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Memorandum 6M-3400

UNCLASSIFIED copy 1 of 50  
Page 1 of 6

Division 6 - Lincoln Laboratory  
Massachusetts Institute of Technology  
Lexington 73, Massachusetts

SUBJECT: DIVISION 6 DR REPORTS  
To: Division 6 Staff and Secretaries (Upon request)  
From: D. B. Helwig  
Date: April 13, 1955  
Approved: A. M. Falcione  
A. M. Falcione

CLASSIFICATION CHANGED TO:  
Auth: DD254  
By: RRE  
Date: 4-4-60

The attached is the basic list mentioned in the Biweekly of 25 March of DR Reports published as of that date.

The accessions list in each Biweekly will contain the listing of all new DR Documents as they are issued.

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Memorandum 68-3100

Page 2

Accessions List (Continued)

UNCLASSIFIED

<u>NO.</u>	<u>AUTHOR</u>	<u>TITLE &amp; IBM NO.</u>	<u>CLS.</u>
DR-1	- - -	Maintenance Intercom, Production Machine (D-38-1) (Drawing)	U
DR-2	M. Dudek	Concurrence Letter on D-38-1 and Specifications	U
DR-3	R. Imm	Specifications for the Duplex Maintenance Console of AN/FSQ-7 Production System (D-32)	U
DR-4	R. Imm	Concurrence Letter on D-32	U
DR-5	R. Imm	Specifications for the Simplex Maintenance Console (D-46)	C
DR-6	M. Dudek	Proposal for the Duplex Central Switching Console (D-59)	U
DR-7	N. Jacobs	Proposal for the Centralized Probe System of Maintenance (D-56)	U
DR-8	R. Imm	Test Equipment Quantities (Tentative)	U
DR-9	W. Squire	Proposed Warning Light Specifications, Duplex Central (D-52)	U
DR-10	D. Ross	Memory Element for the AN/FSQ-7 Production System (IM-97) (D-14)	U
DR-11	D. Ross	Corrections to IM-97, dated 7-20-54 (D-14)	U
DR-12	D. Ross	Concurrence Letter on IM-97 (D-14)	U
DR-13	B. Morriss	Report on Concurrence Meeting, 12-2-54)	U
DR-14	C. Baccari	Specifications of the Arithmetic Element for the	U
	R. Imm	AN/FSQ-7 Production System (IM-95) (D-6)	
DR-15	D. Ross	Concurrence Letter on IM-95 (D-6)	U
DR-16	- - -	Number not used, information in DR-17	
DR-17	H. Kurkjian J. MacDonald	XD-1 Parity Count and Parity Check Controls (D-22)	U
DR-18	R. Imm	Relay Clock and Master Clock, Production Central (D-22)	U
DR-19	D. Ross	Concurrence Letter (D-22-1)	U
DR-20	R. Martin	Program Element for AN/FSQ-7 Production System (IM-94) (D-5)	U
DR-21	D. Ross	Program Element, Duplex Central, Concurrence Letter (D-5)	U
DR-22	R. Imm	Proposal for Change in "Control Clear" for AN/FSQ-7 Production System (D-42)	U
DR-23	D. Ross	Concurrence Letter on D-42	U
DR-24	R. Imm	Proposal for "Arithmetic Compare" in the AN/FSQ-7 (D-41)	U
DR-25	S. Thompson	The Instruction Control Frame (TR-15) (D-15)	U
DR-26	R. Imm	Concurrence Letter on TR-15	U
DR-27	R. Imm	Proposal for Automatic Branch on Alarms for the AN/FSQ-7 Production System (D-21)	U
DR-28	J. MacDonald	Automatic Branch Mode for Duplex Machines (D-21)	U
DR-29	D. Ross	Concurrence Letter on D-21	U
DR-30	R. Douglas	Proposal for an Automatic "Branch to Zero" Under Switch Control (D-45)	U
DR-31	D. Ross	Concurrence Letter for D-45	U
DR-32	R. Douglas	Cyclic Program Control	U
DR-33	H. Kurkjian	Selection and Input-Output Control Spec. (TR-240) (D-19)	U

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UNCLASSIFIED

Memorandum 6M-300

Page 3

Accessions List (Continued)

<u>NO.</u>	<u>AUTHOR</u>	<u>TITLE &amp; IBM NO.</u>	<u>CLS.</u>
DR-34	R. Imm	Amendments to TR-24 (D-19) 7-19-54	U
DR-35	D. Ross	Amendments to TR-24 (D-19) 8-31-54	U
DR-36	R. Imm	Proposal to Operate IO Interlock for the AN/FSQ-7 Production System (D-37)	U
DR-37	R. Imm	Concurrence Letter on DR-37	U
DR-38	R. Marden	Marginal Checking of Intercommunication Sense and Operate Circuits in the Production Machine (D-43)	U
DR-39	D. Ross	Concurrence Letter on D-43	U
DR-40	R. Imm	Specifications for the Duplex Maintenance Console of AN/FSQ-7 Production System (D-32)	U
DR-41	J. Murphy	Proposal for Test Memory (IM-79)	U
DR-42	D. Ross	Concurrence Letter on IM-95 (D-6)	U
DR-43	D. Hallock	Magnetic Tape Proposal for AN/FSQ-7 Production System (D-4)	U
DR-44	D. Ross	Concurrence Letter on D-4	U
DR-45	R. Imm	Magnetic Tape Drivers (D-4-1)	U
DR-46	- - -	Programmer's Reference Manual (PM 8-5 - IBM-584) (D-16)	U
DR-47	D. Ross	PERSELBSN Codes, Production System (D-16)	U
DR-48	- - -	Refer to 6DR-96	U
DR-49	D. Ross	Concurrence on D-16	U
DR-50	R. Imm	PERSELBSN Codes (D-16-1)	U
DR-51	F. Glenn et al.	Card Reader, Printer, and Punch Specifications for the AN/FSQ-7 Production System (D-12)	U
DR-52	D. Ross	Maintenance Area Card Machines, Duplex Central (D-12)U	U
DR-53	H. White	Drum Specifications for Production Machines (D-13-1)C	U
DR-54	C. Walston	Concurrence on D-13-1	U
DR-55	M. Dudek	Proposal for the Drum MCD Frame for the Duplex Central (D-36)	U
DR-56	H. White	Changes to the Drum Specifications, D-13-1	C
DR-57	- - -	See DR-55	U
DR-58	W. Fitzgerald	Power Conversion System for the AN/FSQ-7 Duplex Central (D-40)	U
DR-59	- - -	Concurrence Letter on D-40	U
DR-60	R. Keating	Duplex PCD Frame for Production Machine (D-48)	U
DR-61	R. Keating	Simplex PCD Frame for Production Machine (D-64)	U
DR-62	R. Marden	MCD, CB and PD Frames, Duplex Central (D-31)	U
DR-63	R. Marden	Concurrence on D-31	U
DR-64	R. Marden	Power Distribution System, Duplex Central (D-47)	U
DR-65	D. Ross	Concurrence on D-47	U
DR-66	R. Marden	Marginal Checking System for the Production Machine (D-33-1)	U
DR-67	M. Dudek	Proposal for the Drum MCD Frame for the Duplex Central (D-36)	U
DR-68	R. Imm	Concurrence on D-36	U
DR-69	N. Jacobs	Central Computer Marginal Checking Distribution Frames for the Duplex Central (D-49)	U
DR-70	R. Marden	Concurrence on D-39	U
DR-71	G. Rosenberger	Display MI-WL MCD Frame, Production Machine, D-44-1 U	U

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UNCLASSIFIEDMemorandum ~~6M-3400~~

Page 4

Accessions List (Continued)

<u>NO.</u>	<u>AUTHOR</u>	<u>TITLE &amp; IBM NO.</u>	<u>CLS.</u>
DR-72	D. Ross	Concurrence on D-44-1	U
DR-73	G. Rosenberger	Output MCD Frame Specifications for the Duplex Central (D-49)	U
DR-74	D. Ross	Concurrence on D-49	U
DR-75	G. Rosenberger	Duplex Inputs MCD Frame (D-62)	U
DR-76	F. Gewickey R. Marden	Simplex Input MC Frame Specifications (D-53)	U
DR-77	- - -	Not yet written.	
DR-78	F. Gewickey R. Marden	Simplex Input PD Frame Specifications (D-54)	U
DR-79	D. Ross	Concurrence on D-55	U
DR-80	F. Gewickey R. Marden	Simplex Input CB Frame Specifications (D-55)	U
DR-81	- - -	Number not used.	U
DR-82	F. Gewickey R. Marden	Display Console CB Frame Specifications (D-57)	U
DR-83	- - -	See DR-100	
DR-84	B. Kippenhan	General Switching System, Duplex Central (D-23)	C
DR-85	D. Ross	Concurrence on D-23	U
DR-86	R. Marden et al.	Marginal Checking System for the Production Machine (D-33)	U
DR-87	R. Marden	Concurrence on D-33	U
DR-88	M. Astrahan	Equipment Not Provided in P-1 Machine	U
DR-89	B. Kippenhan	Duplex Central Specifications for the Gap-Filler Input Mapper-Counter Frame (D-35)	U
DR-90	B. Kippenhan	Duplex Central Mapper Consoles (D-34)	U
DR-91	R. Lowrie	Proposed Duplex Central Specifications for the GFI Camera Monitor Console (D-61)	U
DR-92	W. Squire	Proposal for Crossteling Input Specifications Duplex Central (D-51)	C
DR-93	R. Jeffrey	Errata for D-51	U
DR-94	T. Francis	Electronic Loads for Air Circuit Diagram Calculations DC Gilding - Modification "A"	C
DR-95	- - -	Proposed Program to Meet Production Schedules	U
DR-96	- - -	To be published as 6M-3286	
DR-97	J. Gano	Protection of Electronic Equipment Upon Failure in the Air Conditioning System for Equipment Cooling	U
DR-98	J. Gano F. Sandy	Concurrence on Power Distribution System, Duplex Differences Between the MIT and IBM Power Groups	U
DR-99	J. Walsh et al.	Design Specification, Display Console for AN/FSQ-7, XD-1 and XD-2 (H-139)	C
DR-100	- - -	Minutes of Concurrence Meeting of January 6, 1955	U
DR-101	R. Marden	Manual Input Frame, Duplex Central (D-18)	C
DR-102	D. Ross	Concurrence on D-18	U
DR-103	- - -	This number was not used.	
DR-104	D. Ross	Card Machine Input - Duplex Central (D-10)	U
DR-105	W. McMillan	026 Card Reader Specifications (H-87)	U
DR-106	R. Wilser	Modified 026 (TR-13)	U
DR-107	D. Ross	Input Card Machines, Duplex Central (D-10)	U

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~~CONFIDENTIAL~~Memorandum ~~66-3100~~  
Accessions List (Continued)

Page 5

UNCLASSIFIED

NO.	AUTHOR	TITLE & IBM NO.	CLS.
DR-108	N. Jacobs	Proposal for Additional Features to be Added to the O20 Card Machine (D-10-1)	U
DR-109	D. Ross	Concurrence on D-10-1	U
DR-110	M. Astrahan	Concurrence on H-87	U
DR-111	R. Marden	Keyboards Input, Duplex Central (D-7)	U
DR-112	D. Ross	Concurrence on D-7	U
DR-113	R. Marden	Area Discriminators, Duplex Central (D-26)	U
DR-114	D. Ross	Concurrence on D-26	U
DR-115	B. Kippenhan	Concurrence on D-26-1	U
DR-116	R. Marden	Light Guns, Duplex Central (D-17)	U
DR-117	D. Ross	Concurrence on D-17	U
DR-118	W. Squire	Proposed Changes to the Output System Alarm Specifications, PN 31	U
DR-119	W. Squire	Concurrence on PN 31	U
DR-120	W. Squire	Proposed Changes in the Output System Specifications M-2697 for XD-1 and XD-2, PN 73	U
DR-121	P. Rocco R. Murray	A Proposal for Testing the Output System with the Miscellaneous Radar Input and Crossteling Input for XD-1 and XD-2	U
DR-122	H. White	Preliminary Output Specifications for the Production Machine (D-24-1)	C
DR-123	W. Squire	Concurrence on PN 73	U
DR-124	H. White	Preliminary Output Specifications for the Production Machine (D-24)	C
DR-125	B. Kippenhan	Display Specifications for the Duplex Central (D-27)	C
DR-126	C. Walston	Concurrence on D-27	U
DR-127	R. Mork	Design Specification, Display Console for AN/FSQ-7, XD-1 and XD-2 (H-139A) (D-25)	U
DR-128	B. Kippenhan	Design Specifications (Changes) for above	U
DR-129	D. Ross	Concurrence on D-25	U
DR-130	W. Squire	Crossteling Input Specifications, Duplex Central, (D-51-1)	C
DR-131	R. Marden	Auxiliary Console Specifications (D-65)	C
DR-132	W. Hunt	Changes in the Arithmetic Element of the Production System Caused by the Addition of the Auxiliary Memory Element (D-6-1)	U
DR-133	W. Hunt	Changes in the Selection and Input-Output Control Specifications for the Production System Caused by the Addition of the Auxiliary Memory Element (D-19-1)	U
DR-134	W. Hunt	Changes in the Program Element for the Central Computer for the Production Machine System Caused by the Addition of the Auxiliary Memory Element (D-5-2)	U
DR-135	W. Hunt	Drum Specifications for the Production System (D-13-2) C	C
DR Numbers 136 through 139 have not been turned in.			
DR-140	N. Jones	Concurrence on D-5-2	U
DR-141	N. Jones	Concurrence on D-6-1	U
DR-142	N. Jones	Concurrence on D-13-2	U
DR-143	N. Jones	Concurrence on D-19-1	U

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UNCLASSIFIED

Memorandum 64-3400

Page 6

Accessions List (Continued)

NO.	AUTHOR	TITLE & IBM NO.	CLS.
DR-144	- - -	Number not used.	
DR-145	W. Hunt	PERSELBSN Codes (D-16-3)	U
DR-146	D. Ross	Organization of MCD Frames, Concurrence (D-20)	U
DR-147	R. Marden	General Switching System, Concurrence (D-23-1)	U
DR-148	W. Fitzgerald	Prime Power Proposal, Duplex Central (D-29)	U
DR-149	W. Hunt	Spare Plane Frames of the AN/FSQ-7 Production System Memory Element (D-14-1)	U
DR-150	D. Ross	Concurrence on D-14-1	U
DR-151	D. Ross	Maintenance Control Area, Concurrence (D-58-1)	U
DR-152	C. Walston F. Irish	Input Channel Switching Specifications for AN/FSQ-7 (D-60)	U
DR-153	D. Ross	Maintenance Area Card Machines, Concurrence (D-12)	U
DR-154	D. Ross	Duplex Switching Console, Concurrence (D-59)	U
DR-155	R. Imm	Specifications for the Magnetic Tape Unit, Concurrence (D-4-2)	U
DR-156	R. Imm	Specifications for the Simplex Maintenance Console, Concurrence, (D-46-1)	U
DR-157	R. Imm	Specifications for the Simplex Maintenance Console (D-46-1)	C
DR-158	W. Hunt	Power and Air Conditioning Status Indicators in the Duplex Maintenance Control Area (Mimic Panel (D-63)	U
DR-159	M. Dudek	Proposal for Maintenance Card Machines (D-73)	U

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