2SY	CORE RESIDENT OPERATING SYS.	92001-16012	92001-13301	92001-13001	92001-13101		
%DBKLB	DISC BACK UP LIBRARY	92060-16043	92060-13309	92001-13001	92001-13101		
%DECAR	DOSM ST ARITH PK	24306-60001	92060-13303	92001-13001	92001-13101		
%DVA05	RTE DRIVER - 264X MOFPM	92001-16035	92062-13302	92001-13001	92001-13101		
%DVA12	2607/10/13/14/17/18 DRIVER	92001-16020	92062-13303	92001-13001	92001-13101		
%DVA13	91200A DRIVER	91200-16001	92062-13303	92001-13001	92001-13101		
%DVR00	RTE TTY/PUNCH/PHOTO READER	29029-60001	92062-13302	92001-13001	92001-13101		
%DVR11	RTE 2892A CARD READER DRIVER	29030-60001	92062-13303	92001-13001	92001-13101		
%DVR12	RTE 2767A DRIVER	29028-60002	92062-13303	92001-13001	92001-13101		
%DVR15	RTE 7261A DRIVER	09601-16021	92062-13304	92001-13001	92001-13101		
%DVR23	RTE 7970 9T. MAG. TAPE DRIVER	92202-16001	92062-13304	92001-13001	92001-13101		
%DVR24	RTE 7970 7T. MAG. TAPE DRIVER	25117-60499	92062-13305	92001-13001	92001-13101		
%DVR30	RTE FIXED HEAD DISC DRIVER	20747-60001	92062-13305	92001-13001	92001-13101		
%DVR31	RTE 7900A DISC DRIVER	29013-60001	92062-13305	92001-13001	92001-13101		
%DVR32	RTE 7905/06 DISC DRIVER	92060-16031	92062-13305	92001-13001	92001-13101		
%DVR33	FLEXIBLE DISC DRIVER	12732-16001	92062-13304	92001-13001	92001-13101		
%EDITR	RTE EDITOR	92002-16010	92002-13302	92001-13001	92001-13101		
%FF.N	RTE/DOS FORMATTER	24153-60001	92060-13303	92001-13001	92001-13101		
%FP4.N	FORTAN IV FORMATTER	24998-16002	92060-13303	92001-13001	92001-13101		
%FTN4	RTE FORTAN IV SEG F	92060-16093	92060-13316	92001-13001	92001-13101		
%FTN4	RTE FORTAN IV MAIN	92060-16092	92060-13316	92001-13001	92001-13101		
%HPB	HP-IB DEVICE SUBROUTINE	59310-16004	92062-13304	92001-13001	92001-13101		
%KEYS	SOFT KEY UTILITY	92060-16052	92001-13002	92001-13001	92001-13101		
%KYDMP	SOFT KEY DUMP UTILITY	92060-16053	92001-13301	92001-13001	92001-13101		
%LER2	RTE LOADER	92001-16002	92001-13301	92001-13001	92001-13101		
%LFP31	SUBROUTINE FOR 2631A LP	92062-16003	92062-13303	92001-13001	92001-13101		
%MESS	HP-IB MESSAGE SUBR LIBRARY	59310-16011	92062-13304	92001-13001	92001-13101		
%MSAFD	FLEX DISC BACKUP UTILITY	92064-16086	92060-13309	92001-13001	92001-13101		
%MTM	MULT. TERMINAL MONITOR	92001-16003	92001-13301	92001-13001	92001-13101		
%RDNAM	READ NAMR PROGRAM	92060-16045	92001-13302	92001-13001	92001-13101		
%RESTR	RESTORE PROGRAM	92060-16040	92060-13309	92001-13001	92001-13101		
%RLIB1	RTE/DOS LIBRARY PART 1	24998-16001	92060-13002	92001-13001	92001-13101		
%RLIB2	RTE/DOS LIBRARY PART 2	24998-16001	92060-13302	92001-13001	92001-13101		
%RLIB3	RTE/DOS LIBRARY PART 3	24998-16011	92060-13318	92001-13001	92001-13101		
%RT2G1	RTE-II ON-LINE GENERATOR PT. 1	92001-16031	92001-13304	92001-13001	92001-13101		
%RT2G2	RTE-II ON-LINE GENERATOR PT. 1	92001-16031	92001-13304	92001-13001	92001-13101		
%SAVE	SAVE PROGRAM	92060-16039	92060-13309	92001-13001	92001-13101		
%SRQ.P	SRQ.P TRAP UTILITY	59310-16005	92062-13304	92001-13001	92001-13101		
%SWTCH	RTE-II SWITCH PROGRAM	92060-16038	92001-13304	92001-13001	92001-13101		
%SVLIB	RTE SYSTEM LIBRARY	92001-16005	92001-13301	92001-13001	92001-13101		
%TVLIB	91200A VIDEO MONITOR LIBRARY	91200-16002	92062-13303	92001-13001	92001-13101		
%TWVER	91200A TV INTERFACE VERIFIER	91200-16004	92062-13303	92001-13001	92001-13101		
%VERFY	DISC VERIFY PROGRAM	92060-16041	92060-13309	92001-13001	92001-13101		
%WHZT2	RTE-II WHZAT PROGRAM	92001-16030	92001-13302	92001-13001	92001-13101		

SOFTWARE MODULE FILE NAMES

Module File Name	Module Descriptor	Part Numbers					
		Paper Tape	Mini-Cartridge	7900 Disc	7905 Disc	Flexible Disc	7920 Disc
&XREF &ANZF0 &ANZF5 &AUTOR &PKDIS &UPDAT	CROSS REFERENCE RTE-II 7900 GFATHER ANSW FILE RTE-II 7905/06 GF ANS FILE AUTO RESTART SOURCE PACK DISC TRANSFER FILE UPDATE TRANSFER FILE	92060-16028 92001-18033 92001-18034 92001-18014 92060-18047 92060-18046	92060-13304 92001-13307 92001-13307 92001-13302 92001-13302 92001-13302	92001-13001 92001-13001 92001-13001 92001-13001 92001-13001 92001-13001	92001-13101 92001-13101 92001-13101 92001-13101 92001-13101 92001-13101		

GRANDFATHER DISC CARTRIDGE

APPENDIX

A

This appendix provides you with some information about the structure, contents, and initial use of your 92001B grandfather disc cartridge. When you order 92001B on a disc cartridge, you receive what we call a grandfather disc cartridge. Your grandfather disc platter contains a standard RTE-II system containing a file manager cartridge. The part number for your grandfather disc cartridge is:

92001-13001, if you have ordered the product on a 7900 disc cartridge,
92001-13101, if you have ordered the product on a 7905/7906 disc cartridge.

Notice the label on the upper surface of your grandfather disc cartridge:

GRANDFATHER RTE DISC CARTRIDGE.
MASTER FILES. DO NOT ERASE OR
RUN DISC DIAGNOSTIC.



Please use this disc cartridge carefully; it contains the 92001B master files for your system.

DISC CARTRIDGE CONTENTS AND STRUCTURE

The grandfather disc contains the current 92001B product, organized as a standard system containing a file manager cartridge. Included in the system's file manager cartridge are the files listed in the tables on pages 2 and 4 of this manual. **THESE FILES ARE THE CURRENT 92001B PRODUCT.** The file manager cartridge has been assigned a file manager cartridge reference number of 32767, its master security code is NULL, and it starts at track 90 of the system platter. Each file in CR 32767 has a security code of RT.

The file &AN2Fx (where x=0 for a 7900 disc platter and = 5 for a 7905/7906 disc platter) contains the answer file used to generate your grandfather disc. It may be used to regenerate the disc; however, in doing so you will lose the factory provided ability to reconfigure the grandfather disc's I/O at bootup (see **BOOT UP OF DISC CARTRIDGE**).

In addition to the files listed in this manual, CR 32767 contains 3 files created during the manufacturing process of the grandfather disc cartridge. They are named:

- WELCOM** A file which displays a welcome message each time the file manager is booted up from this disc.
- &LISTF** A generation map of the system created when the master disc was generated.
- !BOOT** A bootstrap loader created when the master disc was generated.

Note that **WELCOM**, **&LISTF**, and **!BOOT** are created by the disc manufacturing process. They do not have part numbers; they cannot be ordered (this is why they do not appear in the lists of part numbers for 92001B).

DISC CARTRIDGE BACKUP AND UPDATING

We strongly urge you to back up the disc cartridge as soon as practical after you receive it. You can back up the disc cartridge onto magnetic tape or onto another disc cartridge by following the instructions contained in the "Disc Backup Programs" section of the *RTE Utility Programs Reference Manual* (92060-90017).

You should use the disc cartridge as a storage place for the current version of 92001B. That is, as changes to the software modules in the product occur, you should update your disc cartridge to insure that you always have the current version of every 92001B software module. You can find procedures required for updating this product in the *RTE Utility Programs Reference Manual*, in the "Disc Update Program" section.

Note that the reason this grandfather disc cartridge is distributed with a file manager cartridge reference number or 32767, and the reason that all files in CR 32767 have a security code of RT is that these values are prerequisites for the use of the updating procedures described in the "Disc Update Program" section of *RTE Utility Programs*.

DISC CARTRIDGE I/O STRUCTURE

Your grandfather disc cartridge has been copied and verified from a master software cartridge which was generated at the factory to a standard I/O configuration. The basic information on the grandfather disc cartridge I/O structure is given in table 1. The configuration restraints imposed by the standard I/O configuration and the procedures you can use to boot up the grandfather disc cartridge are described in the following paragraphs.

BOOT UP OF DISC CARTRIDGE

Before you can boot up the grandfather disc cartridge, these prerequisites must be met:

1. Your system is off-line.
2. If you have a 21MX Series computer, its disc ROM bootstrap loader is installed. If you have a 2100 Series computer, the 2100 Series BMDL is in memory. Note that you *cannot* use a paper tape bootstrap program to boot up a grandfather disc cartridge.
3. Your I/O configuration for the Time-base Generator and for the system console is the same as the grandfather disc cartridge configuration (TBG in I/O slot 10; system console in I/O slot 13 — see table 1.)

If the prerequisites are met, you can boot up the grandfather disc cartridge with the standard RTE boot up procedure.

If your Time-base generator, and/or system console, and/or system disc are not in the standard I/O slots (see table 1), you can still boot up the grandfather disc cartridge, if you use the following procedures:

STANDARD SYSTEM ASSIGNMENTS FOR 92001B GRANDFATHER DISC CARTRIDGE. TABLE 1

Device or Accessory	Driver is	Uses DMA ?	Buffered Output ?	Timeout Value=	EQT Extension	I/O Slot	LU #	EQT #	Subchannel
Time-base Generator 12539C						10			
Disc, if 7900	DVR31	Yes				11 12	2 10	1 1	1 0
Disc, if 7905/7906	DVR32	Yes				11	2 10 13 14 15 16	1 1 1 1	0 1 2 3 4 5
System Console 2645	DVR05	No	Yes		X=13	13	1 4 5	2 2 2	0 (console) 1 (left CTU) 2 (right CTU)
Terminal 2600	DVR00	No	Yes			14	7	6	0
Photoreader 2748B	DVR01	No		T=50		15	9	7	
Magnetic Tape 7970B	DVR23	Yes	Yes	T=9999		16 17	8	3	
Line Printer 2607A	DVA12	No	Yes	T=100		20	6	8	
Line Printer 2767A	DVR12	No	Yes	T=100		21	12	5	0
Tape Punch 2895B	DVR02	No	Yes	T=50		22	11	4	4
Unassigned							3		

Note: This information is compiled from the &LISTF file; you may wish to get a copy of &LISTF to insure this information is current.

1. Follow the standard RTE boot up procedure, but stop at the halt 77 (after using the ROM or BMDL boots).
2. Select and display the S register.
3. Set the S register bits to the following pattern:

bits 0-5 to the select code of the system console
bits 6-11 to the select code of the Time-base Generator
bits 12-15 **must be** cleared

Note that you do not have to indicate the select code of the disc; the ROM or BMDL boot will provide it.

4. Store the S register, press PRESET, then RUN.
5. The grandfather disc should boot up. (Look for the "SET TIME" and welcome message on the console.) See table 2 for possible error halts.

CAUTION

You cannot reconfigure the lineprinter or magnetic tape using the boot up process. You must change the I/O card positions to correspond to the standard system specified in table 1.

Table 2. Disc Boot Up Error Halts

HALT CODE	CAUSE	RECOVERY
102011	Disc error status is in the A register.	Check that disc unit is ready, then press RUN to retry.
102031	Same as above. Occurs during execution of disc-resident portions of the bootstraps.	Same as above.
102060	Tried to boot up without using ROM (or BMDL).	ROM (or BMDL, for 2100 Series computer) must be installed.
102061	Specified a device type (disc or console) for which the system does not have an EQT.	Check your S register options and try again.



HEWLETT-PACKARD COMPANY
11000 WOLFE ROAD, CUPERTINO, CALIFORNIA, 95014