

Task Oriented Practice
(TOP)

4ESS™ SWITCH

RECENT CHANGE UPDATE LIBRARY PROCESS

4E20 GENERIC
MACHINE ADMINISTRATION CENTER

Issue 1	SEP 1994
234-152-208	TPG
TITLE PAGE	000

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Issue 1	SEP 1994
234-152-208	LPG
LEGAL PAGE	000

FIND YOUR JOB IN THE LIST BELOW THEN GO TO

Acceptance NTP-002

Run Initial Task 0 – Recent Change Update Library Program (RCLI) NTP-003

Run Subsequent Task 0 – Recent Change Update Library Program (RCLI) NTP-004

Run Task 1 – Recent Change Update Library Program (RCLI) NTP-005

Run Task 2 – Recent Change Update Library Program (RCLI) NTP-006

Run Task 3 – Recent Change Update Library Program (RCLI) NTP-007

No acceptance test procedures are required for this volume.

ACCEPTANCE

Issue 1	SEP 1994
234-152-208	NTP
PAGE 1 of 1	002

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	<i>Note:</i> This Task Requires Two Available In-Service Tape Unit Controllers (TUCs)	
1	Ensure No RC Activity Is Performed During This Task	—
2	Determine Correct RCLI Package Name and Record for Later Use: <ul style="list-style-type: none"> • LGxxRCUA xx = Current Office Generic 	—
3	Select Available Maintenance Channel With In-Service Keyboard, Display, and Printer	—
4	Determine if Correct RCLI Package Resides in File System (OP:LIBSTAT,FS!)	DLP-510
5	If Correct RCLI Package Does Not Reside in File System, Load Package	DLP-509
6	Obtain Applicable Rollforward Tape(s) or Disk(s)	—
7	Obtain RC Worksheets for Any RC Messages Requiring Manual Entry	—
8	If Performing Generic Retrofit, Obtain RC Worksheets for Forms 100, 101, 102, 107, 108, 109, 321, or 652 to Be Entered	—
9	Verify No Tape Unit Controller (TUC) Is Assigned CPY or UTL Function	DLP-511
10	Using OP:DUSTATUS Printout, Select Two Available In-Service TUCs	—
11	Obtain Two Blank or Erasable Tapes With Write Enable Rings Installed and Do the Following: <ol style="list-style-type: none"> 1. Label One Tape: <i>RCLOR1</i> (Order Number Tape 1) 2. Label Other Tape: <i>RCLIMO-1</i> (Task 0 Message Tape 1) 	—
12	At First Selected TUC, Do the Following: <ol style="list-style-type: none"> 1. If Tape Is Mounted on TUC, Demount Tape 2. Mount Message Tape <i>RCLIMO-1</i> With Write Enable Ring Installed (TUC 0) 	DLP-500 DLP-501
13	At Second Selected TUC, Do the Following: <ol style="list-style-type: none"> 1. If Tape Is Mounted on TUC, Demount Tape 2. Mount ORNU Tape <i>RCLOR1</i> With Write Enable Ring Installed (TUC 1) 	DLP-500 DLP-501
14	Ensure MAC Personnel Will Be Available To Correct Errors in RC Messages and/or Enter Any RD Messages Requiring Manual Entry	—

**RUN INITIAL TASK 0 — RECENT CHANGE UPDATE
LIBRARY PROGRAM (RCLI)**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

15	Ensure Current Generic Version of TG-4 Translation Guide Is Available for Error Corrections and/or Manual Entry of RC Messages	-
16	At Maintenance Channel:	
	1. Type SET:TUC a;FUNCTION CPY! (a = Member Number of TUC With Message Tape <i>RCLIMO-1</i> Mounted)	-
	2. Type ALW:TUC a:RW,WVH,VSN RCLIMO! (a = Member Number of TUC With Message Tape <i>RCLIMO-1</i> Mounted)	-
	3. Type SET:TUC b;FUNCTION UTL! (b = Member Number of TUC With ORNU Tape <i>RCLORI</i> Mounted)	-
	4. Type ALW:TUC b:RW,WVH,VSN RCLORI! (b = Member Number of TUC With ORNU Tape <i>RCLORI</i> Mounted)	-
	Note: RCREC Channel Is Recommended for RCLI Messages. SREC1 Channel May Be Used, but Volume of Other Output Messages Received on SREC1 Can Interfere With RCLI Process	
17	Select RCREC or SREC1 Channel (Selected RCREC/SREC1 Channel Is Used in Remainder of Procedure Except Where Maintenance Channel Is Specified)	-
18	If Recent Changes Are Not Restricted at MCC SYSTEM STATUS Panel, Depress RESTRICT RECENT CHANGES Pushbutton RESPONSE: RESTRICT RECENT CHANGES Lamp Lights	-
19	If Recent Changes Are To Be Inputted Via Magnetic Tape Terminal (MTT) or Floppy Disk Unit, Do One of the Following:	
	A. Magnetic Tape Transport (MTT)	
	1. Obtain Applicable Rollforward Tapes	-
	2. Mount First Rollforward Tape on MTT	DLP-503
	B. Floppy Disk Unit	
	1. Configure Floppy Disk Unit for Task 0 Processing	DLP-515
	2. Obtain Applicable Rollforward Disks	-
	3. Insert First Rollforward Disk Into Floppy Disk Unit	-
4. Obtain File Directory Printout for Files Contained on Rollforward Disk	DLP-516	

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	<i>Note:</i> Step 21 Must Be Completed Within 15 Minutes of Execution of Step 20 To Avoid Task 0 Abort. If Abort Occurs, Restart Procedure at Step 20. DLP-513 Should Be Reviewed at This Time in Preparation for Step 21	
20	Start Library Program (EX:LIBSYS:PKG LGxxRCUA,PGM RCLI,TASK 0/,CLIENT0/ xx = Current Office Generic)	DLP-512
21	Enter Type of Run and Output File Name for Task 0 [IN:LIBSYS:CLIENT 0/,SET6,5),ASC(YMMDDHm)! a = 0/for Generic Retrofit or 1 for ODA Update]	DLP-513
	<i>Note:</i> For RC Forms, Action Field May Be Highest State for Message Depending on Current Generic (TST for 700 Series Forms; ACT for 100, 200, 300, 400, 500, 600, and 800 Series Forms for 4E17). 700 Series Forms Require Manual Activation (RCACT:ORNU a!) To Prepare for Automatic Processing in Task 3.	
	<i>Caution 1: RC Messages Must Be Entered Within 15 Minutes After REPT:RCLI READY FOR RECENT CHANGE MSG Printout; Otherwise, Process Will Be Aborted (REPT:RCLI ABORTED TASK 0/) With ABORT CODE = 23</i>	
	<i>Caution 2: Careful Attention Should Be Paid to System Responses Which Indicate That Task Has Been Aborted. Abort Would Result in Loss of CS K-Code 35 and Absence of RCLI Program Responses. With Loss of CS K-Code 35, Any Recent Changes Made Would Be Entered Into Generic Recent Change System. To Verify Presence of CS K-Code 35, Enter OP:LIBSTAT! and Check for Presence of RCLI in CS K-Code 35</i>	
22	Do One of the Following To Enter RC Messages:	
	A. Enter RC Messages From Rollforward Tape	DLP-504
	B. Enter RC Messages From Rollforward Disk	DLP-517
	C. Manually Enter RC Messages Using RC Work Sheets	DLP-514
23	If Entry of RC Message Was Stopped Due to Loss of Rover CS or Aborted With Abort Code NOT Equal to 23, Do One of the Following To Rerun Initial Task 0 After Problem Is Resolved:	
	A. If Rerun Is To Be Done Immediately, Repeat From Step 16	-
	B. If Rerun Is To Be Postponed Until Later Time, Go to Step 38	-

**RUN INITIAL TASK 0 – RECENT CHANGE UPDATE
LIBRARY PROGRAM (RCLI)**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

24	If Entry of RC Messages Was Aborted With Abort Code Equal to 23 or Was Stopped (IN:LIBSYS:CLIENT 0/,SET 7) Because All RC Messages Could Not Be Entered, Go to Step 32	-
25	If RC Messages Were Manually Entered, Go to Step 29	-
26	Determine From Reinitialization File If Rollforward Tape or Disk Just Used Is Last One Made Before Backup ODA Tape Write (TWRP Write)	-
27	If Rollforward Tape or Disk Is Last One Made Before Backup ODA Tape Write, Go to Step 30	-
28	If Rollforward Tapes or Disks Remain To Be Run, Do One of the Following:	
	A. Mount Next Rollforward Tape on MTT and Repeat From Step 22.A	DLP-503
	B. Insert Next Rollforward Disk Into Floppy Disk Unit and Repeat From Step 22.B	-
29	If Additional RC Messages Require Manual Entry, Repeat From Step 22.C	-
30	If Any RC Messages Entered Require Deletion, Type RC:COMMENT ROLLBACK:ORNU a! (a = RC Order Number) To Delete Each Message	-
31	Stop Processing By Typing IN:LIBSYS:CLIENT 0/,SET 7	-
32	At RCREC/SRECI Channel, Verify Initial Task 0 Responses	DLP-518
33	If Program Abort Prevented Printout of ORNU Table, Do the Following:	
	1. Correct or Bypass Cause of Abort	DLP-505
	2. Do One of the Following To Rerun Initial Task 0:	
	A. If Rerun Is To Be Done Immediately, Repeat From Step 16	-
	B. If Rerun Is To Be Postponed Until Later Time, Go to Step 38	-
34	Verify Initial Task 0 Final Responses:	
	1. Verify That File Names (YYMMDDHHmm) of Output Table (RCLIMO) and ORNU Table (RCLOR) Are Same and Agree With File Names Entered	-
	2. Verify RCDM Count (mmmm) and ORNU Count (nnnn) Are Same and Agree With the Number of ORNUs Listed in ORNU Table	-
35	If Final Responses Contain Error(s), Obtain Program Listing (PR-4A908) and Assistance From Appropriate Support Organization, As Required, To Determine Acceptance of Task 0 Run	-

**RUN INITIAL TASK 0 - RECENT CHANGE UPDATE
LIBRARY PROGRAM (RCLI)**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

36	If Task 0 Run Is Not Acceptable, Schedule Rerun of Initial Task 0 After Resolving Errors	-
37	If Successful Initial Task 0 Was Aborted With Abort Code Equal to 23, or Process Stopped Because All RC Messages Could Not Be Entered, Schedule Run of Subsequent Task 0 Starting With ORNU Where Initial Task 0 Left Off	-
38	At MCC SYSTEM STATUS Panel, Depress To Extinguish Lighted RESTRICT RECENT CHANGES Pushbutton	-
39	At Maintenance Channel, Determine PS Member Number That Was Assigned K-Code 34 When RCLI Library Program Was Executed (OP:PSSTATUS!)	-
40	Set PS Assigned K-Code 34 (Step 39) to NORM (SET:PS a;NORM!)	-
41	If Rollforward Tape Was Used, Remove Tape From MTT	DLP-502
42	If Rollforward Disk Was Used, Remove Disk From Floppy Disk Unit	-
43	Demount Tape(s) From Each TUC Used and File for Future Use	DLP-500
44	File ORNU Table and Control Report Printouts With Tape(s)	-

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	<i>Note:</i> This Task Requires Two Available In-Service Tape Unit Controllers (TUCs)	
1	Ensure No RC Activity Is Performed During This Task	—
2	Determine Correct RCLI Package Name and Record for Later Use: <ul style="list-style-type: none"> • LGxxRCUA xx = Current Office Generic 	—
3	Select Available Maintenance Channel With In-Service Keyboard, Display, and Printer	—
4	Determine if Correct RCLI Package Resides in File System (OP:LIBSTAT,FS!)	DLP-510
5	If Correct RCLI Package Does Not Reside in File System, Load Package	DLP-509
6	If Rollforward Tape(s) or Disk(s) Have Been Produced, Obtain All Rollforward Tapes or Disks Not Processed by Initial Task 0 (Including Partially Processed Rollforward Tapes or Disks If Initial Task 0 Had To Be Stopped Due to Fault)	—
7	Obtain RC Work Sheets for Any RC Messages Requiring Manual Entry	—
8	If Performing Generic Retrofit, Obtain RC Worksheets for Forms 100, 101, 102, 107, 108, 109, 321, or 652 That Are To Be Entered	—
9	If Previous Task 0 Message Tape Is To Be Used for Run of Subsequent Task 0, Obtain Message Tape <i>RCLIMO-n</i> (n = Initial Task 0 Message Tape Number)	—
10	If New Task 0 Message Tape Is Required, Obtain Blank or Erasable Tape With Write Enable Ring Installed and Label Tape <i>RCLIMO-n</i> (n = Initial Task 0 Message Tape Number Plus 1)	—
11	Obtain Initial Task 0 ORNU Tape <i>RCLORI</i>	—
12	Verify No Tape Unit Controller (TUC) Is Assigned CPY or UTL Function	DLP-511
13	Using OP:DUSTATUS Printout, Select Two Available In-Service TUCs	—
14	At First Selected TUC, Do the Following:	
	1. If Tape Is Mounted on TUC, Demount Tape	DLP-500
	2. Mount ORNU Tape (<i>RCLORI</i>) Written in Last Run of Task 0 Without Write Enable Ring (Use Record of Last Task 0 Run To Ensure Correct ORNU Tape Is Mounted)	DLP-501

**RUN SUBSEQUENT TASK 0 — RECENT CHANGE UPDATE
LIBRARY PROGRAM (RCLI)**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

15	At Second Selected TUC, Do the Following:	
	1. If Tape Is Mounted on TUC, Demount Tape	DLP-500
	2. Mount Task 0 Message Tape <i>RCLIMO-n</i> (n = Message Tape Number) With Write Enable Ring Installed	DLP-501
16	Ensure MAC Personnel Will Be Available To Correct Errors in RC Messages and/or Enter Any RC Messages Requiring Manual Entry	—
17	Ensure Current Generic Version of TG-4 Translation Guide Is Available for Error Corrections and/or Manual Entry of RC Messages	—
18	At Maintenance Channel:	
	1. Type SET:TUC a;FUNCTION UTL! (a = Member Number of TUC With ORNU Tape <i>RCLORI</i> Mounted That Was Written in Last Run of Task 0)	—
	2. Type ALW:TUC a:RO! (a = Member Number of TUC With ORNU Tape <i>RCLORI</i> Mounted)	—
	3. Type SET:TUC b;FUNCTION CPY! (b = Member Number of TUC With Message Tape <i>RCLIMO-n</i> Mounted)	—
	4. Do One of the Following To Allow (ALW) TUC:	
	A. If Task 0 Message Tape From Preceding Task 0 Is Being Used (Multifile Tape), Type ALW:TUC b:RW! (b = Member Number of TUC With Message Tape <i>RCLIMO-n</i> Mounted)	—
	B. If New Task 0 Message Tape Will Be Made (Scratch Tape), Type ALW:TUC b:RW,WVH,VSN <i>RCLIMO/n</i> (b = Member Number of TUC With Message Tape <i>RCLIMO-n</i> Mounted; n = Task 0 Message Tape Number)	—
	Note: RCREC Channel Is Recommended for RCLI Messages. SREC1 Channel May Be Used, but Volume of Other Output Messages Received on SREC1 Can Interfere With RCLI Process	
19	Select RCREC or SREC1 Channel (Selected RCREC/SREC1 Channel Is Used in Remainder of Procedure Except Where Maintenance Channel Is Specified)	—
20	If Recent Changes Are Not Restricted At MCC SYSTEM STATUS Panel, Depress RESTRICT RECENT CHANGES Pushbutton RESPONSE: RESTRICT RECENT CHANGES Lamp Lights	—

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

21	If Recent Changes Are To Be Inputted Via Magnetic Tape Terminal (MTT) or Floppy Disk Unit, Do One of the Following:	
	A. Magnetic Tape Transport (MTT)	
	1. Obtain Applicable Rollforward Tapes	-
	2. Mount First Rollforward Tape on MTT	DLP-503
	B. Floppy Disk Unit	
	1. If Floppy Disk Unit Is Not Configured for Task 0, Configure Floppy Disk Unit for Task 0 Processing	DLP-515
	2. Obtain Applicable Rollforward Disks	-
	3. Insert First Rollforward Disk Into Floppy Disk Unit	-
	4. If File Directory Printout Has Not Been Obtained for Files Contained on Rollforward Disk, Obtain File Directory Printout	DLP-516
	Note: Step 23 Must Be Completed Within 15 Minutes of Execution of Step 22 To Avoid Task 0 Abort. If Abort Occurs, Restart Procedure at Step 22. DLP-513 Should Be Reviewed at This Time in Preparation of Step 23	
22	Start Library Program (EX:LIBSYS:PKG LGxxRCUA,PGM RCLI,TASK 0/,CLIENT 0/ xx = Current Office Generic)	DLP-512
23	Enter Type of Run and Output File Name for Task 0 [IN:LIBSYS:CLIENT 0,SET(a,b),ASC(YMMDDHhmm)! a = 2 for Generic Retrofit or 3 for ODA Update b = 4 If Abort Message With FAILING DATA = 2 Received or 5 When Using Scratch Tape or 6 When Using Multifile Tape]	DLP-513
24	At Maintenance Channel, Verify That Response REPT:DEMOUNT TAPE FROM TUC a CODE 12 Is Received (a = Member Number of TUC With ORNU Tape RCLORI Mounted)	-
25	At Maintenance Channel, Verify That Response REPT:TAPE MUST BE MOUNTED FOR FUNCTION UTL Is Received	-
26	At TUC With ORNU Tape RCLORI Mounted, Demount Tape	DLP-500

**RUN SUBSEQUENT TASK 0 — RECENT CHANGE UPDATE
LIBRARY PROGRAM (RCLI)**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

27	Mount ORNU Tape (<i>RCLORI</i>) With Write Enable Ring Installed	DLP-501
28	At Maintenance Channel, Type SET:TUC a;FUNCTION UTL! (a = Member Number of TUC With ORNU Tape <i>RCLORI</i> Mounted)	—
29	Type ALW:TUC a:RW! (a = Member Number of TUC With ORNU Tape Mounted)	—
30	At RCREC/SREC1, Verify That Response REPT:RCLI,READY FOR RECENT CHANGE MSG Is Received	—
	<i>Note:</i> For RC Forms, Action Field May Be Highest State for the Message Depending on Current Generic (TST for 700 Series Forms; ACT for 100, 200, 300, 400, 500, 600, and 800 Series Forms for 4E17). 700 Series Forms Require Manual Activation (RCACT:ORNU a!) To Prepare for Automatic Processing in Task 3.	
	<i>Caution 1:</i> RC Messages Must Be Entered Within 15 Minutes After REPT:RCLI READY FOR RECENT CHANGE MSG Printout; Otherwise, Process Will Be Aborted (REPT:RCLI ABORTED TASK 0/) With ABORT CODE = 23	
	<i>Caution 2:</i> Careful Attention Should Be Paid to System Responses Which Indicate That Task Has Been Aborted. Abort Would Result in Loss of CS K-Code 35 and Absence of RCLI Program Responses. With Loss of CS K-Code 35, Any Recent Changes Made Would Be Entered Into Generic Recent Change System. To Verify Presence of CS K-Code 35, Enter OP:LIBSTAT! and Check for Presence of RCLI in CS K-Code 35	
31	If Rollforward Tape Is To Be Used To Enter RC Messages, Do the Following:	
	1. If Rollforward Tape Was Partially Run in Preceding Task 0 and Rewound, Locate Starting Position of Rollforward Tape	DLP-506
	2. Enter RC Messages From Rollforward Tape	DLP-504
32	If Rollforward Disk Is To Be Used To Enter RC Messages, Do the Following:	
	1. If Rollforward Disk Was Partially Run in Preceding Task 0, Use File Directory Printout Obtained To Locate Next Sequential Recent Change To Be Entered	—
	2. Enter RC Messages From Rollforward Disk	DLP-517
33	If RC Messages Are To Be Manually Entered Using RC Work Sheets, Enter Recent Changes	DLP-514

**RUN SUBSEQUENT TASK 0 — RECENT CHANGE UPDATE
LIBRARY PROGRAM (RCLI)**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

34	If Entry of RC Messages Was Stopped Due to Loss of Rover PS or Aborted With Abort Code NOT Equal to 23, Do One of the Following To Rerun Subsequent Task 0 After Problem Is Resolved:	
	A. If Rerun Is To Be Done Immediately, Repeat From Step 18	—
	B. If Rerun Is To Be Postponed Until Later Time, Go to Step 49	—
35	If Entry of RC Messages Was Aborted With Abort Code Equal to 23 or Was Stopped (IN:LIBSYS:CLIENT 0/,SET 7) Because All RC Messages Could Not Be Entered, Go to Step 43	—
36	If RC Messages Were Manually Entered, Go to Step 41	—
37	Determine From Reinitialization File If Rollforward Tape or Disk Just Used Is Last One Made Before Backup ODA Tape Write (TWRP Write)	—
38	If Rollforward Tape or Disk Is Last One Made Before Backup ODA Tape Write, Go to Step 41	—
39	If Rollforward Tapes or Disks Remain To Be Run, Do One of the Following:	
	A. Mount Next Rollforward Tape on MTT and Repeat From Step 31.1	DLP-503
	B. Insert Next Rollforward Disk Into Floppy Disk Unit and Repeat From Step 32.1	—
40	If Additional RC Messages Require Manual Entry, Repeat From Step 33	—
41	If Any RC Messages Entered Require Deletion, Type RC:COMMENT ROLLBACK:ORNU a! (a = RC Order Number) To Delete Each Message	—
42	Stop Processing by Typing IN:LIBSYS:CLIENT 0/,SET 7	—
43	At RCREC/SRECI Channel, Verify Subsequent Task 0 Responses	DLP-518
44	If Program Abort Prevented Printout of ORNU Table, Do the Following:	
	1. Correct or Bypass Cause of Abort	DLP-505
	2. Perform One of the Following To Rerun Subsequent Task 0:	—
	A. If Rerun Is To Be Done Immediately, Repeat From Step 18	—
	B. If Rerun Is To Be Postponed Until Later Time, Go to Step 49	—
45	Verify Subsequent Task 0 Final Responses:	
	1. Verify File Names (YYMMDDHHmm) of Output Table (RCLIMO) and ORNU Table (RCLOR) Are Same and Agree With Files Names Entered	—

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

45 (contd)	2. Verify ORNU Count (nnnn) Is Same and Agrees With Number of ORNUs Listed in ORNU Table	-
	3. Verify RCDM Count (mmmm) Is Same and Equal to Number of ORNUs Minus ORNU Count From Preceding Task 0 Run	-
46	If Final Responses Contain Error(s), Obtain Program Listing (PR-4A908) and Assistance From Appropriate Support Organization, As Required, To Determine Acceptance of Task 0 Run	-
47	If Task 0 Run Is Not Acceptable, Schedule Total Rerun of Process (Overwrite Error File) Using Same File Name (YYMMDDHHmm)	-
48	If Successful Subsequent Task 0 Was Aborted With Abort Code Equal to 23, or Process Stopped Because All RC Messages Could Not Be Entered, Schedule Rerun of Subsequent Task 0 Starting With ORNU Where Process Left Off	-
49	At MCC SYSTEM STATUS Panel, Depress To Extinguish Lighted RESTRICT RECENT CHANGES Pushbutton	-
50	At Maintenance Channel, Determine PS Member Number That Was Assigned K-Code 34 When RCLI Library Program Was Executed (OP:PSSTATUS!)	-
51	Set PS Assigned K-Code 34 (Step 50) to NORM (SET:PS a;NORM!)	-
52	If Rollforward Tape Was Used, Remove Tape From MTT	DLP-502
53	If Rollforward Disk Was Used, Remove Disk From Floppy Disk Unit	-
54	Demount Tape(s) From Each TUC Used and File for Future Use	DLP-500
55	File ORNU Table and Control Report Printouts With Tape(s)	-
56	If RC Activity Is Permitted, Resume RC Activity	-

**RUN SUBSEQUENT TASK 0 — RECENT CHANGE UPDATE
LIBRARY PROGRAM (RCLI)**

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

1	Determine Correct RCLI Package Name and Record for Later Use: <ul style="list-style-type: none"> • LGxxRCUA xx = Current Office Generic 	—
2	Select Available Maintenance Channel With In-Service Keyboard, Display, and Printer	—
3	Determine If Correct RCLI Package Resides in File System (OP:LIBSTAT,FS!)	DLP-510
4	If Correct RCLI Package Does Not Reside in File System, Load Package	DLP-509
5	Prepare Task 1 Message Tape: <ol style="list-style-type: none"> 1. Obtain Blank or Erasable Tape With Write Enable Ring Installed 2. Label Tape <i>RCLIM1-n</i> (n = Task 1 Message Tape Number) 	—
6	Obtain Task 0 ORNU Tape <i>RCLOR1</i> Written in Last Run of Task 0 (Use Record of Last Task 0 To Verify Correct ORNU Tape)	—
7	Obtain Task 0 Message Tapes <i>RCLIMO-n</i> (n = Task 0 Message Tape Number)	—
8	Verify No Tape Unit Controller (TUC) Is Assigned CPY, UTL, or UPD Function	DLP-511
9	Using OP:DUSTATUS Printout, Select Two Available In-Service TUCs	—
10	At First Selected TUC, Do the Following: <ol style="list-style-type: none"> 1. If Tape Is Mounted on TUC, Demount Tape 2. Mount ORNU Tape (<i>RCLOR1</i>) Written in Last Run of Task 0 Without Write Enable Ring (TUC0) 	DLP-500
11	At Second Selected TUC, Do the Following: <ol style="list-style-type: none"> 1. If Tape Is Mounted on TUC, Demount Tape 2. Mount Task 1 Message Tape <i>RCLIM1-n</i> (n = Task 1 Message Tape Number) With Write Enable Ring Installed (TUC1) 	DLP-501

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

12	At Maintenance Channel:	
	1. Type SET:TUC a;FUNCTION UTL! (a = Member Number of TUC With ORNU Tape <i>RCLORI</i> Mounted)	—
	2. Type ALW:TUC a:RO! (a = Member Number of TUC With ORNU Tape <i>RCLORI</i> Mounted)	—
	3. Type SET:TUC b;FUNCTION CPY! (b = Member Number of TUC With Message Tape <i>RCLIMI-n</i> Mounted)	—
	4. Type ALW:TUC b:RW,WVH,VSN RCLIM1! (b = Member Number of TUC With Message Tape <i>RCLIMI-n</i> Mounted)	—
	<i>Note:</i> RCREC Channel Is Recommended for RCLI Messages. SREC1 May Be Used, but Volume of Other Output Messages Received on SREC1 can Interfere With RCLI Process	
13	Select RCREC or SREC1 Channel (Selected RCREC/SREC1 Channel Is Used in Remainder of Procedure Except Where Maintenance Channel Is Specified)	—
14	Start Library Program (EX:LIBSYS:PKG LGxxRCUA,PGM RCLI,TASK 1,CLIENT 0/ xx = Current Office Generic)	DLP-512
	<i>Caution: From This Point on, Process Should Be Continuous Until Program Is Terminated. Input Messages Must Be Entered Within 15 Minutes of Previous Input Message or RCLI Program Will Respond With an Abort and Total Rerun of This Task 1 Will Be Required</i>	
15	Enter Output File Name for Task 1 and Verify Responses [IN:LIBSYS:CLIENT 0/,ASCYMMDDHHmm!]	DLP-519
16	At Maintenance Channel, Verify That Responses REPT:DEMOUNT TAPE FROM TUC a (a = Member Number of TUC With ORNU Tape <i>RCLORI</i> Mounted) and REPT:TAPE MUST BE MOUNTED FOR FUNCTION UPD Are Received	—
17	At TUC With ORNU Tape <i>RCLORI</i> Mounted, Do the Following:	
	1. Demount ORNU Tape	DLP-500
	2. Mount Task 0 Message Tape <i>RCLIMO-n</i> (n = Lowest Number Available for This Run) Without Write Enable Ring(TUC0)	DLP-501
18	At Maintenance Channel, Do the Following:	
	1. Type SET:TUC a;FUNCTION UPD! (a = Member Number of TUC With Task 0 Message Tape <i>RCLIMO-n</i> Mounted) [TUC0/]	—
	2. Type ALW:TUC a:RO! (a = Member Number of TUC With Message Tape <i>RCLIMO-n</i> Mounted)	—

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

19	At RCREC/SRECL, Verify That Response REPT:RCLI,PROCESSING INPUT FILE RCLIM0YMMDDHHmm Is Received (YYMMDDHHmm = Name of Task 0 Message File Being Processed)	-
	<i>Note:</i> At This Point, Process Is Automatic Until Completion of Tape or Error Is Detected. Each Recent Change Data Message (RCDM) Is Printed Out in Its Final State. If Message Tape Is Multifile, Previously Identified Responses Will Be Printed Out for Each File on Tape. Response RACT:ORNU n Following an RCDM Indicates RCLI Detected Unit Type RC Message and Has Prepared It for Automatic Activation in Task 3	
	<i>Caution:</i> After All RCs Have Been Successfully Entered Onto Task 1 Tape and Appropriate Output Message Is Received, Only 5 Minutes Will Be Allowed for Response Before RCLI Will Time Out (Abort Code = 22) Requiring Total Rerun of Task 1	
20	At RCREC/SRECL, Monitor Printer for Error Responses During Automatic Processing	-
21	If Error Occurred, Do One of the Following (A. Through D.) per Response Received:	
	A. REPT:RCLI,ORNU n NOT FOUND IN TABLE REPT:RCLI ABORTED TASK 1 ABORT CODE = 27 FAILING DATA = - (Followed by Printout of Abort Data)	
	1. Determine If Correct Task 0 Message and ORNU Tapes Are Being Used	-
	2. If Tapes Are Incorrect, Repeat From Step 6	-
	3. If Tapes Are Correct, Do the Following:	-
	a. Correct or Bypass Cause of Abort (Task 0 May Have To Be Rerun Due to Bad Tape Copy)	DLP-505
	b. Repeat From Step 1 for Total Rerun of Task 1	-
	B. REPT:RCLI,ORNU NOT FOUND IN MSG or REPT:RCLI,ORNU n ERROR IN UNIQUE MSG IDENT FIELD (Printout of RCDM With Problem) REPT:RCLI ABORTED TASK 1 ABORT CODE = 27 FAILING DATA = - (Followed by Printout of Abort Data)	
	1. Correct or Bypass Cause of Abort (Task 0 May Have To Be Rerun Due to Bad Tape Copy)	DLP-505
	2. Repeat From Step 1 for Total Rerun of Task 1	-

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

21 (Contd)	C. REPT:RCLI,VERIFY COUNTS OF MESSAGES WITH CONTROL REPORT	
	1. Ensure Message Count Is Correct When Control Report Is Received	-
	2. Ensure There Is No Problem With Tape Being Read	-
	D. If Process Is Aborted for Other Reasons Before ORNU Table Is Printed, Do the Following:	
	1. Correct or Bypass Cause of Abort	DLP-505
	2. Repeat From Step 6 for Total Rerun of Task 1	-
22	At RCREC/SRECL, Verify That Response REPT:RCLI,ENTER MSG FOR TASK 1 ANY MORE I/P TAPES Is Received	-
23	If Task 0 Message Tape(s) Remains To Be Processed:	
	A. At RCREC/SRECL, Type IN:LIBSYS:CLIENT 0/,SET 1	-
	B. Verify That Responses REPT:DEMOUNT TAPE FROM TUC a and REPT:TAPE MUST BE MOUNTED FOR FUNCTION UPD Are Received	-
	C. At TUC With Task 0 Message Tape Mounted, Do the Following:	
	1. Demount Tape	DLP-500
	2. Mount Next Task 0 Message Tape <i>RCLIMO-n</i> (n = Number of Tape Removed Plus One) Without Write Enable Ring	DLP-501
	D. At RCREC/SRECL, Do the Following:	
	1. Type SET:TUC a;FUNCTION UPD! (a = Member Number of TUC With Next Task 0 Message Tape)	-
	2. Type ALW:TUC a:R0!	-
	E. Verify That Response REPT:RCLI,PROCESSING INPUT FILE RCLIMOYYMMDDHHmm Is Received (YYMMDDHHmm = Name of Task 0 Message File Being Processed)	-
F. Repeat From Step 20	-	
24	At RCREC/SRECL, Stop Processing by Typing IN:LIBSYS:CLIENT 0/,SET 0/	-
25	Verify Task 1 Responses	DLP-520

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

26	Verify Task 1 Final Responses:	
	1. Verify No ORNUs Remain in ORNU Table	-
	2. Verify RCDM Count of Input Message File(s) (xxxx) and Output Message File (yyyy) Are Equal and Agree With ORNU Count of Last Task 0 Run	-
	3. Verify That File Names of First and Last Input Message Files (RCLIM0) Agree With Records of First and Last Task 0 Runs, Respectively	-
27	If Final Responses Contain Error(s) and This Is First Attempt to Run This Task 1, Do the Following:	
	1. Verify That All Applicable Task 0 Message Tapes Were Processed	-
	2. If All Task 0 Message Tapes Were Not Run, Repeat From Step 6 to Rerun Procedure	-
	3. If All Task 0 Message Tapes Were Run, Compare Records of Task 0 and Task 1 Runs To Determine If Task 1 or Tasks 0 and 1 Should Be Rerun (Obtain Technical Assistance, As Required, From Appropriate Support Organization)	-
28	If Final Responses Contain Error(s) and This Is Second Attempt To Run This Task 1, Obtain Assistance From Appropriate Support Organization To Determine Course of Action To Be Taken	-
29	At Maintenance Channel, Determine PS Member Number Assigned K-Code 34 When RCLI Library Program Was Executed (OP:PSSTATUS!)	-
30	Set PS Assigned K-Code 34 (Step 29) to NORM (SET:PS a;NORM!)	-
31	Demount Tapes From Each TUC Used and File for Future Use	DLP-500
32	Identify First Order Number of ORNU Table Obtained in Previous Runs of Task 0 and Record on Task 1 Tape Label for Future Use in Task 3	-

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

1	Determine Correct RCLI Package Name and Record for Later Use: <ul style="list-style-type: none"> • LGxxRCUA xx = Current Office Generic 	-
2	Select Available Maintenance Channel With In-Service Keyboard, Display, and Printer	-
3	Determine If Correct RCLI Package Resides in File System (OP:LIBSTAT,FS!)	DLP-510
4	If Correct RCLI Package Does Not Reside in File System, Load Package	DLP-509
5	Obtain Task 1 Message Tapes <i>RCLIM1-n</i> With Write Enable Rings Removed (n = Task 1 Message Tape Number)	-
6	Prepare Task 2 Message Tape:	
	1. Obtain Blank or Erasable Tape With Write Enable Ring Installed	-
	2. Label Tape <i>RCLIM2</i>	-
7	Verify No Tape Unit Controller (TUC) Is Assigned CPY or UPD Function	DLP-511
8	Using OP:DUSTATUS Printout, Select Two Available In-Service TUCs	-
9	At First Selected TUC, Do the Following:	
	1. If Tape Is Mounted on TUC, Demount Tape	DLP-500
	2. Mount First Task 1 Message Tape <i>RCLIM1-1</i> Without Write Enable Ring	DLP-501
10	At Second Selected TUC, Do the Following:	
	1. If Tape Is Mounted on TUC, Demount Tape	DLP-500
	2. Mount Task 2 Message Tape <i>RCLIM2</i> With Write Enable Ring	DLP-501
11	At Maintenance Channel:	
	1. Type SET:TUC a;FUNCTION UPD! (a = Member Number of TUC With Message Tape <i>RCLIM1-1</i> Mounted)	-
	2. Type ALW:TUC a:RO! (a = Member Number of TUC With Message Tape <i>RCLIM1-1</i> Mounted)	-
	3. Type SET:TUC b;FUNCTION CPY! (b = Member Number of TUC With Message Tape <i>RCLIM2</i> Mounted)	-
	4. Type ALW:TUC b:RW,WVH,VSN RCLIM2! (b = Member Number of TUC With Message Tape <i>RCLIM2</i> Mounted)	-

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

	<i>Note:</i> RCREC Channel Is Recommended for RCLI Messages. SREC1 May Be Used, but Volume of Other Output Messages Received on SREC1 Can Interfere With RCLI Process	
12	Select RCREC/SREC1 Channel (Selected RCREC/SREC1 Channel Is Used in Remainder of Procedure Except Where Maintenance Channel Is Specified)	—
13	Start Library Program (EX:LIBSYS:PKG LGxxRCUA,PGM RCLI,TASK 2,CLIENT 0/ xx = Current Office Generic)	—
14	Enter Output File Name for Task 2 and Verify Responses [IN:LIBSYS:CLIENT 0/,ASC(YMMDDHm)]	DLP-521
	<i>Note:</i> At This Point, Process Is Automatic Until Completion of Tape or Error Is Detected. At RCREC/SREC1, Each Recent Change Data Message (RCDM) Is Printed Out in Its Final State. Response RACT:ORNU n Following RCDM Indicates RCLI Detected Unit Type RC Message and Has Prepared It for Automatic Activation in Task 3	
15	At RCREC/SREC1, Monitor Printer for Error Responses During Automatic Processing	—
16	If Error Occurred, Do One of the Following per Response Received:	
	A. REPT:RCLI,ORNU NOT FOUND IN MSG	
	1. Determine From Records of Task 1 Run, Which Produced Task 1 Message Tape Being Processed, If That Message Had Problem	—
	2. If No Problem Is Obvious, Do the Following:	
	a. Type STOP:LIBSYS:PKG LGxxRCUA,PGM RCLI,TASK 2,CLIENT 0/ xx = Current Office Generic	—
	b. Verify That Response REPT:RCLI ABORTED TASK 2 ABORT CODE = 0/7 FAILING DATA == (Followed by Printout of Abort Data) Is Received	—
	c. If This Is First Attempt To Run Task 2, Go to Step 25.1 (Rerun Task 2)	—
	d. If This Is Second or Later Attempt To Run Task 2, Go to Step 26 (Rerun Task 1 and Task 2)	—
	B. REPT:RCLI,VERIFY COUNTS OF MESSAGES WITH CONTROL REPORT	
	1. Ensure Message Count Is Correct When Control Report Is Received	—

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

16 (contd)	2. Ensure There Is No Problem With Tape Being Read	-
17	If Abort Printout (REPT:RCLI ABORTED TASK 2) Is Received During Automatic Processing, Go to Step 22.1	-
18	At RCREC/SREC1, Verify That REPT:RCLI,ENTER MSG FOR TASK 2 ANY MORE I/P TAPES Is Received	-
19	If Task 1 Message Tape(s) Remains To Be Processed:	
	1. At RCREC/SREC1, Type IN:LIBSYS:CLIENT 0/,SET 1	-
	2. Verify That Responses REPT:DEMOUNT TAPE FROM TUC a and REPT:TAPE MUST BE MOUNTED FOR FUNCTION UPD Are Received	-
	3. At TUC With Task 1 Message Tape Mounted, Do the Following:	
	1. Demount Tape	DLP-500
	2. Mount Next Task 1 Message Tape <i>RCLIM1-n</i> (n = Number of Tape Removed Plus One) Without Write Enable Ring	DLP-501
	4. At RCREC/SREC1, Do the Following:	
	1. Type SET:TUC a;FUNCTION UPD! (a = Member Number of TUC With Next Task 1 Message Tape)	-
	2. Type ALW:TUC a:R0!	-
	5. Repeat From Step 13	-
20	At RCREC/SREC1, Stop Processing by Typing IN:LIBSYS:CLIENT 0 / ,SET 0/	-
21	Verify Task 2 Responses	DLP-522
22	If Program Is Aborted (REPT:RCLI ABORTED TASK 2) Before Control Report Is Printed, Do the Following:	
	1. Correct or Bypass Cause of Abort	DLP-505
	2. Go to Step 25.1	-

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

23	Verify Final Responses:	
	1. Verify File Names (RCLIM1YYMMDDHhmm) of First and Last Task 1 Message Tapes Agree With Task 1 Records	-
	2. Verify RCDM Count for Task 1 Message Tapes (xxxx) Agrees With Task 1 Records and RCDM Count for Task 2 Message Tape (yyyy)	-
	Note: If Task 1(s) and Task 2 Must Be Rerun Either Due to Error Message Generated During Automatic Processing or Due to RCLI Control Report Errors, Applicable Task 1(s) is To Be Returned First, Followed by Return of Task 2	
24	If RCLI Control Report Indicates Error(s), Use Records of Task 1 and Task 2 Runs To Determine If Task 2 Message Tape Is Acceptable (Procedure Completed), or If Task 2 or Applicable Task 1(s) and Task 2 Must Be Rerun (Obtain Technical Assistance, As Required, From Appropriate Support Organization)	-
25	If Task 2 (Only) Must Be Rerun, Do the Following:	-
	1. If Other Than First Task 1 Message Tape (<i>RCLIM1-1</i>) Is Mounted on TUC, Do the Following:	-
	a. Demount Tape	DLP-500
	b. Mount First Task 1 Message Tape (<i>RCLIM1-1</i>) Without Write Enable Ring	DLP-501
	2. Repeat From Step 11.1	-
26	At Maintenance Channel, Determine PS Member Number Assigned K-Code 34 When RCLI Library Program Was Executed (OP:PSSTATUS!)	-
27	Set PS Assigned K-Code 34 (Step 26) to NORM (SET:PS a;NORM!)	-
28	Demount Tapes From Each TUC Used and File for Future Use	DLP-500
29	Identify First Order Number of ORNU Table Obtained in Previous Runs of Task 0 and Record on Task 2 Tape Label For Future Use in Task 3	-

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

1	Determine Correct RCLI Package Name and Record for Later Use: <ul style="list-style-type: none"> • LGxxRCUA xx = Current Office Generic 	—
2	Select Available Maintenance Channel With In-Service Keyboard, Display, and Printer	—
3	Determine If Correct RCLI Package Resides in File System (OP:LIBSTAT,FS!)	DLP-510
4	If Correct RCLI Package Does Not Reside in File System, Load Package	DLP-509
5	Obtain Task 2 Message Tape <i>RCLIM2</i> or Task 1 Message Tape <i>RCLIM1-1</i> (If Only One Task 1 Was Run) With Write Enable Ring Removed	—
6	Obtain Records of Task 2 or Task 1 Run	—
7	Ensure That Trunks or Trunk Subgroups (TSGs) Being Changed by RC Messages on Task 2 or Task 1 Tape Are in CAD.DSA State	—
8	Verify No Tape Unit Controller (TUC) Is Assigned UPD Function	DLP-511
9	Using OP:DUSTATUS Printout, Select Available In-Service TUC	—
10	At Selected TUC, Do the Following:	
	1. If Tape Is Mounted on TUC, Demount Tape	DLP-500
	2. Mount Applicable Message Tape (<i>RCLIM2/RCLIM1-1</i>) Without Write Enable Ring	DLP-501
11	Ensure No RC Activity Will Be Done During Run of Task 3 (RCs May Be Used To Correct Detected Errors)	—
12	If Recent Changes Are Not Restricted at MCC SYSTEM STATUS Panel, Depress RESTRICT RECENT CHANGES Pushbutton <i>RESPONSE: RESTRICT RECENT CHANGES</i> Lamp Lights	—
13	At Maintenance Channel, Do the Following:	
	1. Type SET:TUC a;FUNCTION UPD! (a = Member Number of TUC With Message Tape <i>RCLIM1-1/RCLIM2</i> Mounted)	—
	2. Type ALW:TUC a:R0! (a = Member Number of TUC With Message Tape <i>RCLIM1-1/RCLIM2</i> Mounted)	—
	<i>Note:</i> RCREC Channel Is Recommended for RCLI Messages. SREC1 May Be Used, but Volume of Other Output Messages Received on SREC1 Can Interfere With RCLI Process	

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

14	Select RCREC/SREC1 Channel (Selected RCREC/SREC1 Channel Is Used in Remainder of Procedure Except Where Maintenance Channel Is Specified)	-
15	Start Library Program (EX:LIBSYS:PKG LGxxRCUA,PGM RCLI,TASK 3,CLIENT 0/ xx = Current Office Generic)	DLP-512
16	Type IN:LIBSYS:CLIENT 0/,ASC&xxxxx)! xxxxxx = First ORNU (6-digit Number) on Message Tape If This Is First Run of Task 3 or Next Applicable ORNU If This Is Restart of Task 3 Due to Message Reject or TWRP Write)	-
	<i>Note:</i> At This Point, Processing Is Automatic Until Completion of Tape or Error Is Detected. Normal Responses for Recent Change Acceptance for Each State Will Follow Except That No Printouts of RCDM Messages Will Occur.	
17	If Message Is Rejected Due to Error (RC:MESSAGE REJECTED FOR BUF STATE:.....), Do the Following:	
	1. Obtain Assistance From MAC and, If Required, Contact Appropriate Support Organization	-
	2. If More RC Order Numbers Are To Be Processed, After Error Is Corrected or Delayed Until Later, Repeat From Step 16, Using Next ORNU on Tape	-
	3. If Error Was Received on Last ORNU To Be Entered, at Maintenance Channel, Type STOP:LIBSYS:PKG LGxxRCUA,PGM RCLI,TASK 3,CLIENT 0/ (xx = Current Office Generic); Then Go to Step 23	-
	<i>Note:</i> An RCLI Control Report May Be Printed Before Abort Message Is Received	
18	If Responses REPT:RCLI ABORTED TASK 3 ABORT CODE = 27 FAILING DATA = - and EX:LIBSYS:PKG LGxxRCUA,PGM RCLI,TASK 3,CLIENT 0/ COMPLETED Are Received, Do the Following:	
	1. If Tape Has Not Been Rewound, Rewind Tape to Next Order Number To Be Entered	-
	2. Repeat Procedure From Step 13 Using Next Order Number Following RC Which Caused Abort	-

DO THE ITEMS BELOW IN THE ORDER LISTED FOR DETAILS, GO TO

19	If Responses REPT:RCLI,RC ROLLBACK AREA 90% FULL,ORNU xxxxxx LAST ORNU PROCESSED and REPT:RCLI,ENTER MSG FOR TASK 3 – ABORT OR OVERWRITE ROLLBACK AREA Are Received, Do One of the Following:	
	A. If Rollback Area Is To Be Overwritten, At RCREC/SREC1, Type IN:LIBSYS:CLIENT 0,SET 0!	–
	B. If Process Is To Be Aborted and Backup ODA Tape Is To Be Written (TWRP Write), Do the Following:	
	1. At RCREC/SREC1,Type IN:LIBSYS:CLIENT 0,SET 1!	–
	NOTE: An RCLI Control Report May Be Printed Before Abort Message Is Received	–
	2. Verify That Response REPT:RCLI ABORTED TASK 3 ABORT = 28 FAILING DATA = - Is Received	–
	3. Write Backup ODA Tape (TWRP Write)	DLP-507
	4. Ensure Message Tape <i>RCLIM2/RCLIM1-1</i> Is Mounted on TUC Without Write Enable Ring	–
	5. Repeat From Step 13	–
20	Verify Task 3 Responses	DLP-523
21	Verify Message Counts (xxxx, yyyy, and zzzz) of Task 3 Agree With Tasks 2 and 1 Records	–
22	If Message Counts Disagree With Tasks 2 and 1 Records, Obtain Technical Assistance, As Required, To Determine and Resolve Problem	–
23	At MCC SYSTEM STATUS Panel, Depress To Extinguish Lighted RESTRICT RECENT CHANGES Pushbutton	–
24	At Maintenance Channel, Determine PS Member Number Assigned K-Code 34 When RCLI Library Program Was Executed (OP:PSSTATUS!)	–
25	Set PS Assigned K-Code 34 (Step 24) to NORM (SET:PS a;NORM!)	–
26	At TUC, Demount Tape	DLP-500

[1] See CAUTIONS 1 and 2.
At tape unit controller,
depress **REQ DMT**
pushbutton

Tape rewinds;
OK DMT
lamp lights

At tape transport:

[2] Open interlocked cover door
and at upper right, pull
interlock switch plunger out

[3] Depress **LOCAL/REMOTE** switch
to obtain **LOCAL** lighted
condition

LOCAL
lamp
lights

AND

[4] Is tape
a BOT marker

Yes

Page 2

No

[5] Depress **REVERSE**
pushbutton (**REVERSE**
lamp lights; tape
rewinds to BOT
marker and stops)

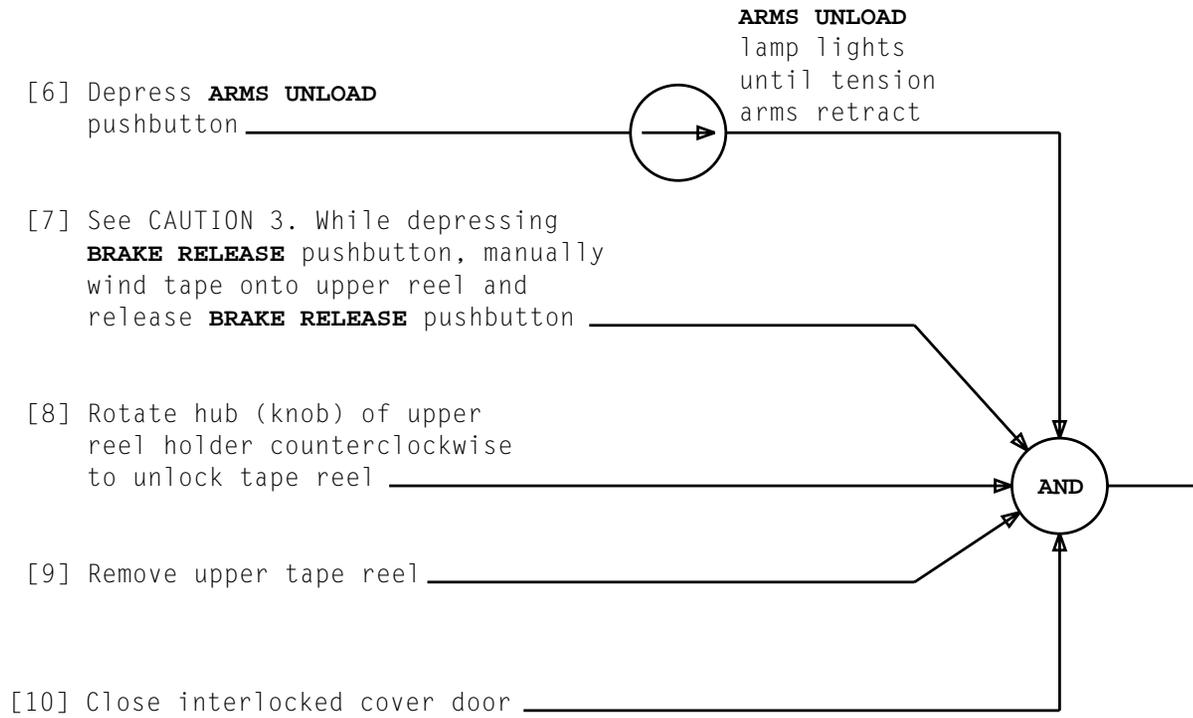
CAUTIONS

1. *Cycling tape transport or tape unit controller with tape over read/write heads may garbage tape*
2. *If tape is being demounted due to faulty tape unit, proper tape unit maintenance documentation should be used*

Issue 1 | SEP 1994

234-152-208 | DLP

PAGE 1 of 2 | 500

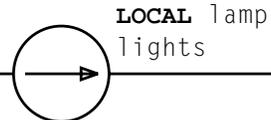


<i>CAUTION 3</i> <i>Pulling or dragging last 2 feet of tape across heads may contaminate heads</i>	
Issue 1	SEP 1994
234-152-208	DLP
PAGE 2 of 2	500

At tape transport:

[1] Open interlocked cover door and at upper right, pull interlock switch plunger out

[2] Depress **LOCAL/REMOTE** pushbutton to obtain **LOCAL** lighted condition



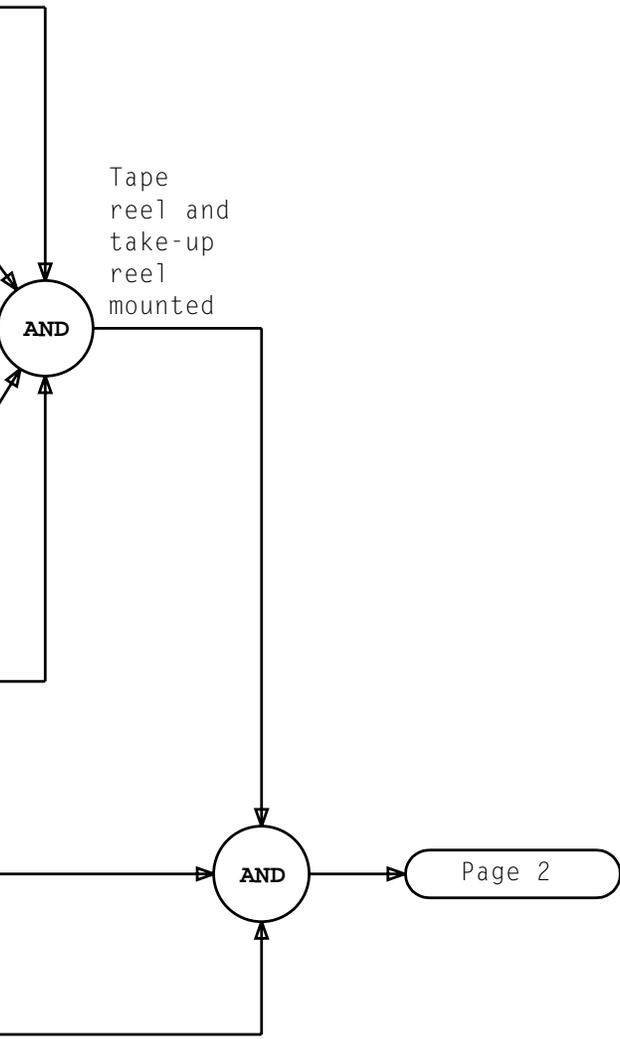
[3] Verify empty lower (take-up) tape reel is same size or larger than reel to be mounted

[4] With hub (knob) of upper reel holder in counterclockwise position, mount reel with tape onto reel holder

[5] Rotate hub (knob) of upper reel holder clockwise to lock tape reel securely

[6] See CAUTION 1. While depressing **BRAKE RELEASE** pushbutton, manually unwind approximately 5 feet of tape and release **BRAKE RELEASE** pushbutton

[7] See CAUTION 2. Thread tape through tape path indicated on tape transport



CAUTIONS

1. Contamination of tape by contact with floor will damage tape heads
2. Fingers should not touch tape head surfaces; body oil will contaminate tape

Issue 1	SEP 1994
234-152-208	DLP
PAGE 1 of 3	501

MOUNT TAPE ON TAPE TRANSPORT

[8] See NOTE 1. Start tape on lower (take-up) reel, making sure tape is not twisted

[9] See CAUTION 3. While depressing **BRAKE RELEASE** pushbutton, manually wind lower (take-up) reel three or four turns and release **BRAKE RELEASE** pushbutton

[10] Depress **ARMS NORMAL** pushbutton

ARMS NORMAL lamp lights until arms apply tension to tape

[11] Depress **FORWARD** pushbutton

FORWARD lamp lights; tape winds forward to BOT marker and stops

[12] See NOTE 2. Depress **FORWARD** pushbutton

Tape winds forward

[13] Depress **STOP** pushbutton

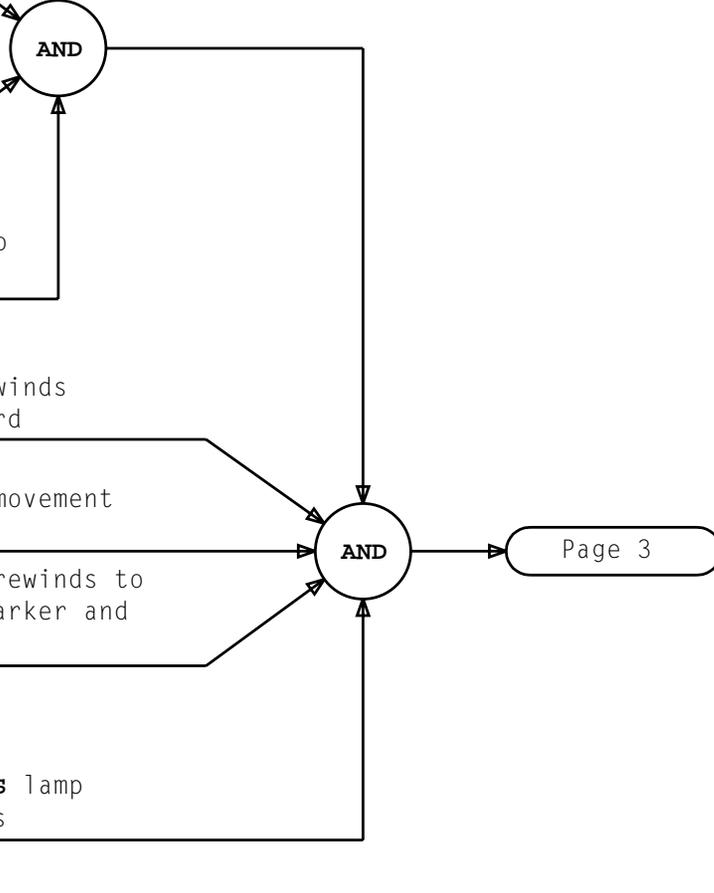
Tape movement stops

[14] Depress **REVERSE** pushbutton

Tape rewinds to BOT marker and stops

[15] Depress **5 IPS/25 IPS** pushbutton to obtain **25 IPS** lighted condition

25 IPS lamp lights



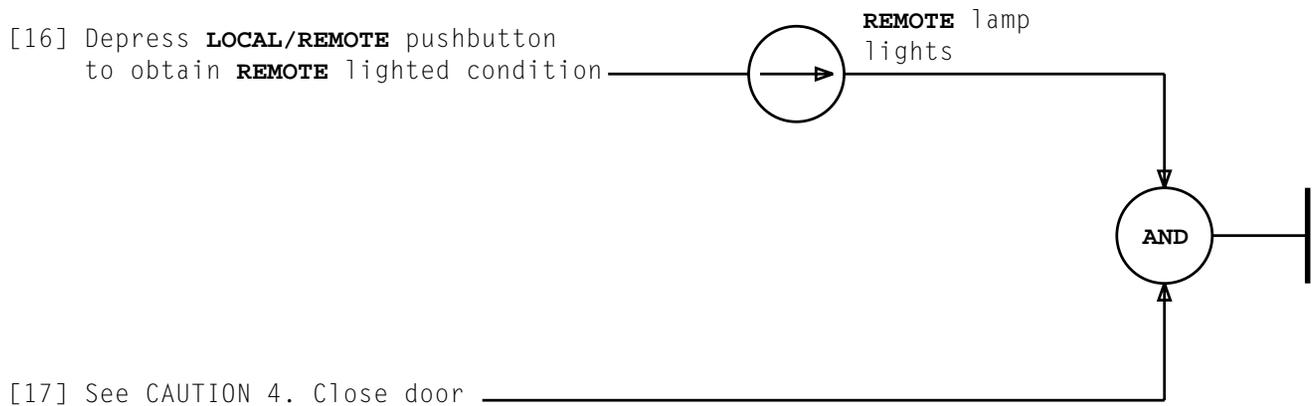
NOTES

- To start tape on take-up reel, it may help to moisten tape end (moistened fingers) and stick tape to reel axle
- Steps 12, 13, and 14 cause BOT marker to be approached from recorded area of tape

CAUTION 3
If tape is not properly aligned along rollers and guides, or too loose, it may be damaged

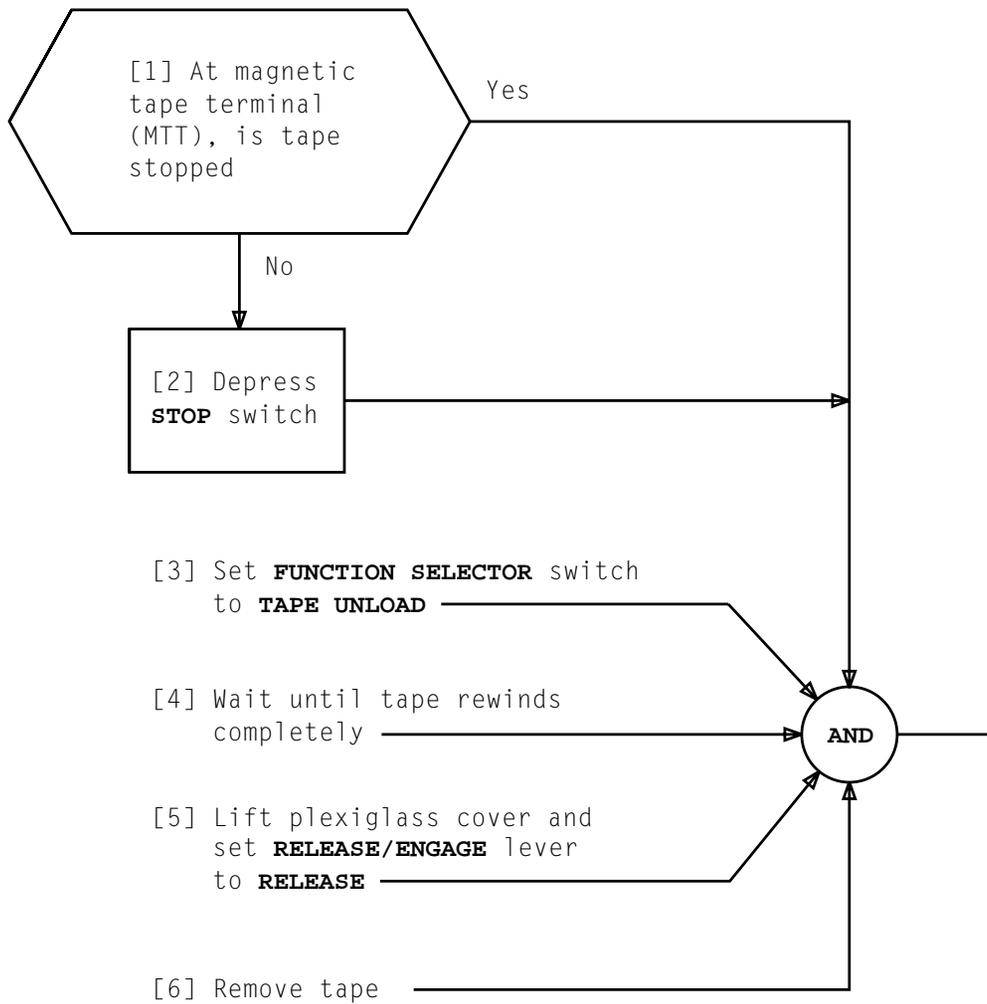
Issue 1	SEP 1994
234-152-208	DLP
PAGE 2 of 3	501

MOUNT TAPE ON TAPE TRANSPORT



MOUNT TAPE ON TAPE TRANSPORT

<i>CAUTION 4</i>	
<i>Closing tape transport door in a harsh manner may upset alignment</i>	
Issue 1	SEP 1994
234-152-208	DLP
PAGE 3 of 3	501



REMOVE TAPE CARTRIDGE FROM MTT

Issue 1	SEP 1994
234-152-208	DLP
PAGE 1 of 1	502

At Magnetic Tape Terminal (MTT):

[1] Set **FUNCTION SELECTOR** switch to **STOP CODES-EOT**

[2] Lift plexiglass cover

[3] Set **RELEASE-ENGAGE** lever to **RELEASE**

[4] Unwind approximately 6 inches of tape from cartridge

[5] Verify that write inhibit "button" is installed in bottom of tape cartridge (side with label)

[6] Place tape cartridge on MTT

[7] Thread tape through read/write heads

[8] Insert plastic tape header into slot in take-up reel

[9] Set **RELEASE-ENGAGE** lever to **ENGAGE**

[10] Close plexiglass cover

Tape cartridge mounted on MTT

AND

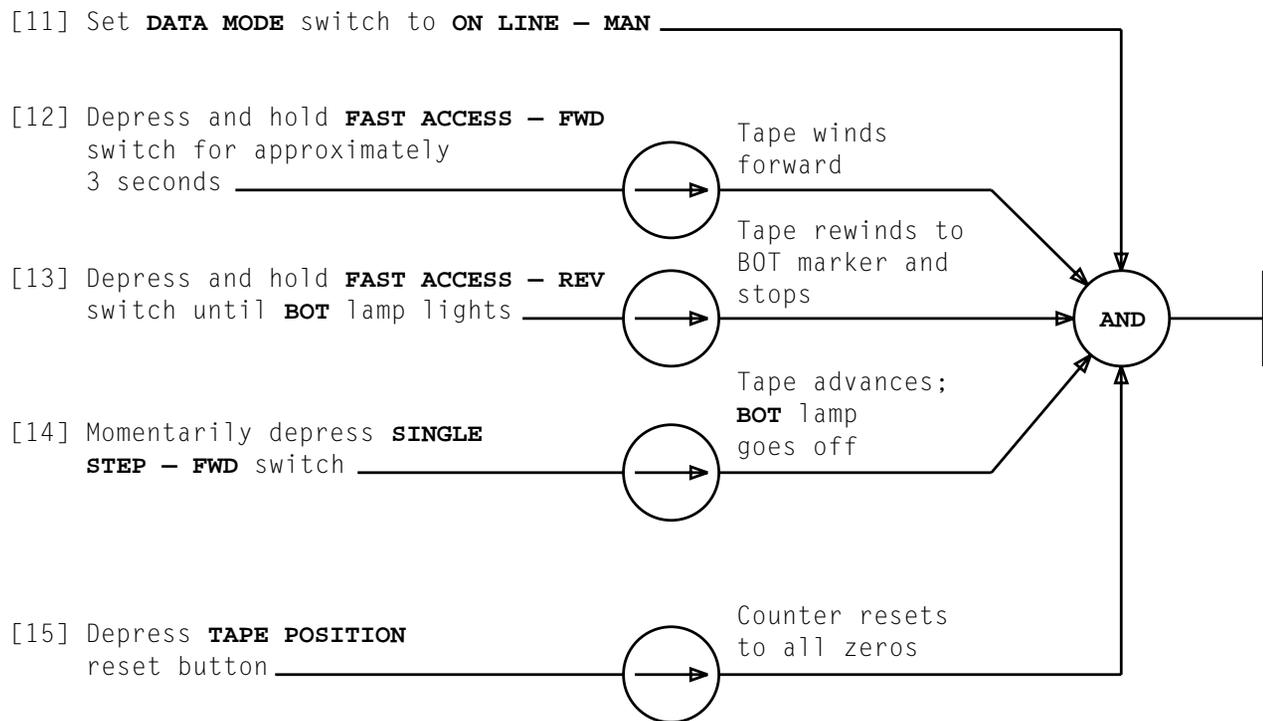
Tape threaded

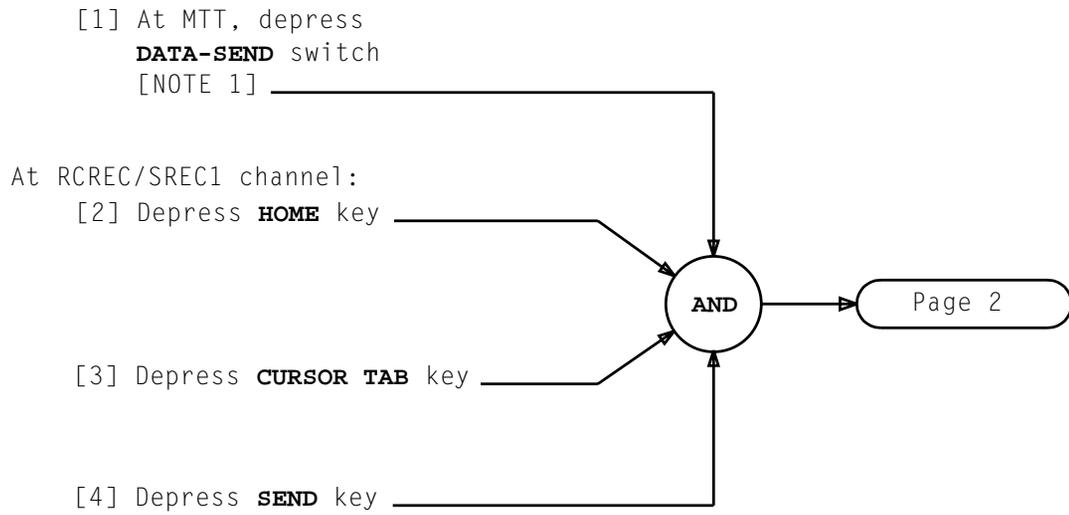
AND

Page 2

MOUNT TAPE CARTRIDGE ON MAGNETIC TAPE TRANSPORT (MTT)

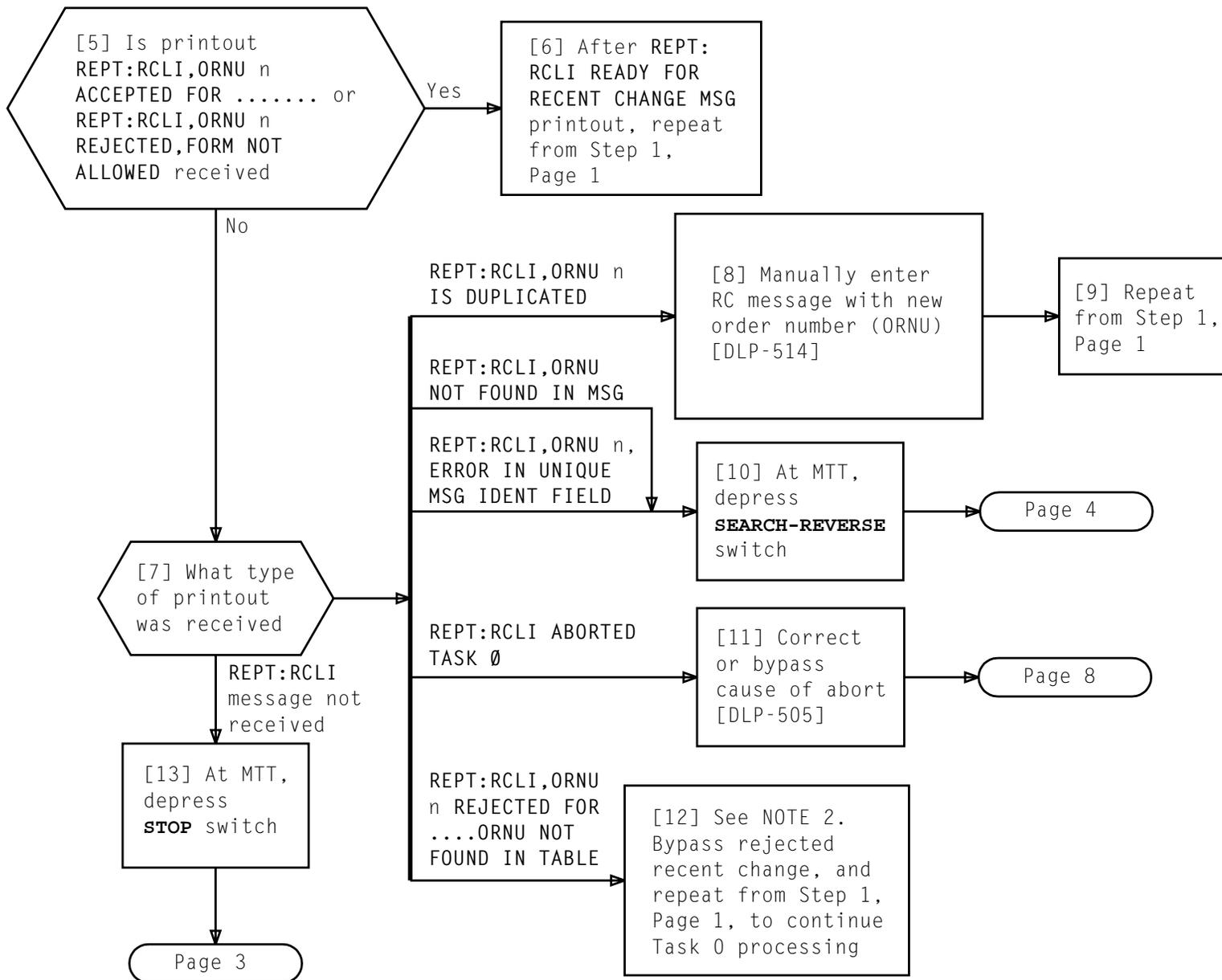
Issue 1	SEP 1994
234-152-208	DLP
PAGE 1 of 2	503



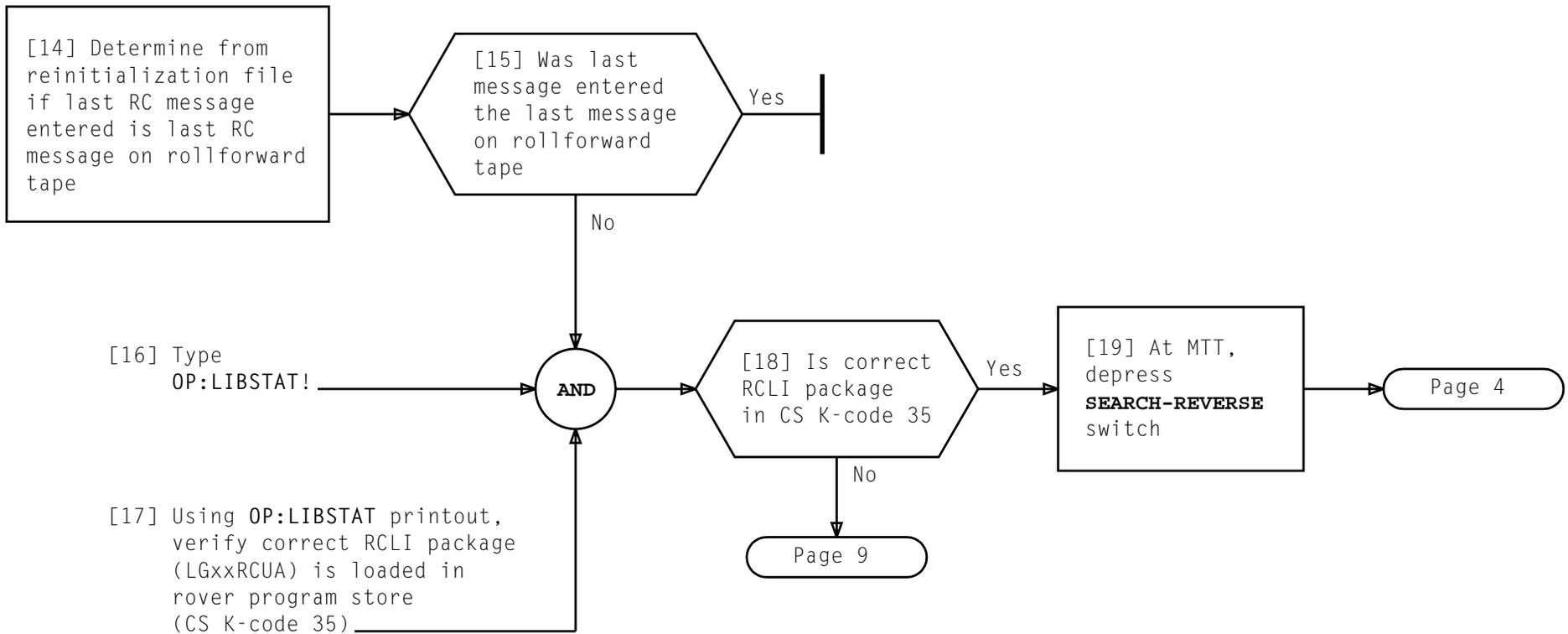


**ENTER RECENT CHANGE MESSAGES FROM ROLLFORWARD TAPE —
RECENT CHANGE UPDATE LIBRARY PROGRAM (RCLI)**

NOTE 1	
For the 4E20 Retrofit, no manual entry is required for any RC forms	
Issue 1	SEP 1994
234-152-208	DLP
PAGE 1 of 10	504



NOTE 2 Rejected RC should be resolved per local procedures	
Issue 1	SEP 1994
234-152-208	DLP
PAGE 2 of 10	504



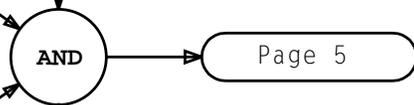
[20] At MTT, after tape stops,
depress **DATA-SEND**
switch [NOTE 3]

At RCREC/SREC1 channel:

[21] Depress **HOME** key

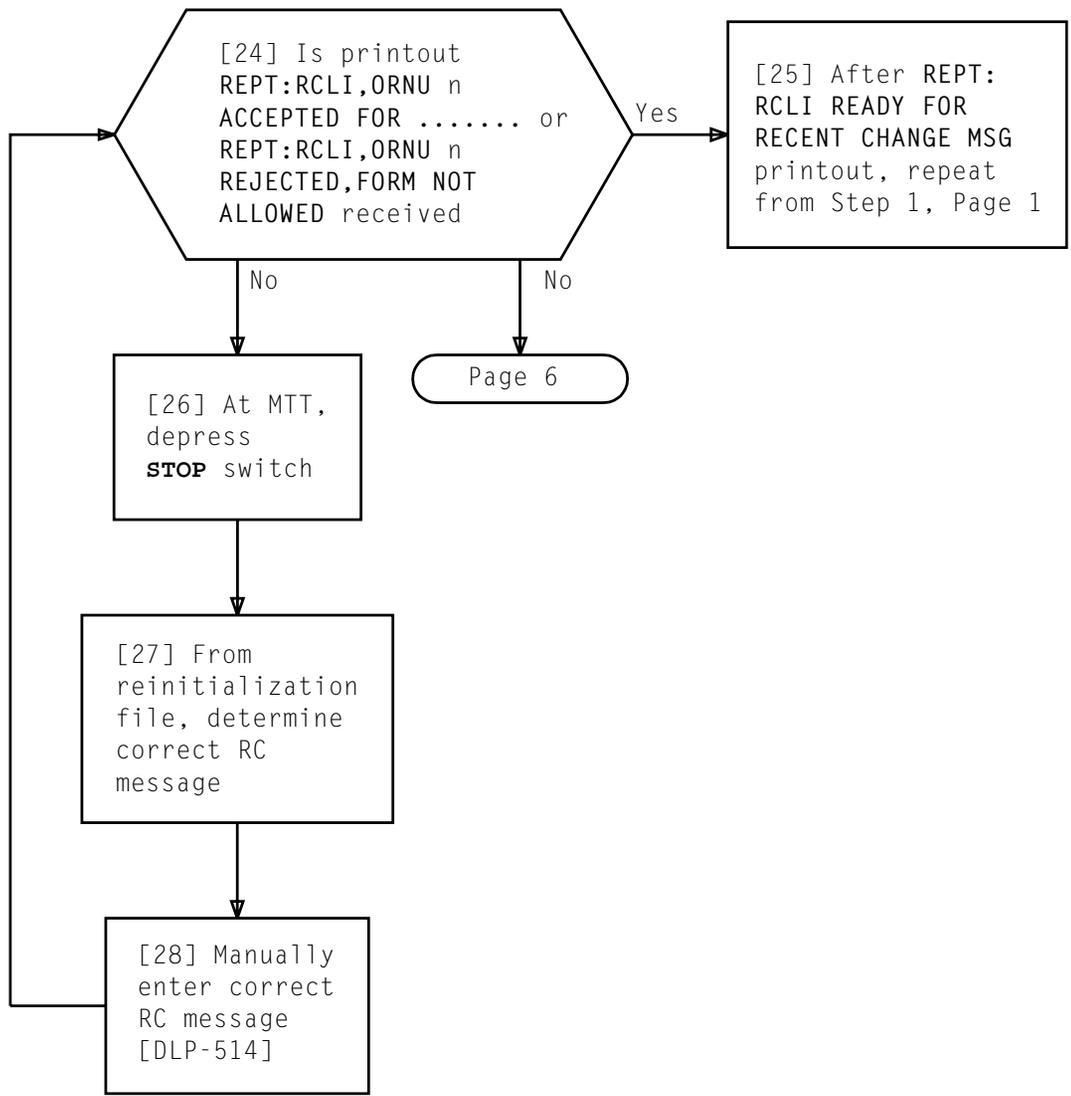
[22] Depress **CURSOR TAB** key

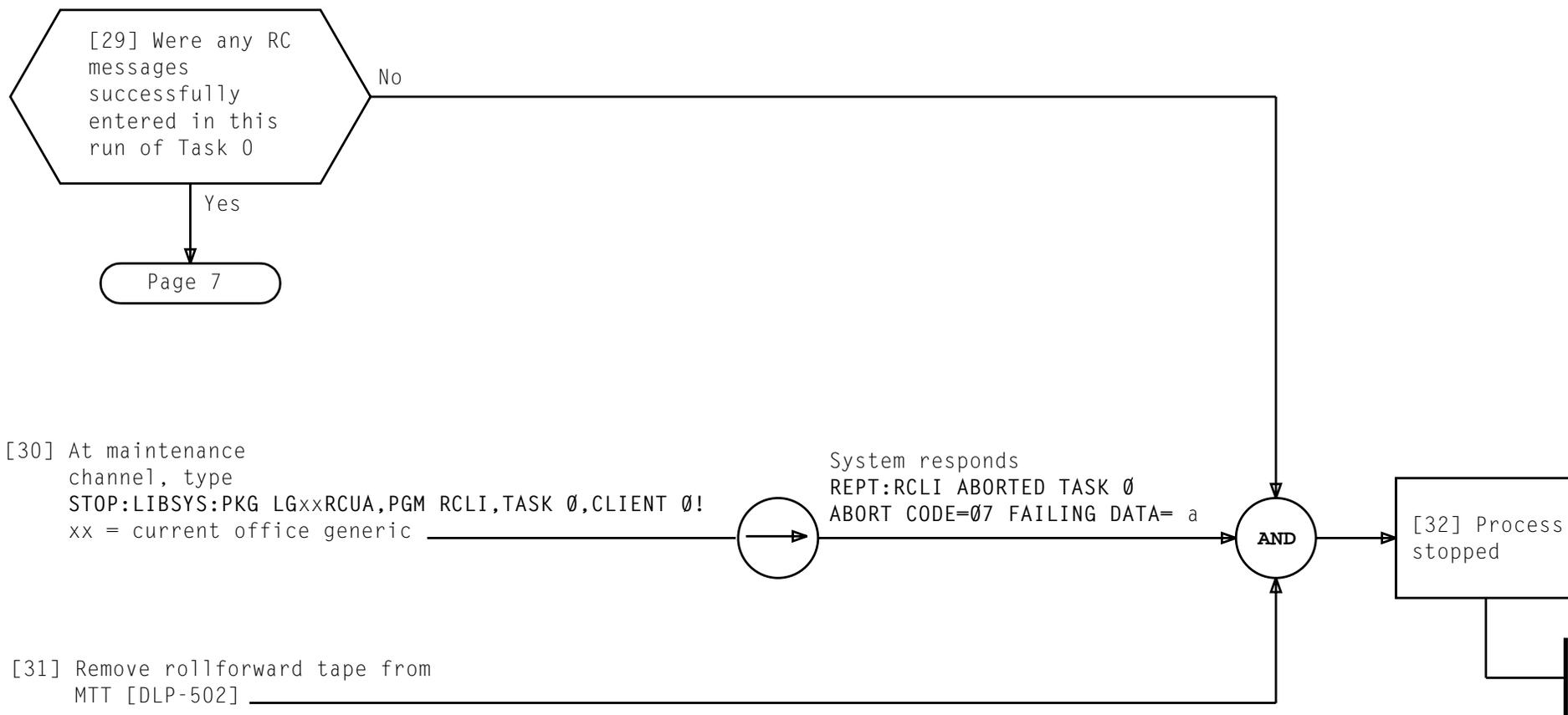
[23] Depress **SEND** key



**ENTER RECENT CHANGE MESSAGES FROM ROLLFORWARD TAPE —
RECENT CHANGE UPDATE LIBRARY PROGRAM (RCLI)**

NOTE 3 For the 4E20 Retrofit, no manual entry is required for any RC forms	
Issue 1	SEP 1994
234-152-208	DLP
PAGE 4 of 10	504





[33] At maintenance channel, type
IN:LIBSYS:CLIENT 0,SET 7!

[34] At MTT, record number on
TAPE POSITION counter and
retain for next run of Task 0

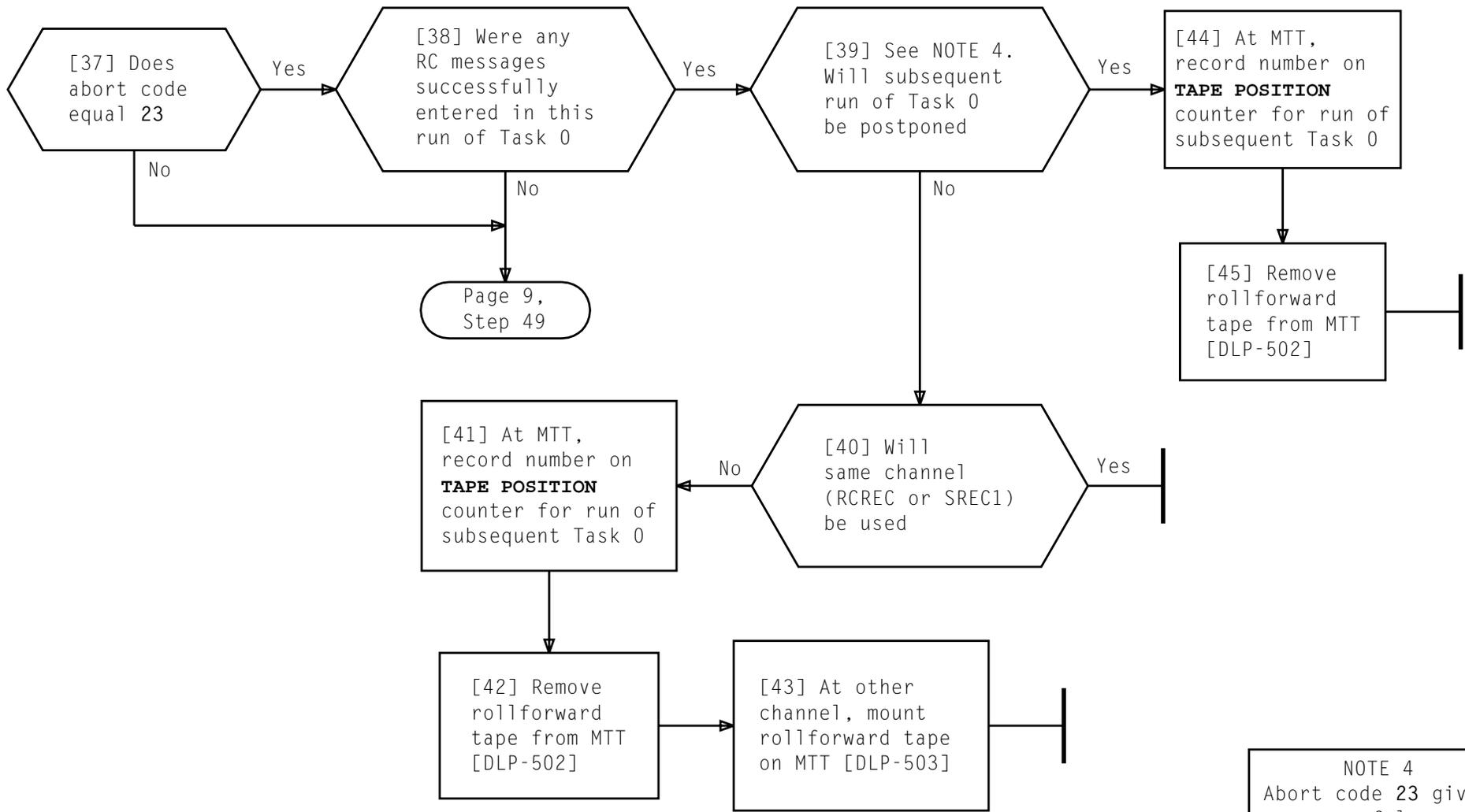
[35] Remove rollforward tape
from MTT [DLP-502]

AND

[36] Process
stopped because
all RC messages
could not be
entered

ENTER RECENT CHANGE MESSAGES FROM ROLLFORWARD TAPE —
RECENT CHANGE UPDATE LIBRARY PROGRAM (RCLI)

Issue 1	SEP 1994
234-152-208	DLP
PAGE 7 of 10	504



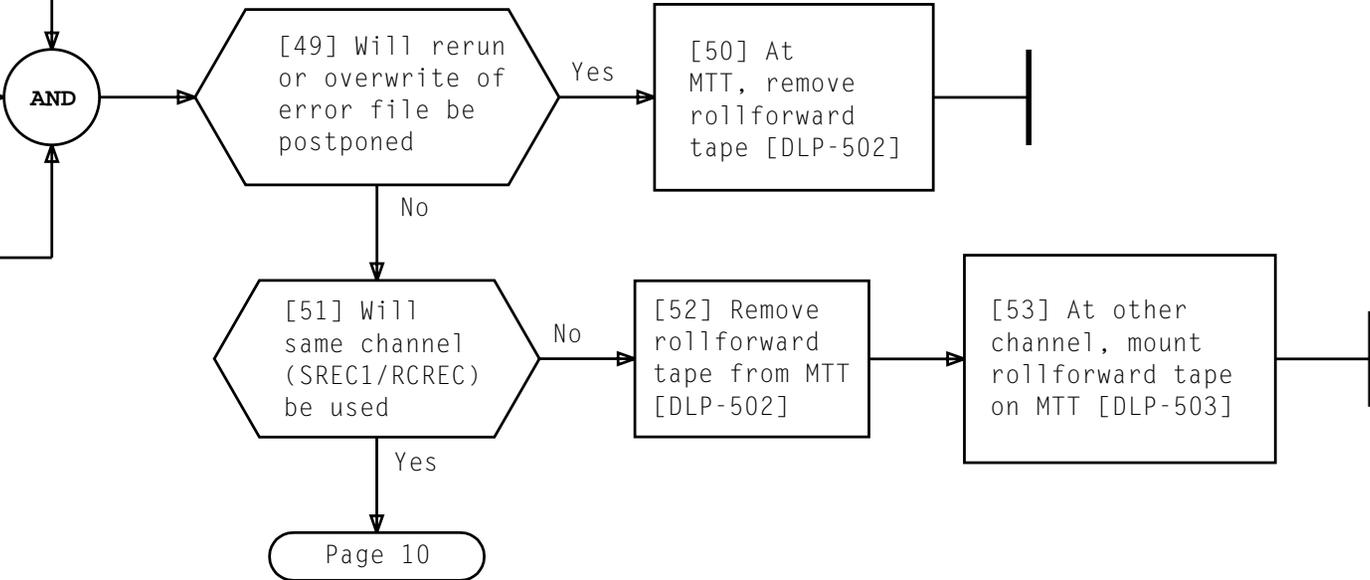
NOTE 4
 Abort code 23 gives a successful run and end of run for Task 0. A subsequent run is needed, starting from next order number (ORNU)

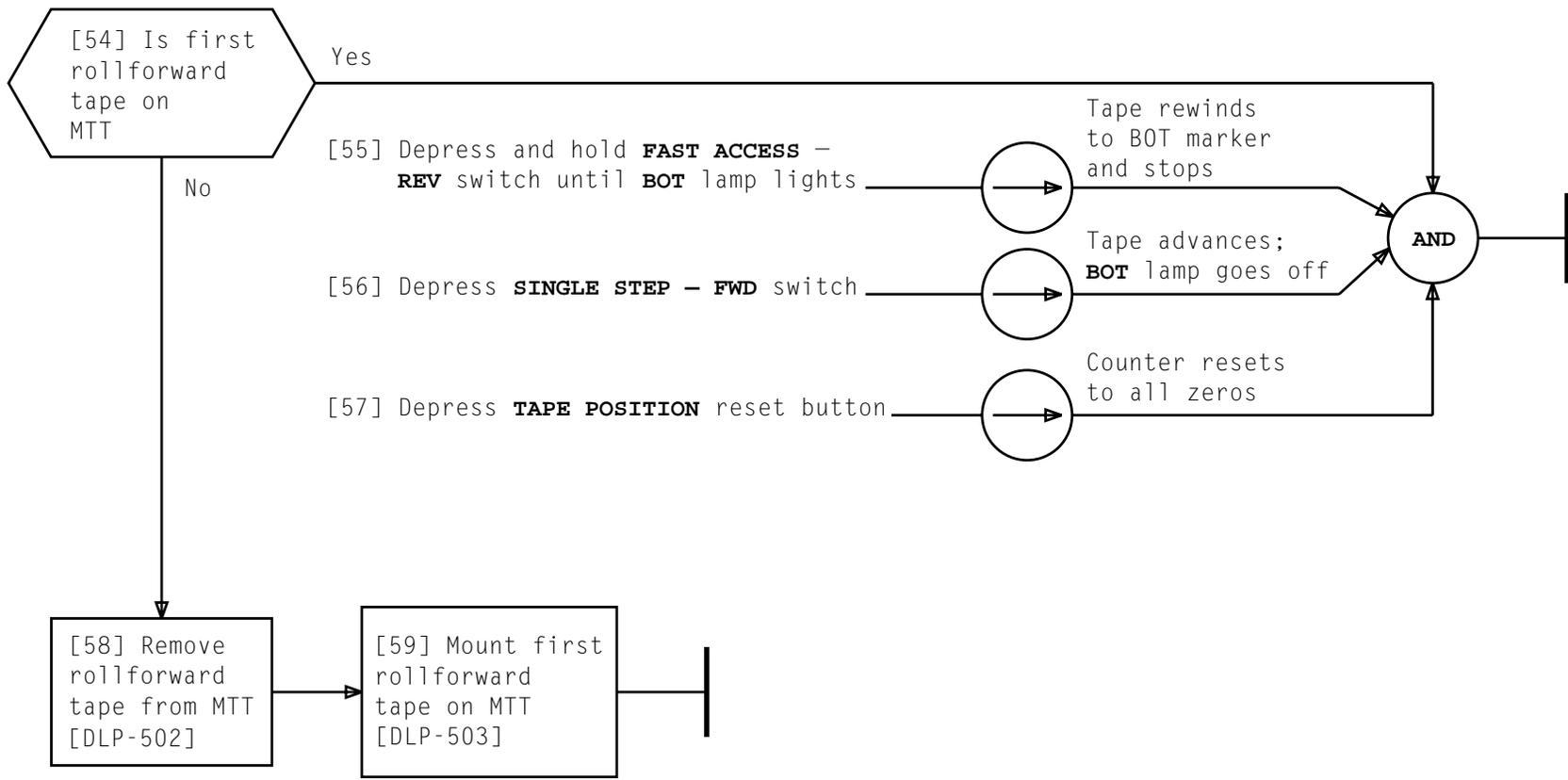
Issue 1	SEP 1994
234-152-208	DLP
PAGE 8 of 10	504

[46] Notify maintenance personnel of loss of rover program store (PS)

[47] At maintenance channel, type CLR:ADSFUNC CPY!

[48] Type CLR:ADSFUNC UTL!

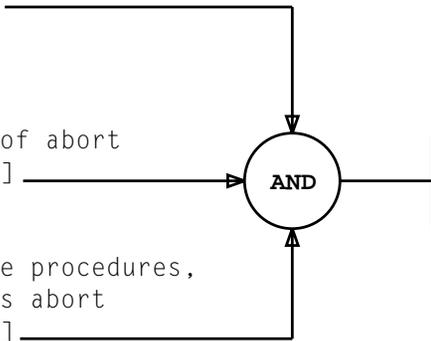




[1] Obtain program listing
PR-4A908 and technical
assistance from appropriate
support organization,
as required, for analysis
of abort printout
[FIG. 1, Page 2]

[2] Determine cause of abort
[TABLE A, Page 3]

[3] Using appropriate procedures,
correct or bypass abort
[TABLE B, Page 3]



**CORRECT OR BYPASS CAUSE OF ABORT — RECENT CHANGE
UPDATE LIBRARY PROGRAM (RCLI)**

Issue 1	SEP 1994
234-152-208	DLP
PAGE 1 of 3	505

```
M 12 REPT: RCLI ABORTED TASK n
      ABORT CODE = a FAILING DATA = b
      FAILING ADDRESS = ABS c REL d
      START ADDRESS OF RCLI PROGRAM = e
      CC REGS
      F = ff  G = gg  J = jj  K = kk
      L = ll  X = xx  Y = yy  Z = zz
```

LEGEND:

n = task number
a = abort code (See TABLE A)
b = recovery procedure code (See TABLE B)
c = absolute address in program store
 K-code 36 (PS K-code 36) where failure
 occurred or close to
d = failing address relative to start of RCLI
e = absolute start address of RCLI in
 PS K-code 36
ff thru zz = contents of CC registers at time
 of abort

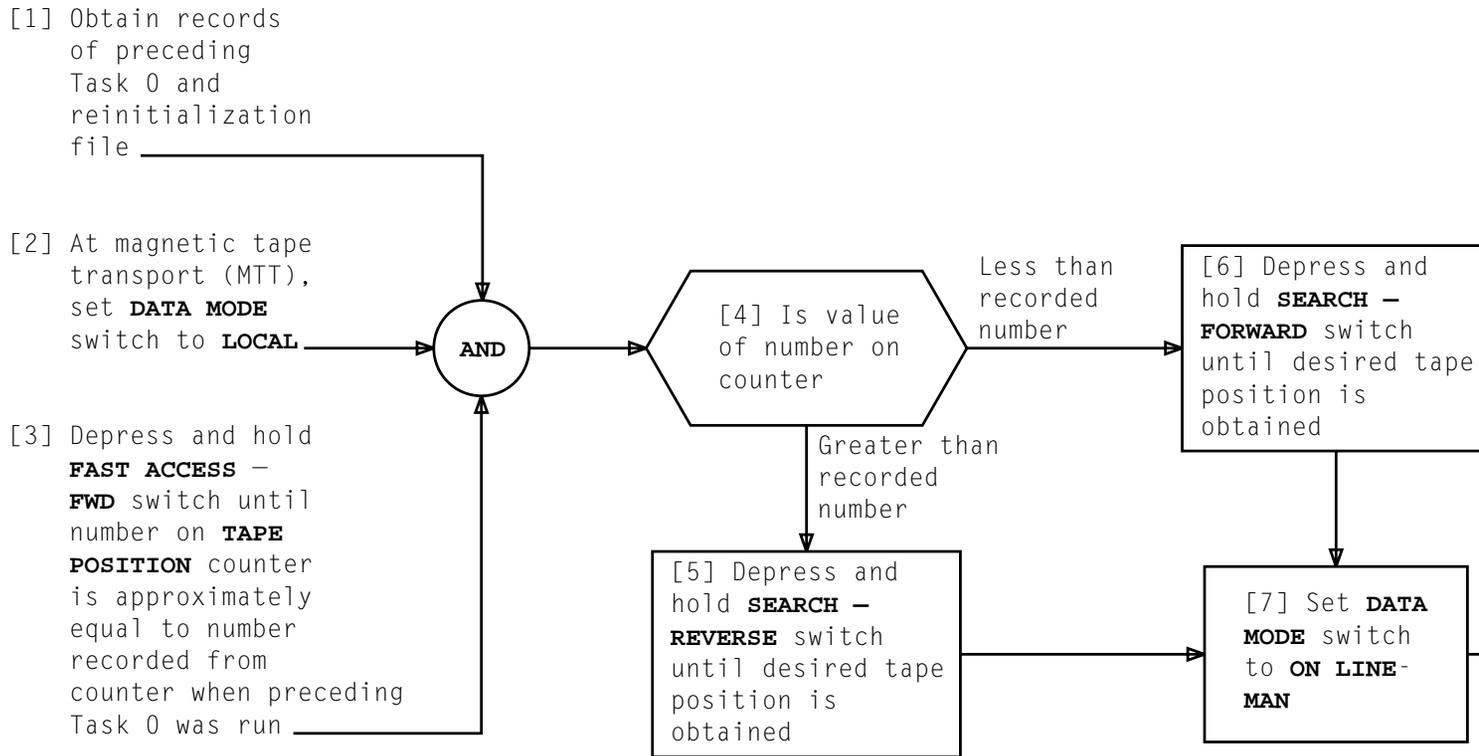
FIG. 1 – Sample Abort Printout With Legend

TABLE A		
ABORT CODE	DESCRIPTION	TASK AFFECTED
03	Time-out waiting for delay return	All
06	Maintenance interrupt	All
07	Stop message or interrupt in active system	All
20	Improper package use	0, 3
21	Tape failure	All
22	Time-out waiting for input message	All
23	Time-out waiting for RC message	0
24	Error in segment	All
25	Library system interface problem	All
26	RC System not idle	0, 3
27	Error in order number	1, 2
28	Stopped to take TWRP	3

TABLE B		
RECOVERY PROCEDURE CODE		
TASK	RECOVERY PROCEDURE CODE	PROCEDURE
Initial 0	—	Restart*
Subsequent 0	1	Restart*
	2	Overwrite Error File
1	—	Restart
2	—	Restart
3	—	Restart††
<p>* Except abort code 23 resulting in successful run and end of run for Task 0. Subsequent run is needed starting from the next order number (ORNU)</p> <p>† If abort code 28, Task 3 is resumed starting with next ORNU</p>		

**CORRECT OR BYPASS CAUSE OF ABORT — RECENT CHANGE
UPDATE LIBRARY PROGRAM (RCLI)**

Issue 1	SEP 1994
234-152-208	DLP
PAGE 3 of 3	505



**LOCATE STARTING POSITION OF PARTIALLY RUN ROLLFORWARD TAPE —
TASK 0 — RECENT CHANGE UPDATE LIBRARY PROGRAM (RCLI)**

Issue 1	SEP 1994
234-152-208	DLP
PAGE 1 of 1	506

[1] See CAUTION 1 and NOTE 1.
 At MCC **SYSTEM STATUS** panel,
 depress **RESTRICT RECENT
 CHANGES** pushbutton

**RESTRICT
 RECENT CHANGES**
 lamp lights

[2] At RCREC/SREC1, type
AUD:NUM (43,44,45)! (approximately
 20 minutes should be allowed for
 audits to run)

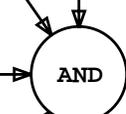
[3] Remove rollforward tape cartridge
 from MTT [DLP-502] or remove rollforward
 diskette from floppy disk unit; label,
 and store per local instructions

[4] Mount new rollforward tape cartridge
 on MTT [DLP-508] or insert new rollforward
 diskette into floppy disk unit

[5] Select available TUC and, if tape
 is mounted, demount tape [DLP-500]

[6] Mount oldest ODA tape (with
 write enable ring installed) [DLP-501]

Audits 43,
 44, and 45
 started



Tape
 mounted

Page 2

NOTE 1
 Three pairs of
 backup ODA tapes,
 containing last
 three RC updates,
 are kept in office.
 These tapes are
 rotated with oldest
 tapes being
 rewritten when an RC
 update is performed

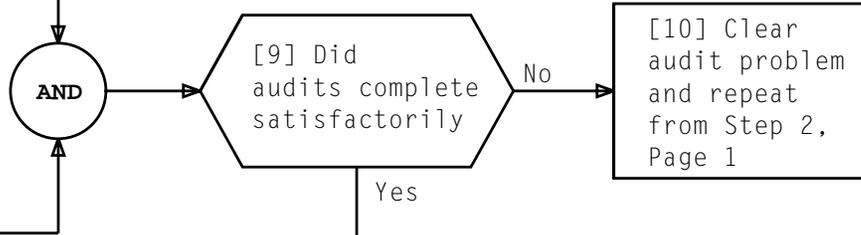
CAUTION 1
*Certain system
 audits are
 inhibited during
 tape writing;
 therefore, tape
 writing should be
 done during light
 traffic periods*

Issue 1	SEP 1994
234-152-208	DLP
PAGE 1 of 4	507

WRITE BACKUP ODA TAPE (TWRP WRITE)

[7] At RCREC/SREC1, type
CLR:ADSFUNC CPY!

[8] Wait for audits to complete.
(Type AUD:NUM (43,44,45)!
every few minutes to ensure
audits have not been
interrupted)



[11] Type
SET:TUC a;FUNCTION CPY!
a = TUC member number

Tape header
information
printed

[12] Check tape header information.
If tape is erasable,
type ALW:TUC a:RW!
a = TUC member number

AND

[14] Is
second audit
verification of
tape required
(SAST)

Page 3

[13] See NOTE 2. Type
COPY:ODA;TAPE:VFY!

Tape starts
writing

Page 4

NOTE 2
After ODA tape is written,
COPY:ODA;TAPE COMPLdate
and time are printed.
Tape will then rewind and
be verified. After
verification has been
completed
COPY:VFY;TAPE COMPL
is printed followed by
REPT:DEMOUNT TAPE FROM
TUC a message

Issue 1	SEP 1994
234-152-208	DLP
PAGE 2 of 4	507

[15] After tape has been written and verified and
 REPT:DEMOUNT TAPE FROM TUC a message is received,
 demount tape just written [DLP-500] and mount
 on another TUC [DLP-501]

[16] At RCREC/SREC1, type
 SET:TUC a;FUNCTION AUT!
 a = TUC member number

Tape header
 information
 printed

[17] Type ALW:TUC a:RO!
 a = TUC member number

[18] Type AUD:ODA;NCG!

Audit
 begins

AND

SAST in
 progress

[19] See
 NOTE 3. Does
 printout
 indicate any
 map errors

No

Page 4

Yes

[20] Obtain technical
 assistance; correct
 errors, and repeat
 from Step 16

NOTE 3

As audit is being run, the
 following messages will be
 printed if no errors are
 encountered:

```
AUD:ODA;NCG IN PROGRESS
0 ERROR(S) IN CS2FS MAP DETECTED

AUD:ODA;NCG IN PROGRESS
0 ERROR(S) IN ID2FS MAP DETECTED

AUD:ODA;NCG IN PROGRESS
0 ERROR(S) IN HASH TABLES DETECTED

AUD:ODA;NCG IN PROGRESS TAPE DONE
AWAITING INSTRUCTIONS

REPT: DEMOUNT TAPE FROM TUC a
```

Issue 1	SEP 1994
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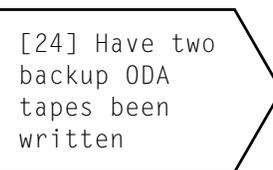
234-152-208	DLP
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PAGE 3 of 4	507
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[21] After REPT:DEMOUNT TAPE FROM TUC a message is received, demount ODA tape [DLP-500]; remove write enable ring, and attach tape retainer strap

[22] Label and store tape per local instructions

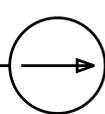
[23] If SAST was performed, type STOP:AUD:ODA!



[25] At TUC, mount next oldest ODA backup tape with write enable ring installed [DLP-501]

[26] Repeat from Step 11, Page 2

[27] At MCC SYSTEM STATUS panel, depress RESTRICT RECENT CHANGES pushbutton



RESTRICT RECENT CHANGES lamp goes off

[28] Determine member number of PS assigned K-Code 34 (OP:PSSTATUS!)

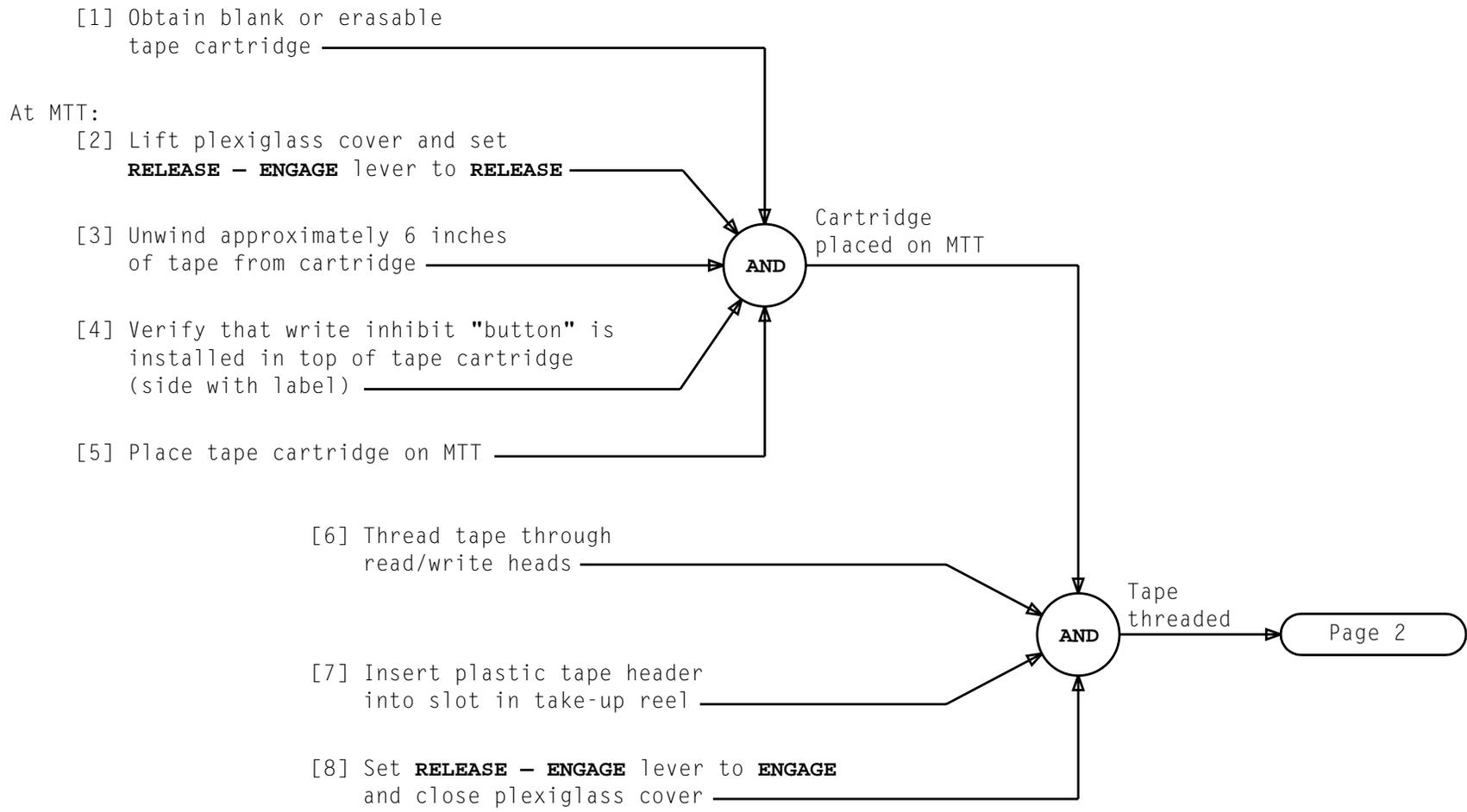


[29] At RCREC/SREC1, type SET:PS a;NORM!
a = member number of PS assigned K-Code 34

[30] Store backup ODA tapes per local instructions

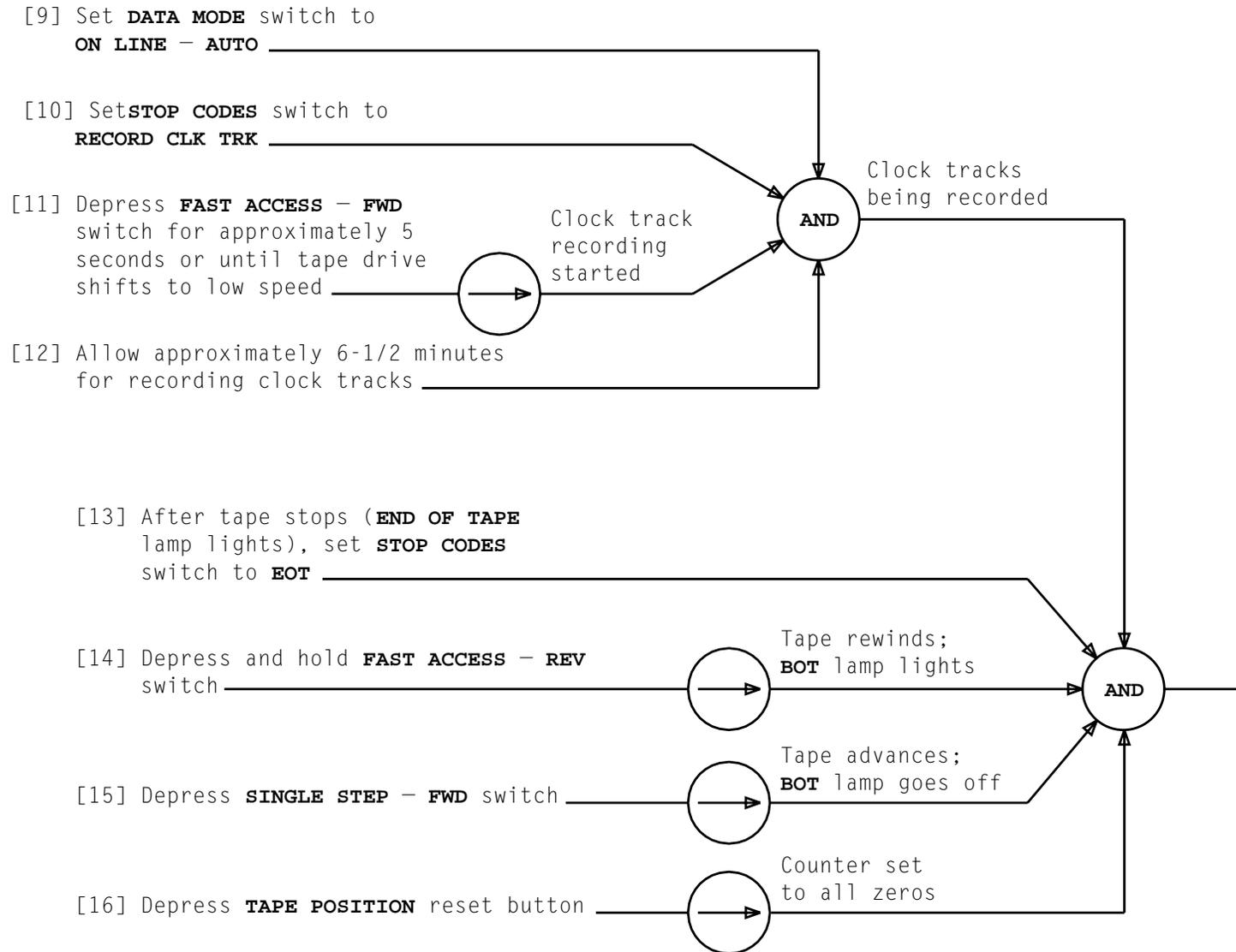
WRITE BACKUP ODA TAPE (TWRP WRITE)

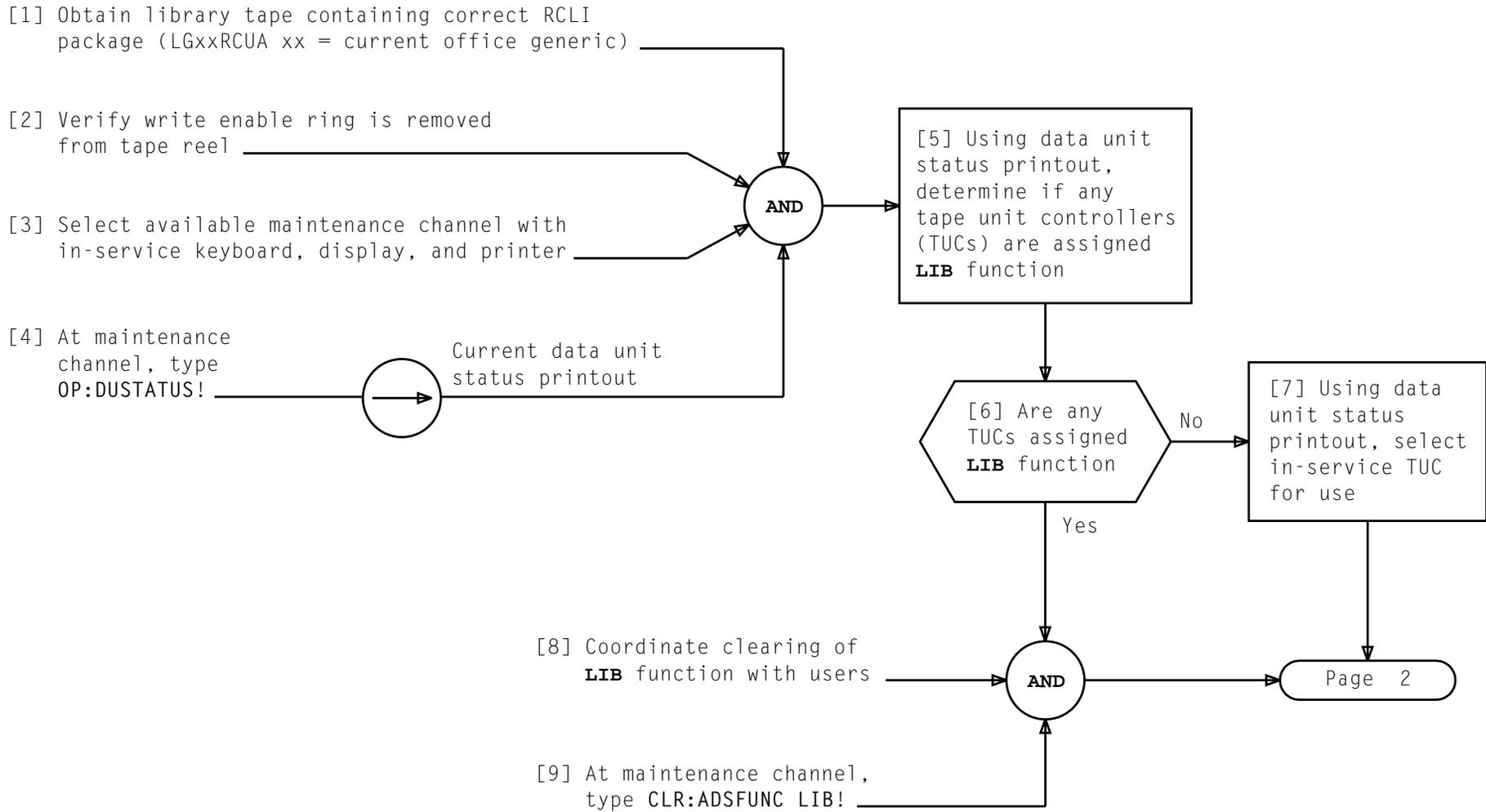
Issue 1	SEP 1994
234-152-208	DLP
PAGE 4 of 4	507



MOUNT NEW ROLLFORWARD TAPE ON MTT

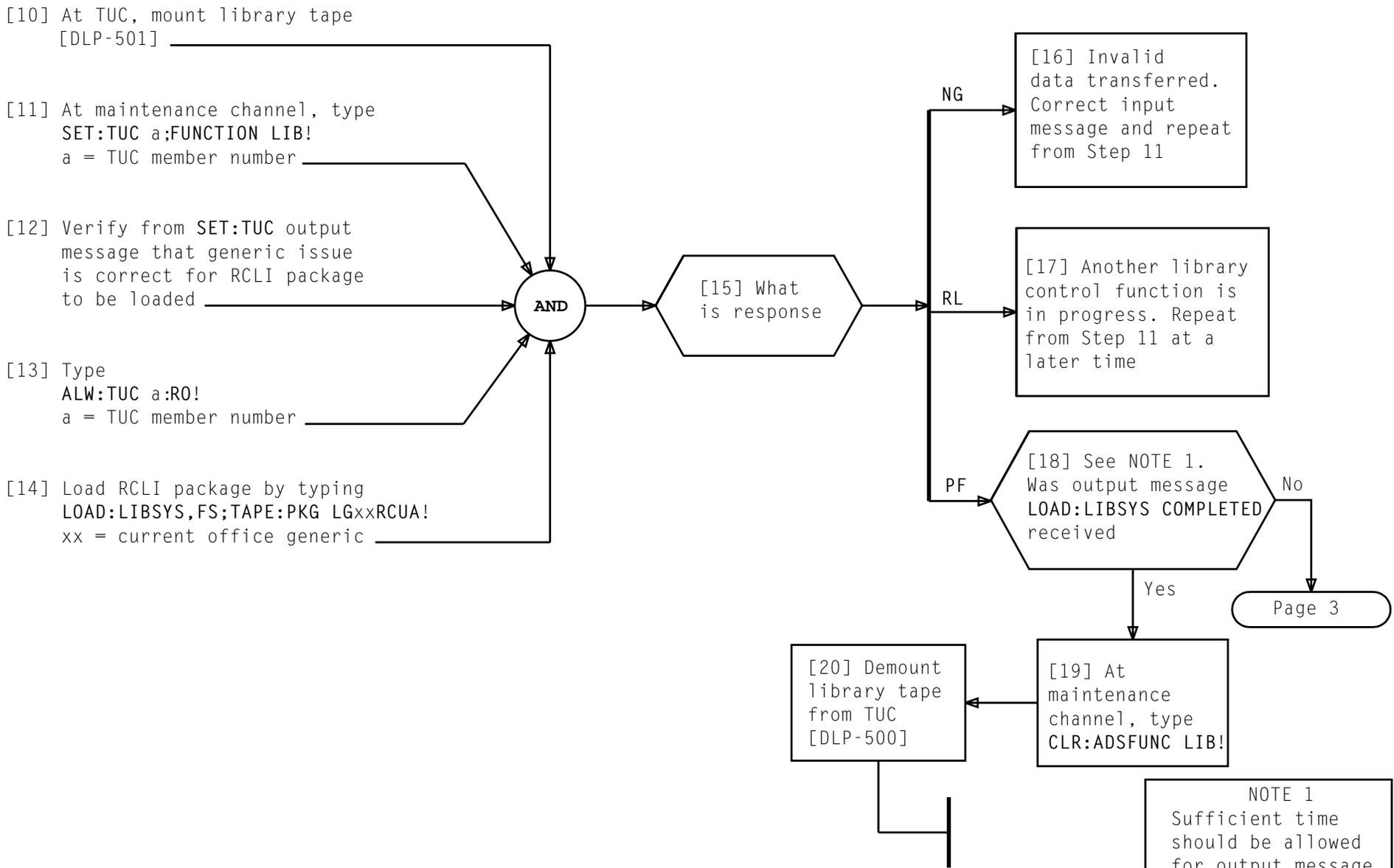
Issue 1	SEP 1994
234-152-208	DLP
PAGE 1 of 2	508





**LOAD RECENT CHANGE UPDATE LIBRARY PROGRAM (RCLI)
PACKAGE IN FILE SYSTEM**

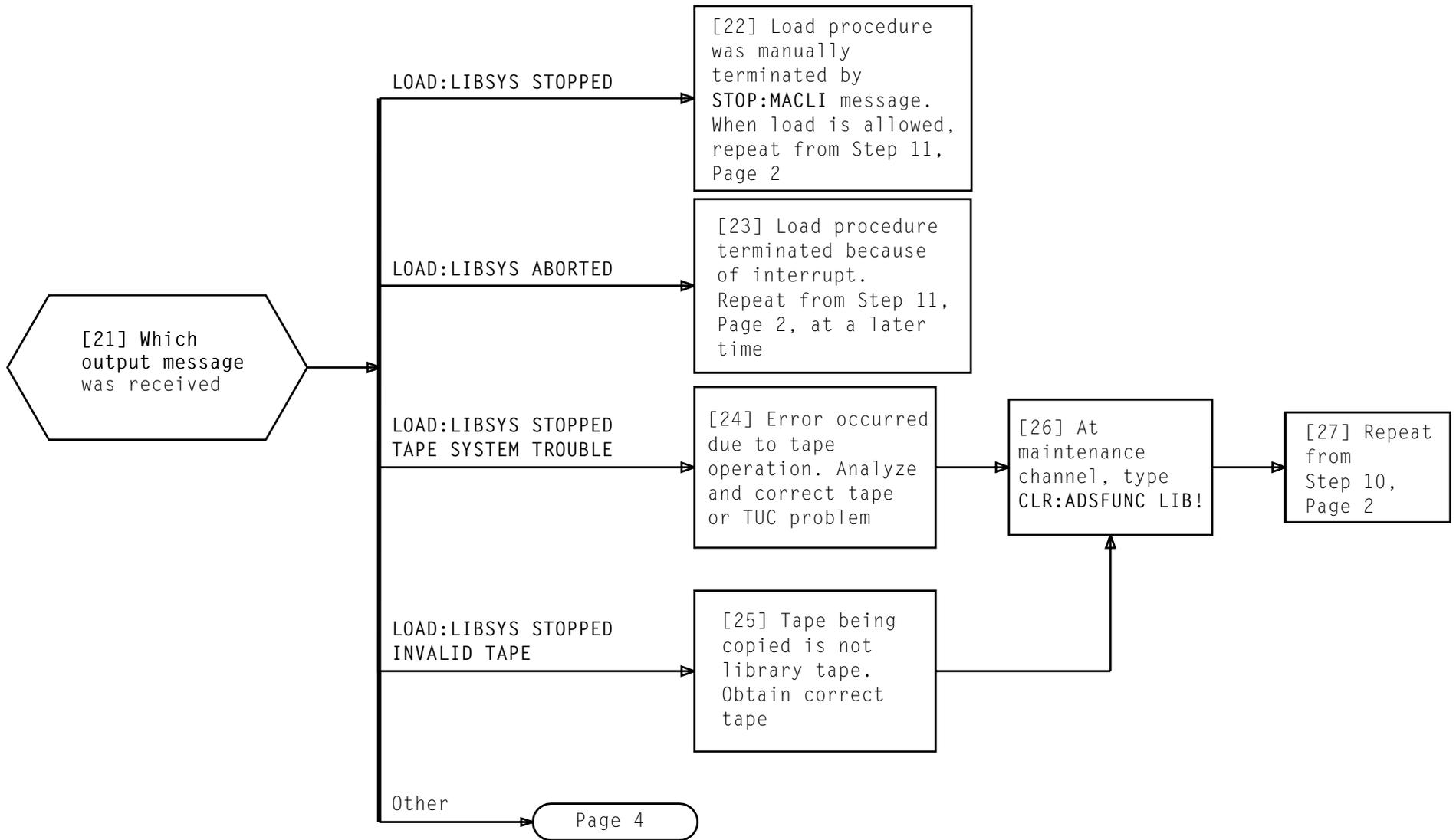
Issue 1	SEP 1994
234-152-208	DLP
PAGE 1 of 4	509

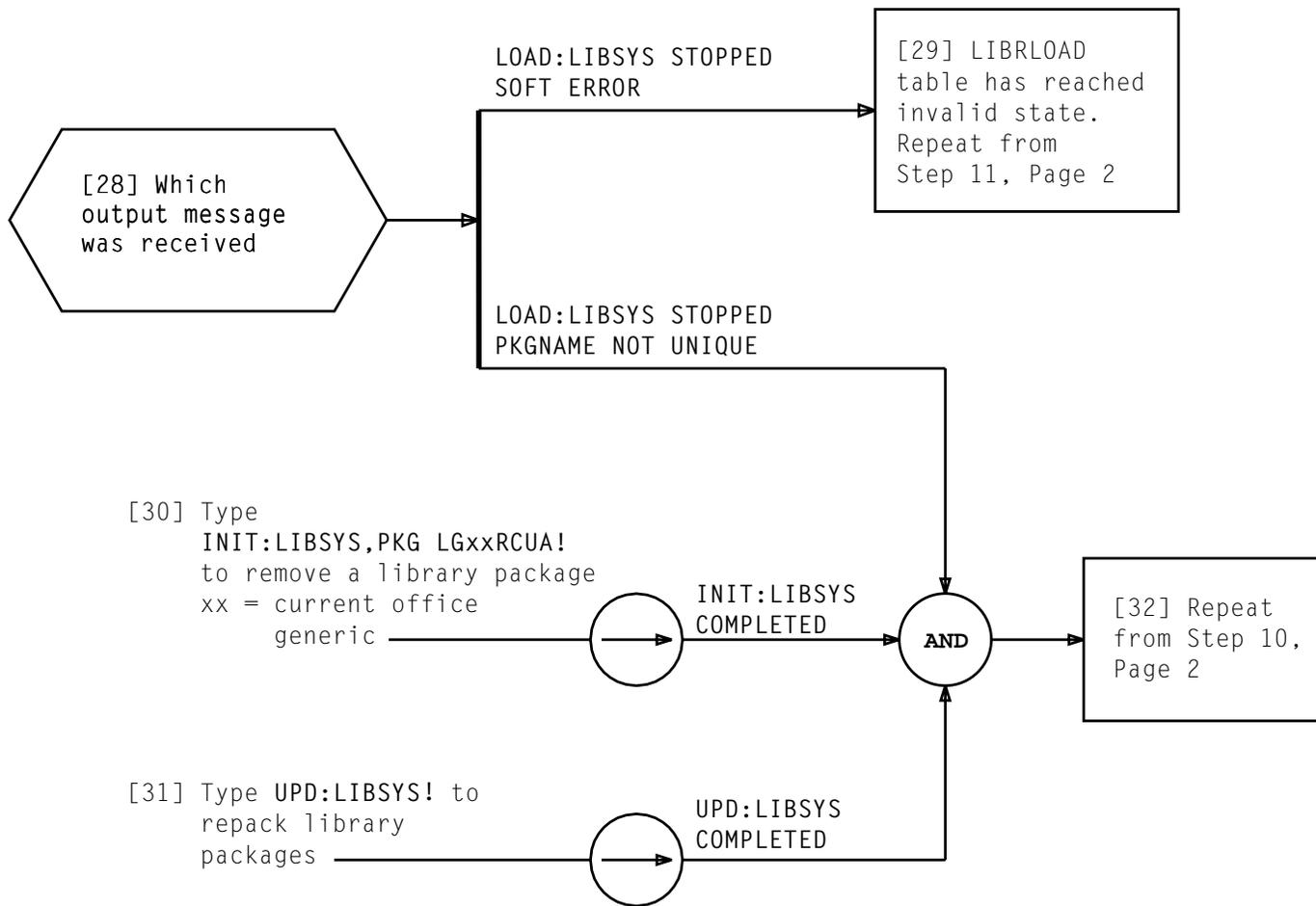


NOTE 1
Sufficient time should be allowed for output message to be printed

Issue 1	SEP 1994
234-152-208	DLP
PAGE 2 of 4	509

**LOAD RECENT CHANGE UPDATE LIBRARY PROGRAM (RCLI)
PACKAGE IN FILE SYSTEM**





**LOAD RECENT CHANGE UPDATE LIBRARY PROGRAM (RCLI)
PACKAGE IN FILE SYSTEM**

Issue 1	SEP 1994
234-152-208	DLP
PAGE 4 of 4	509

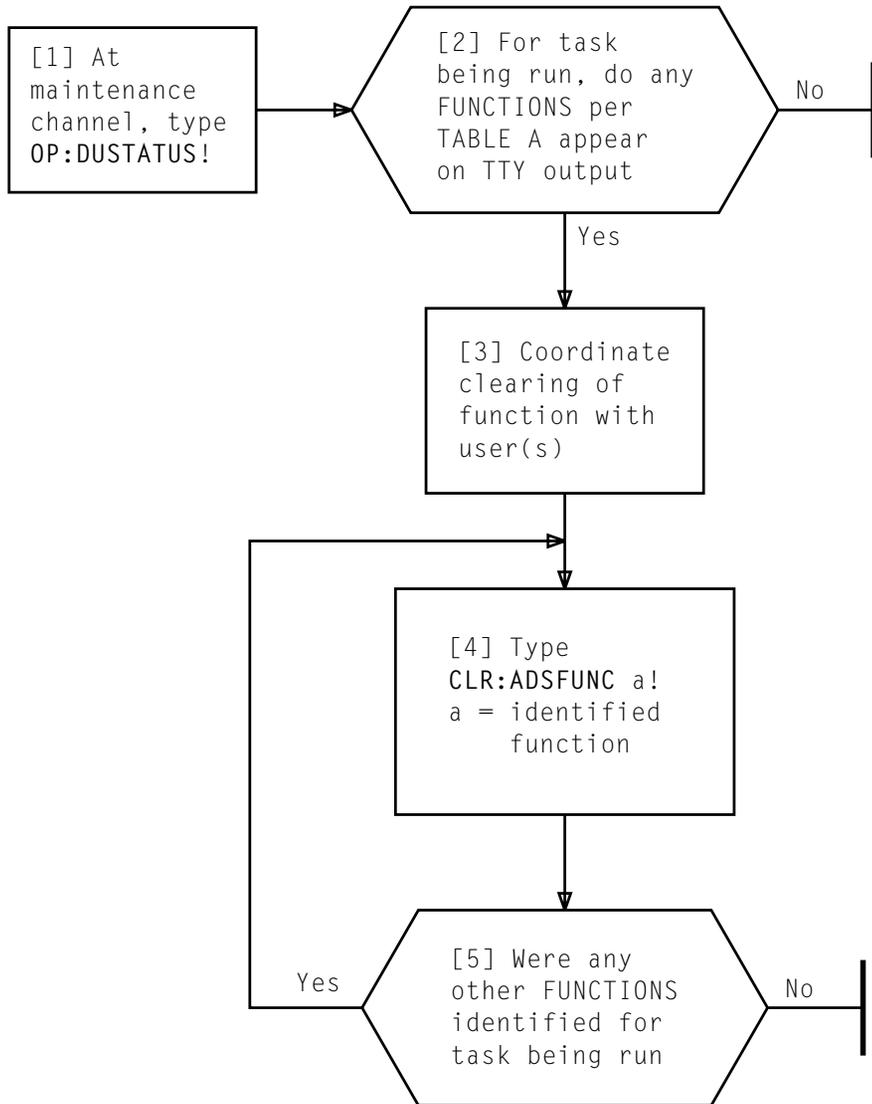


TABLE A	
TASK	FUNCTION
0	CPY or UTL
1	CPY, UTL or UPD
2	UPD or CPY
3	UPD

VERIFY NO TUC IS ASSIGNED FUNCTION REQUIRED BY TASK

[1] At RCREC/SREC1, type
 EX:LIBSYS:PKG LGxxRCUA,PGM RCLI,
 TASK a,CLIENT 0/
 xx = current office generic
 a = task number being run

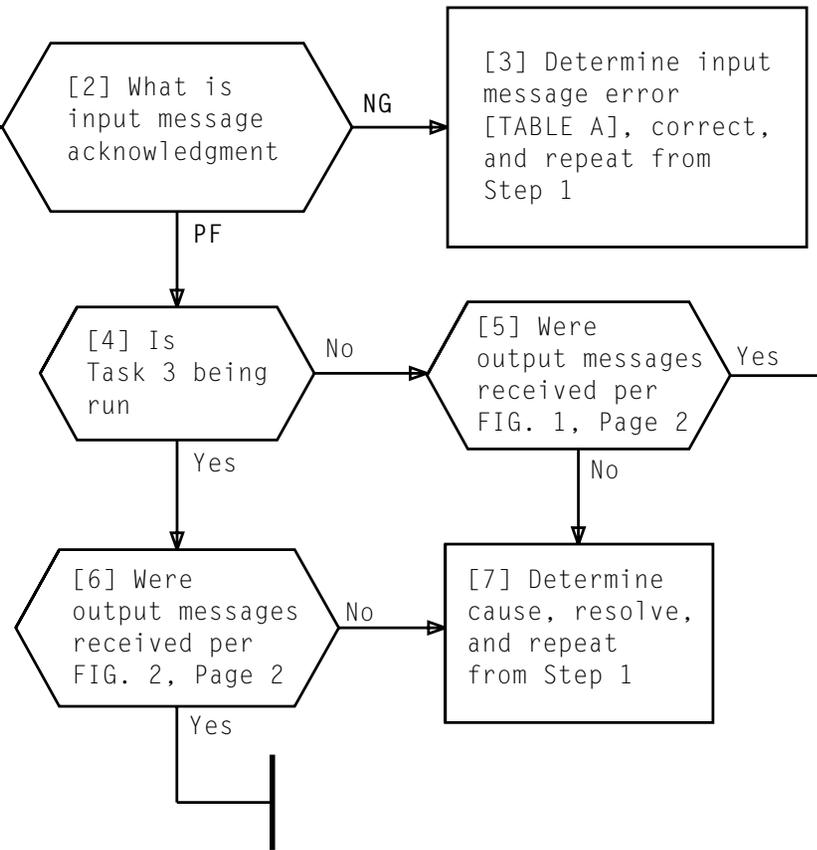


TABLE A	
NG CODE	DEFINITION
061	Invalid combination of keywords specified
064	Package name not specified
065	Program name not specified
066	Task number not specified
067	Internal error detected

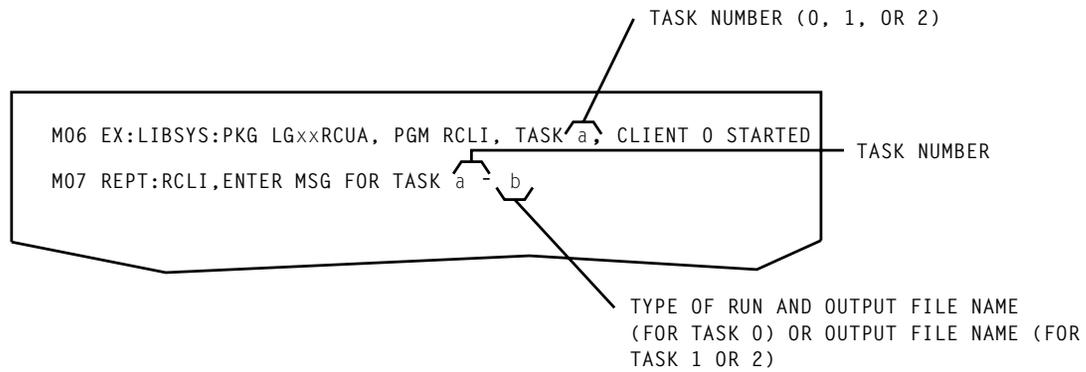


FIG. 1 - Sample Output Messages (Task 0, 1, or 2)

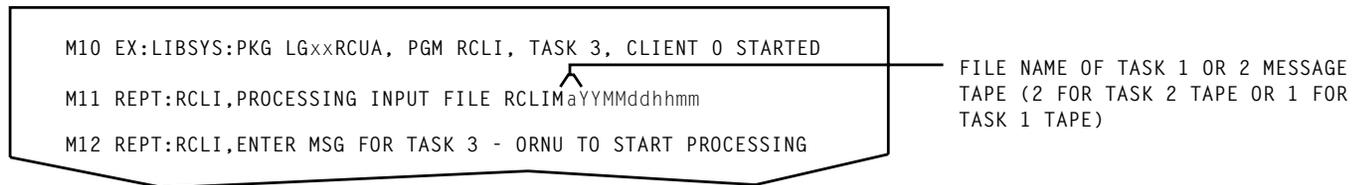
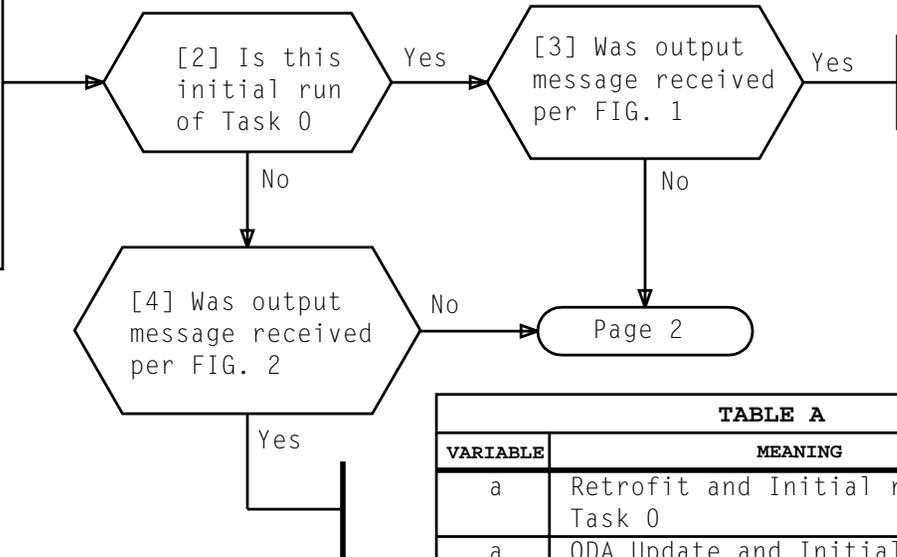


FIG. 2 - Sample Output Messages (Task 3)

[1] At RCREC/SREC1, enter type of run and output file name with the following message:
IN:LIBSYS:CLIENT 0/,SET@,b),ASC(YYMMDDHHmm)!
 YY = current year
 MM = current month
 DD = current day of the month
 HH = current hour (24-hour clock)
 mm = current minute
 [NOTE 1] [TABLE A]



M 10 REPT:RCLI,READY FOR RECENT CHANGE MSG

FIG. 1 - Sample Output Message

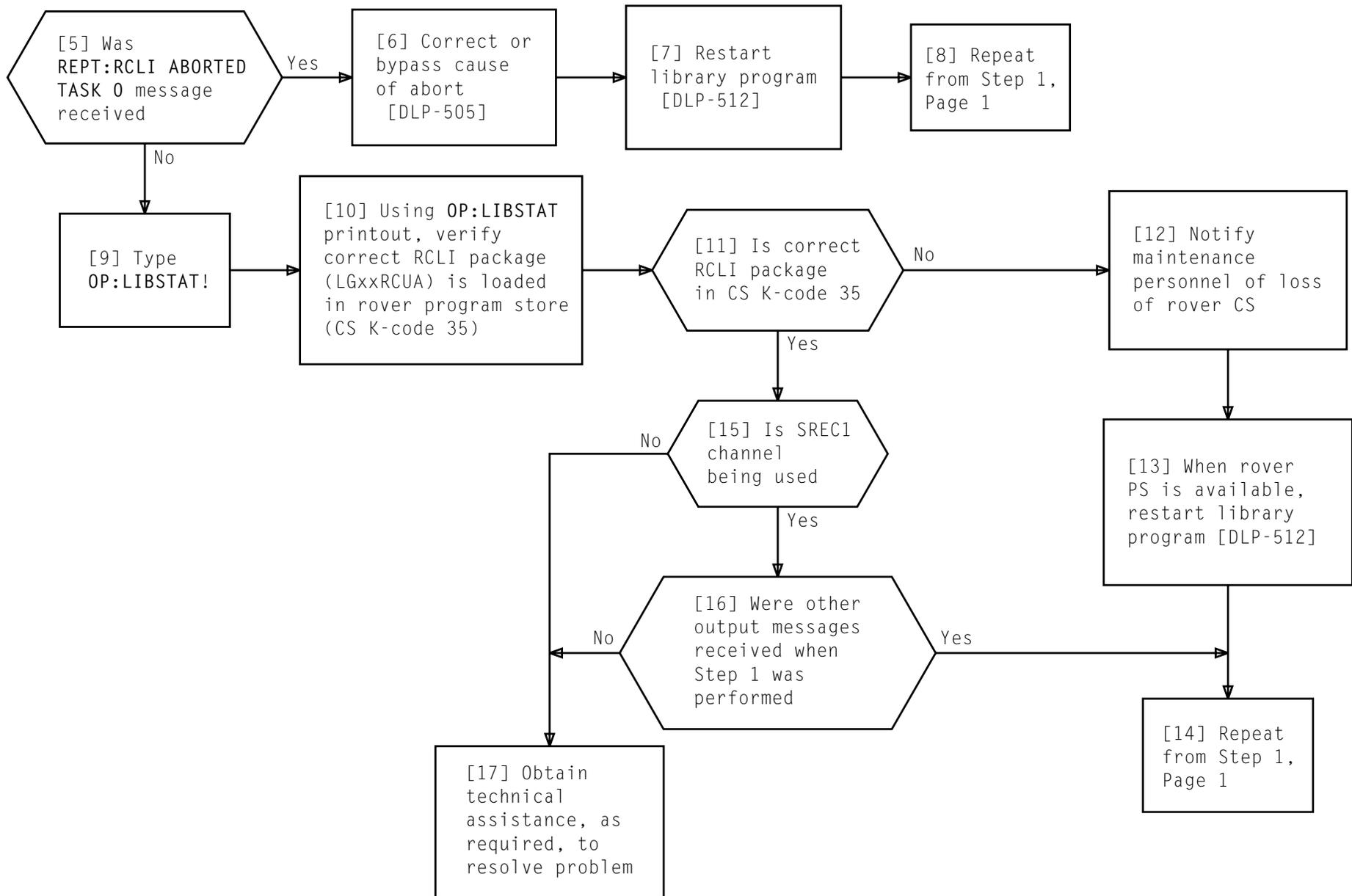
M 36 REPT:RCLI,PROCESSING INPUT FILE RCLIORYYMMDDHHmm

FIG. 2 - Sample Output Message

TABLE A		
VARIABLE	MEANING	USE
a	Retrofit and Initial run of Task 0	0
a	ODA Update and Initial run of Task 0	1
a	Retrofit and Subsequent run of Task 0	2
a	ODA Update and Subsequent run of Task 0	3
b	Overwrite Error File on Multifile OP MSG Tape (Subsequent)	4
b	Normal Run with Scratch Tape (Initial)	5
b	Normal Run with Multifile Tape (Subsequent)	6

NOTE 1 Output file name is YYMMDDHHmm	
Issue 1	SEP 1994
234-152-208	DLP
PAGE 1 of 2	513

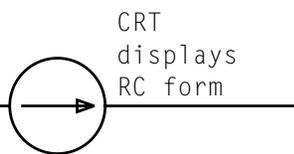
ENTER TYPE OF RUN AND OUTPUT FILE NAME (TASK 0)



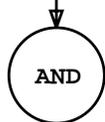
Issue 1	SEP 1994
234-152-208	DLP
PAGE 2 of 2	513

ENTER TYPE OF RUN AND OUTPUT FILE NAME (TASK 0)

[1] See CAUTION 1.
 At RCREC/SREC1, type
OP:RCFORM a!
 a = RC form
 number



CRT
 displays
 RC form



RC form
 entered



[2] See CAUTION 2.
 Complete RC form
 per RC worksheet
 and enter
 [See NOTE 1]

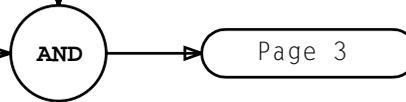
NOTE 1	
For the 4E20 Retrofit, no manual entry is required for any RC forms	
<i>CAUTIONS</i>	
1. <i>Calling up RC form will cause all CRT display data to be cleared</i>	
2. <i>RC messages will be processed without any checks by RC. Errors will not be detected in message until Task 3</i>	
Issue 1	SEP 1994
234-152-208	DLP
PAGE 1 of 5	514

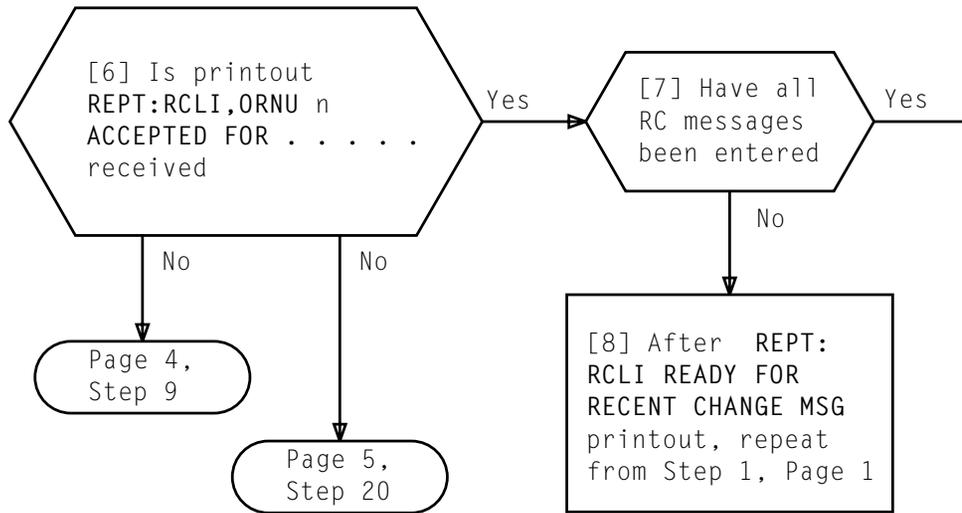
At RCREC/SREC1 channel:

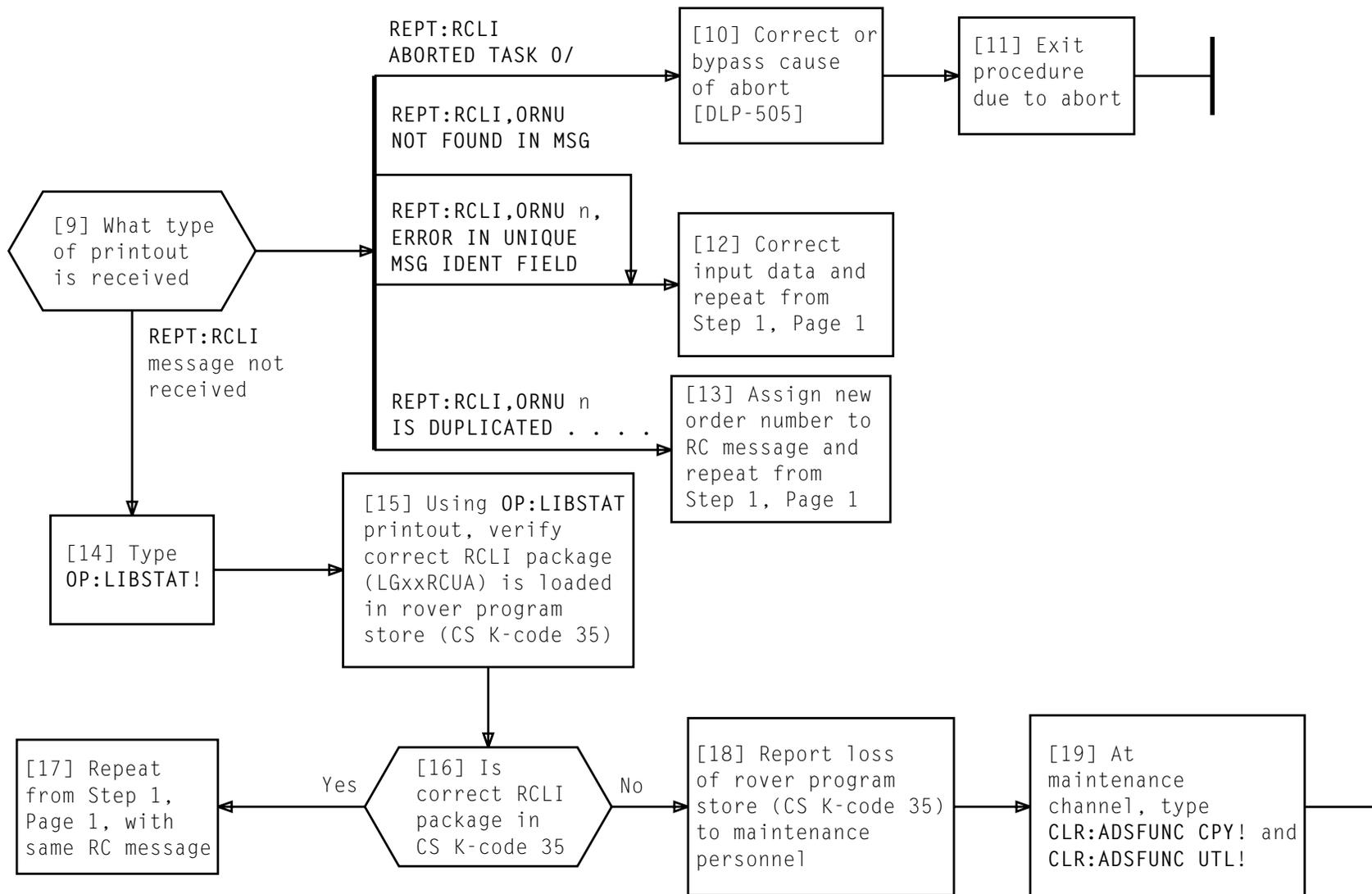
[3] Depress **HOME** key

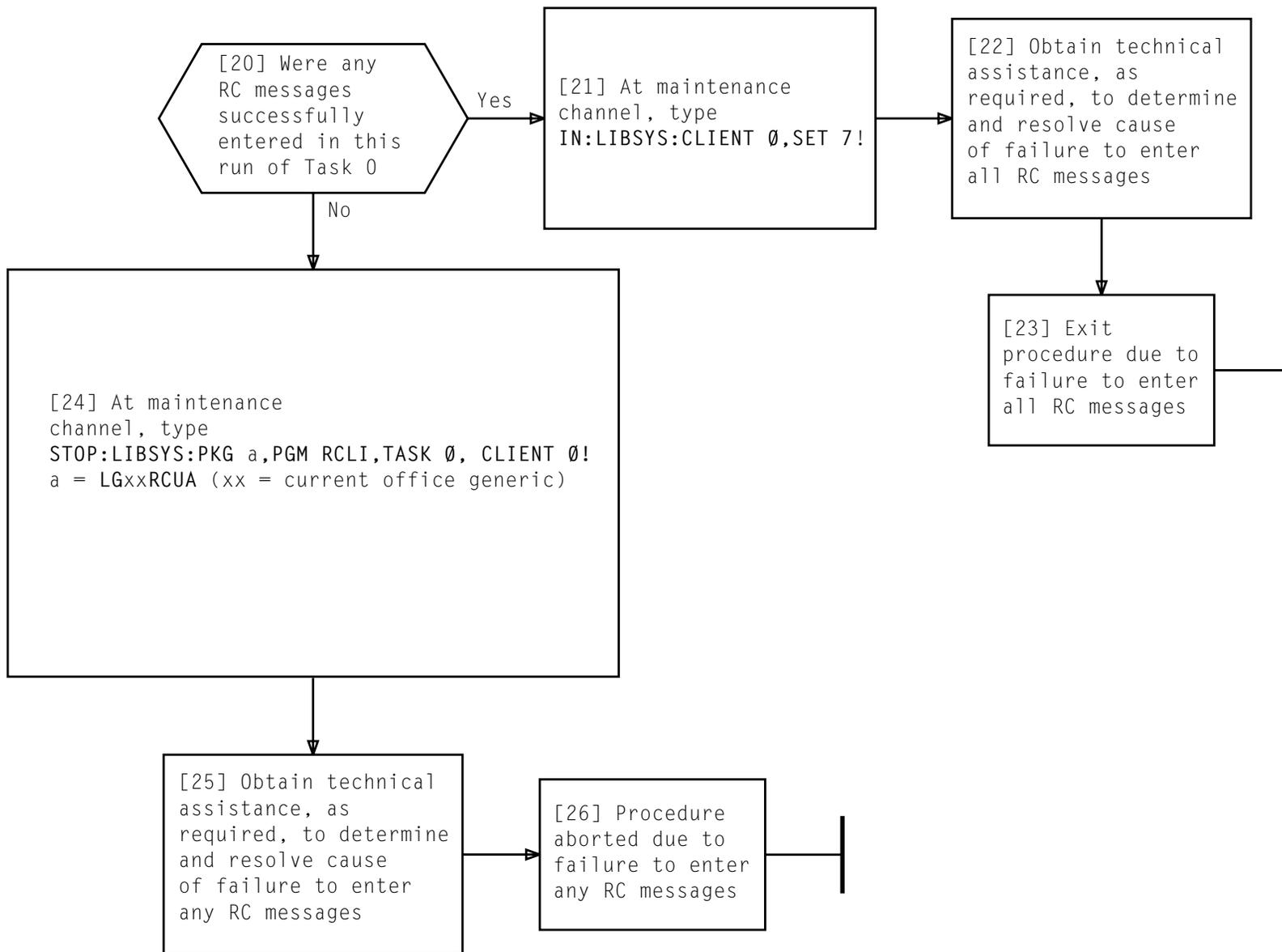
[4] Depress **CURSOR TAB** key

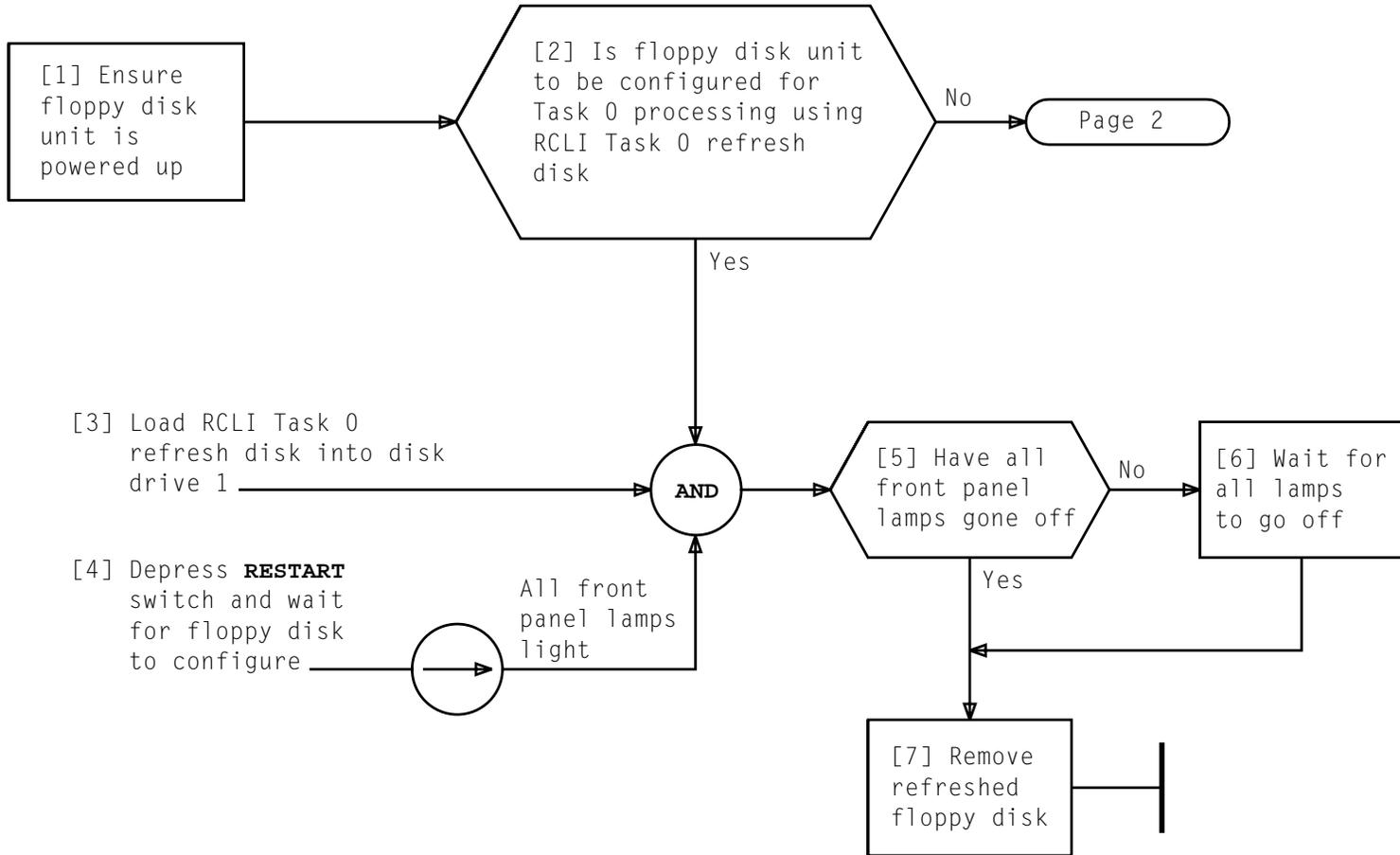
[5] Depress **SEND** key





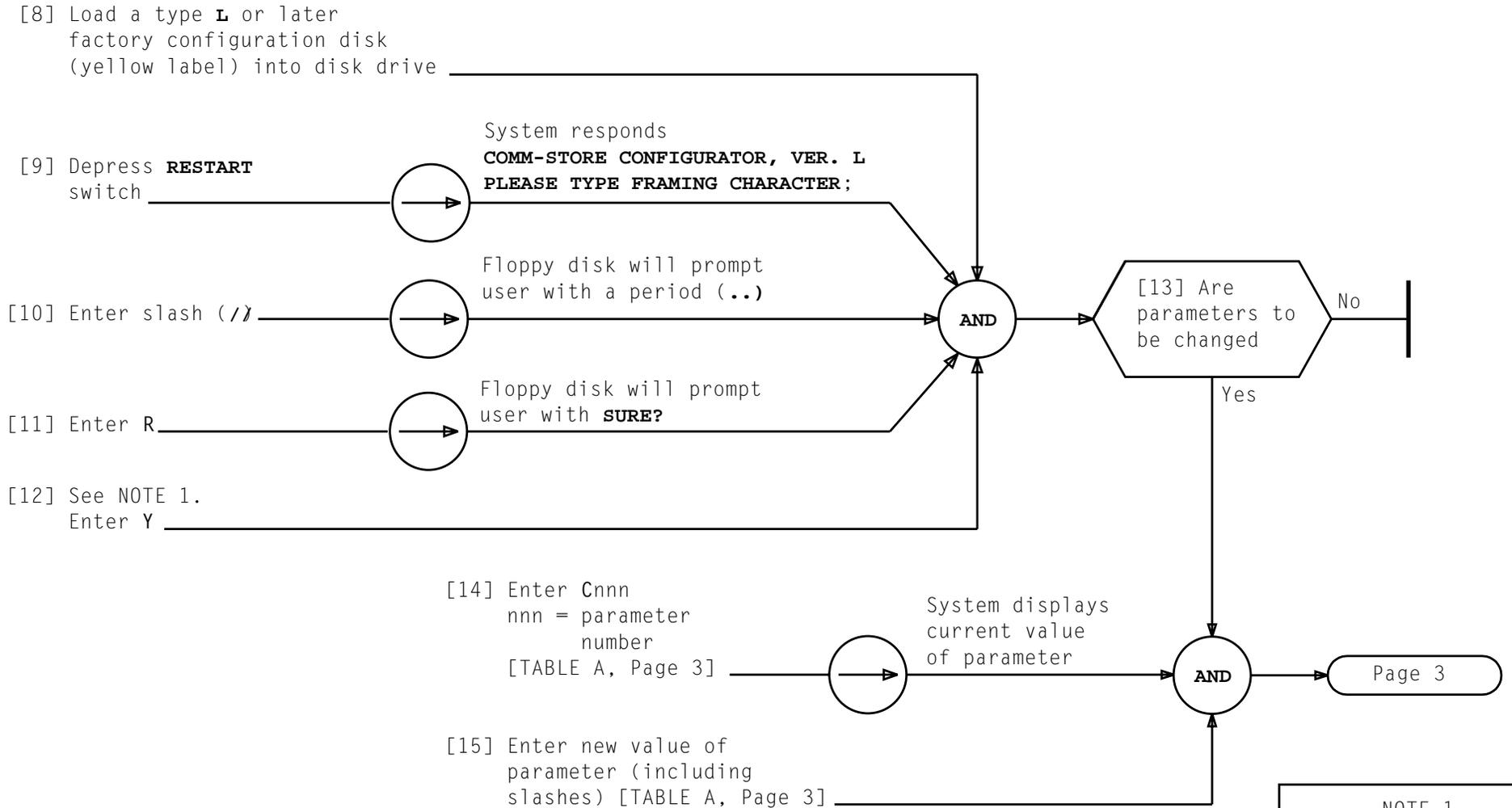






CONFIGURE FLOPPY DISK UNIT FOR RCLI TASK 0 PROCESSING

Issue 1	SEP 1994
234-152-208	DLP
PAGE 1 of 3	515



NOTE 1	
Factory configuration is initialized in floppy disk's configuration memory	
Issue 1	SEP 1994
234-152-208	DLP
PAGE 2 of 3	515

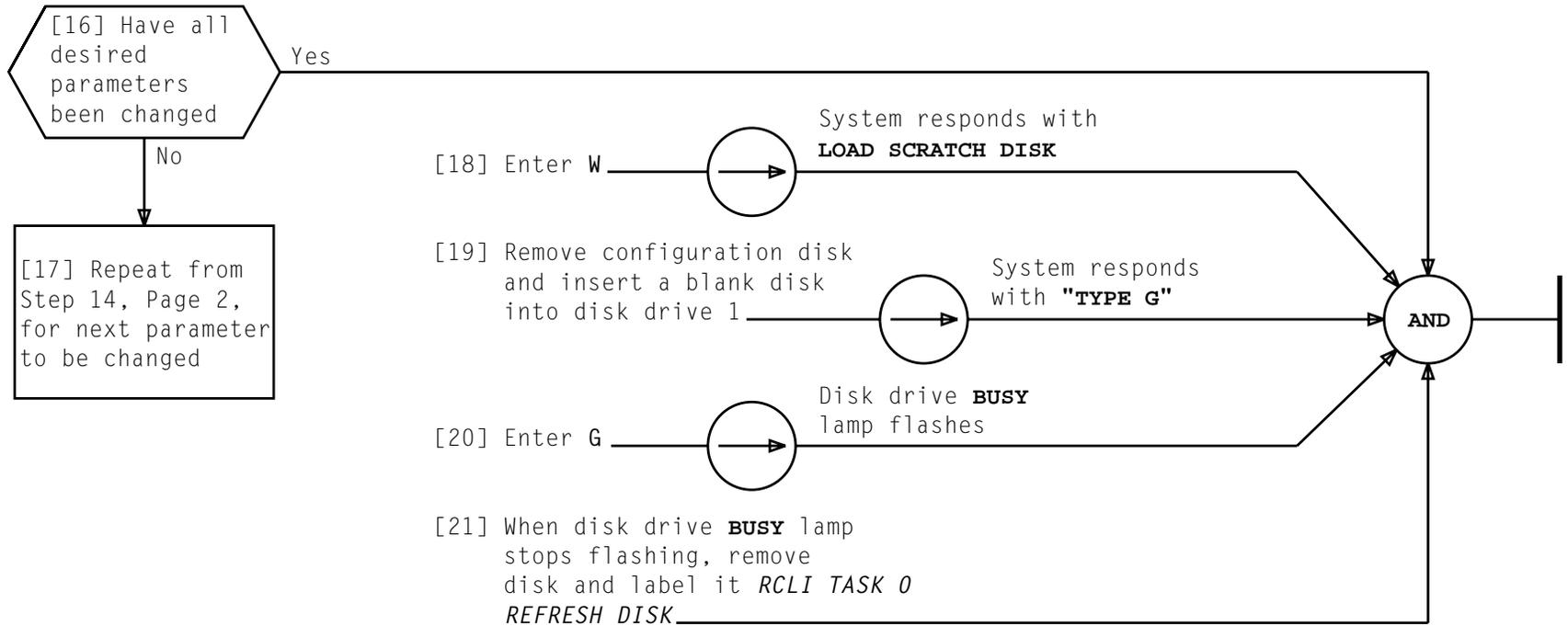


TABLE A

PARAMETER NUMBER	PARAMETER TITLE	CURRENT VALUE	NEW VALUE
8	END OF TEXT CHARACTER	([ETX])	/CONTROL D/
9	TRANSMIT "END OF TEXT" CHARACTER	(NO)	/Y/
39	TERMINAL INTERFACE CONTROL 40/1 TERMINAL?	(11110) (NO)	/11110/ /Y/
58	NORMAL MODEM DATA PARITY-EVEN/ODD/NONE	(NONE)	/E/
	NUMBER OF DATA BITS INCLUDING FIXED BITS (IF ANY)	(8)	/7/
	EIGHTH DATA BIT	(0)	

Issue 1	SEP 1994
234-152-208	DLP
PAGE 3 of 3	515

[1] Enter SM to place floppy disk in sequential mode

[2] Enter PD* to obtain a printout of all files contained on disk currently in floppy disk unit



OBTAIN FILE DIRECTORY PRINTOUT

Issue 1	SEP 1994
234-152-208	DLP
PAGE 1 of 1	516

[1] See NOTE 1. At
 RCREC/SREC1, type S xxx
 xxx = filename of RC to be
 entered
 [See NOTE 2]

[2] Depress **HOME** key

[3] Depress **CURSOR TAB** key

[4] Depress **SEND** key

AND

[5] Is printout
 REPT:RCLI,ORNU n
 ACCEPTED FOR or
 REPT:RCLI,ORNU n
 REJECTED,FORM NOT
 ALLOWED received

Yes

[6] After REPT:
 RCLI READY FOR
 RECENT CHANGE MSG
 printout, repeat
 from Step 1

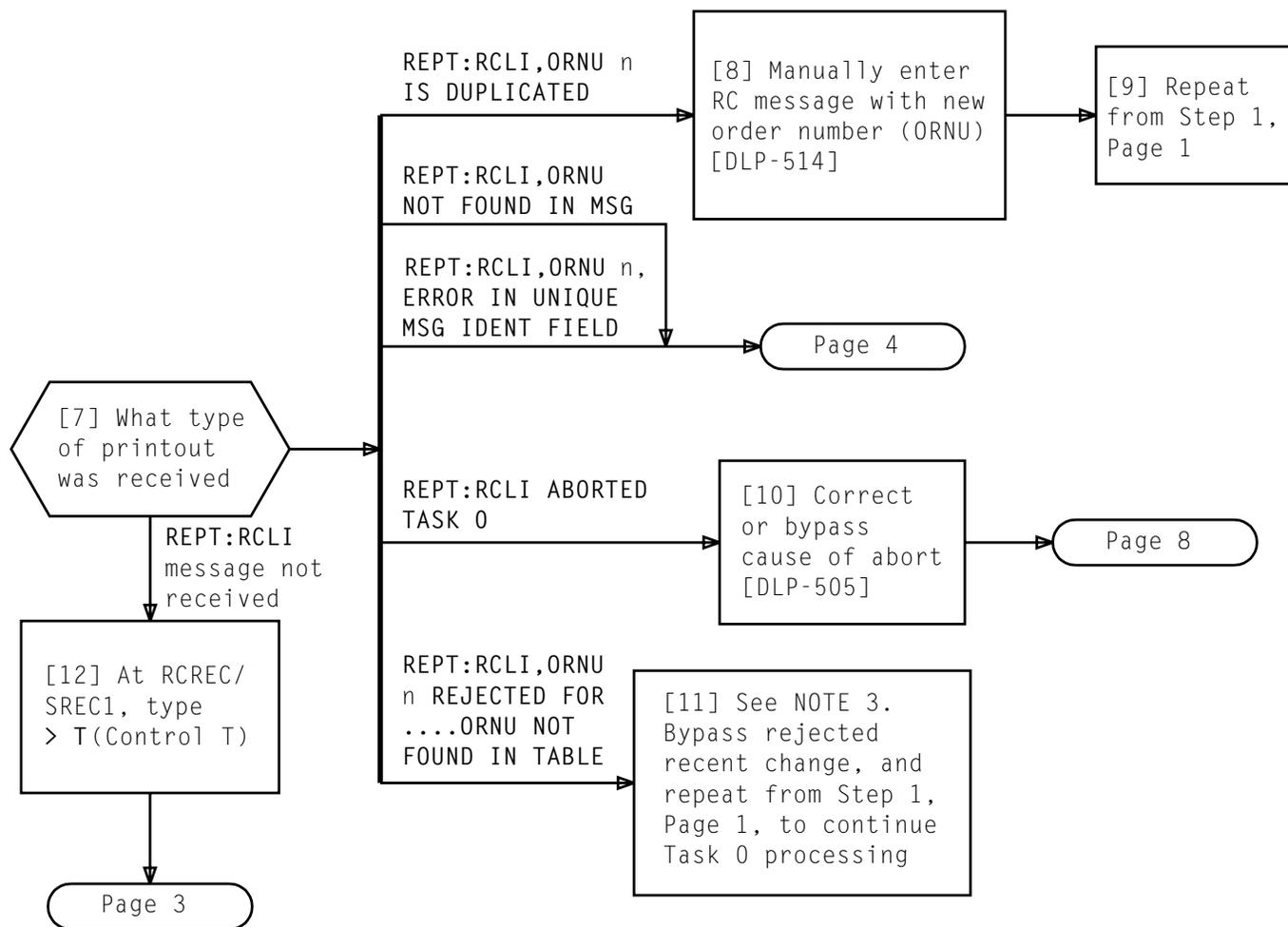
No

Page 2

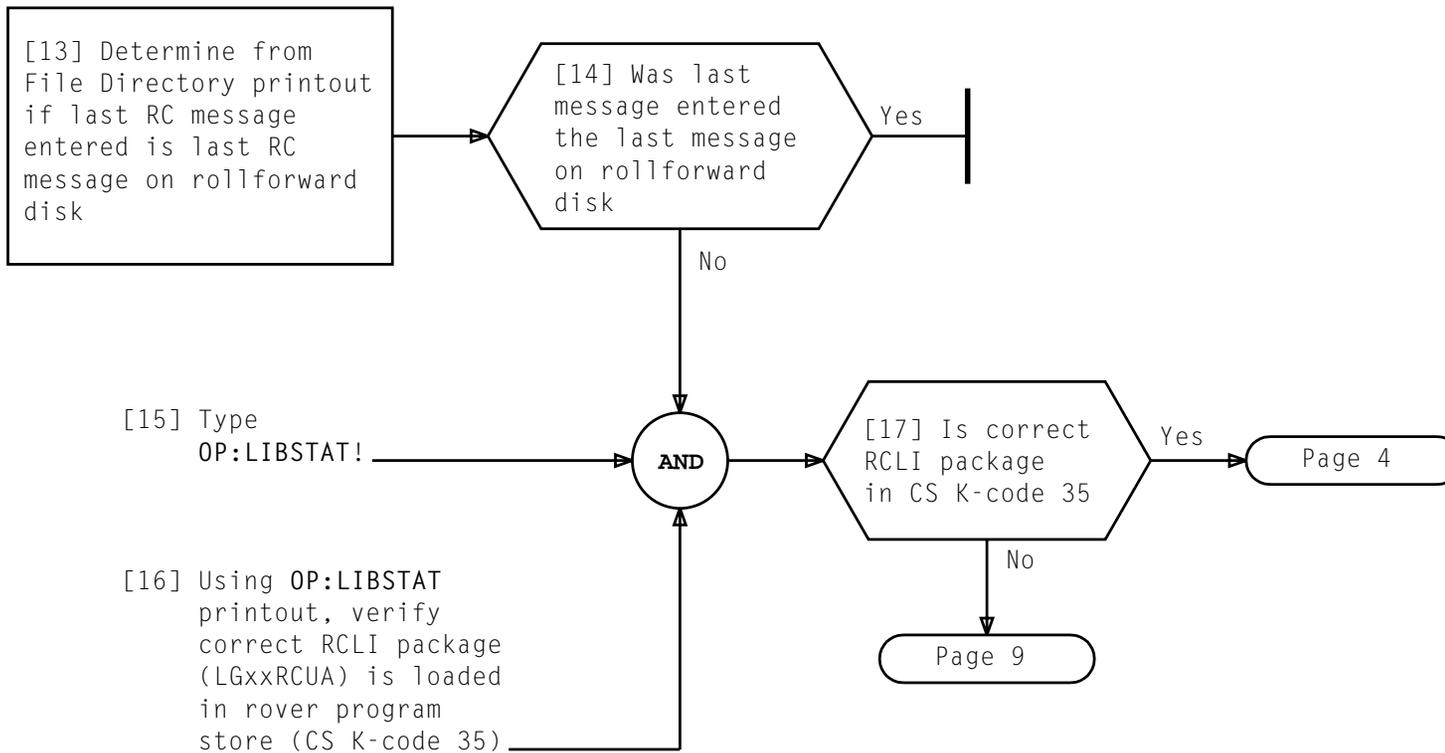
NOTES

1. Indicate on directory printout those RC messages which are successfully entered
2. For the 4E20 Retrofit, no manual entry is required for any RC forms

Issue 1	SEP 1994
234-152-208	DLP
PAGE 1 of 9	517



NOTE 3 Rejected RC should be resolved per local procedures	
Issue 1	SEP 1994
234-152-208	DLP
PAGE 2 of 9	517



At RCREC/SREC1:

[18] type S xxx

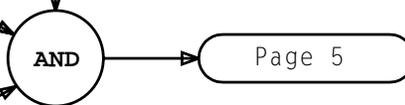
xxx = filename of
rejected RC

[See NOTE 4]

[19] Depress **HOME** key

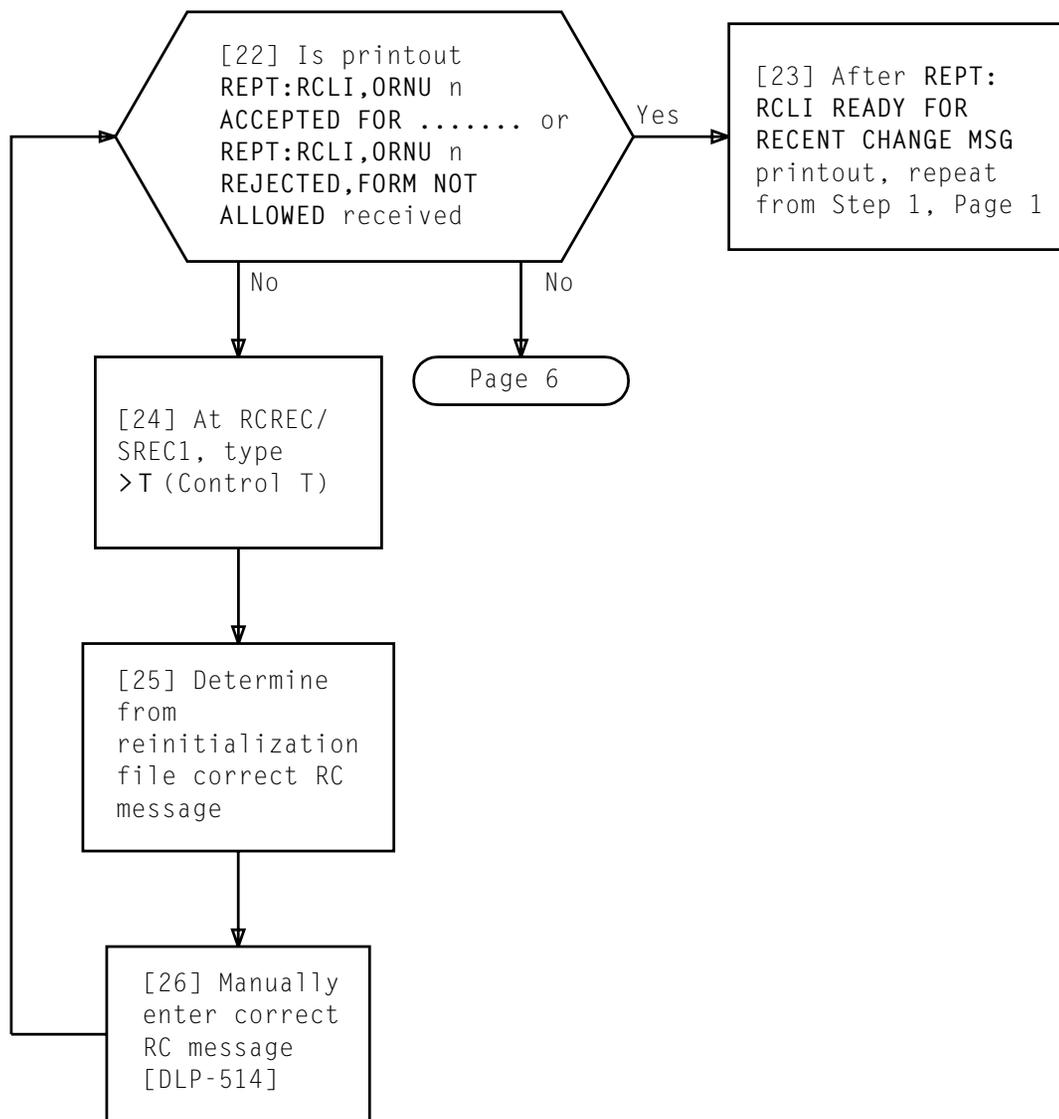
[20] Depress **CURSOR TAB** key

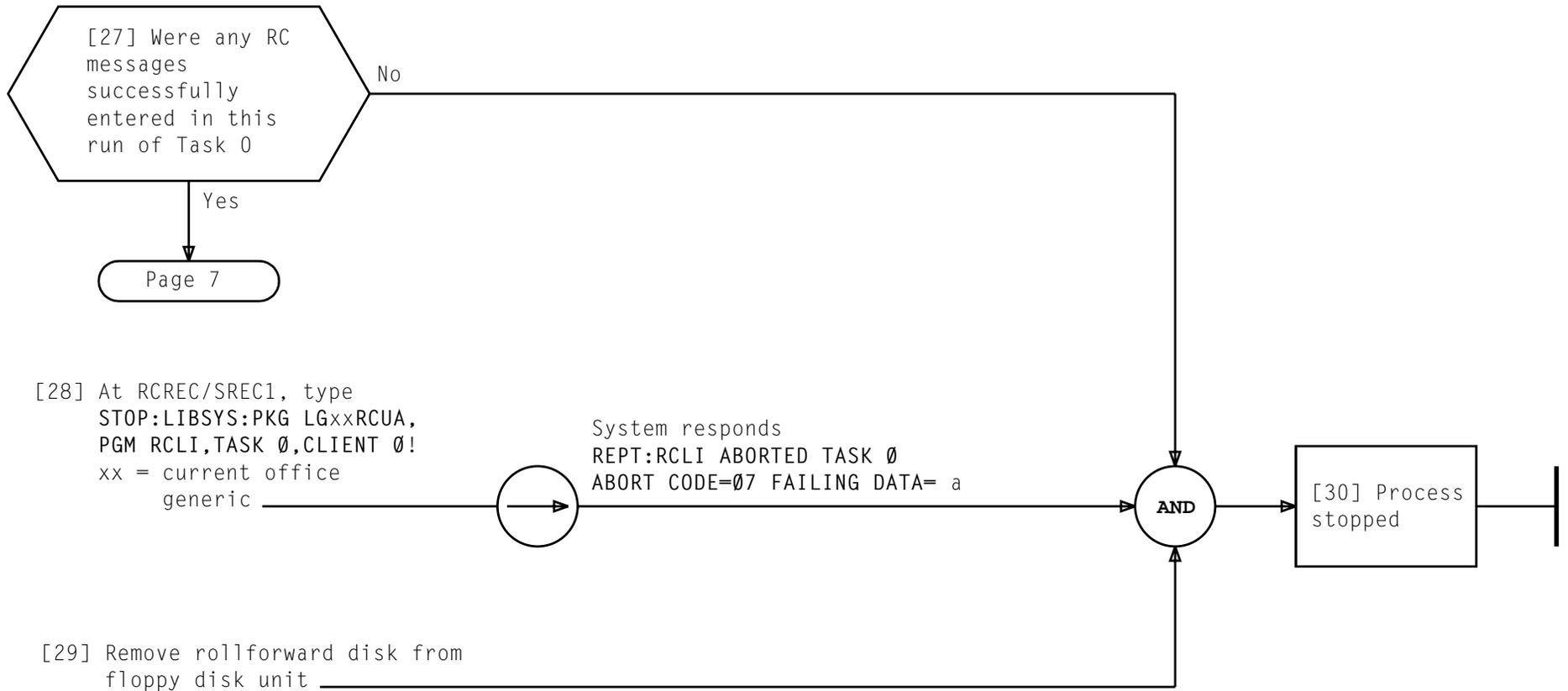
[21] Depress **SEND** key



**ENTER RECENT CHANGE MESSAGES FROM ROLLFORWARD DISK —
RECENT CHANGE UPDATE LIBRARY PROGRAM (RCLI)**

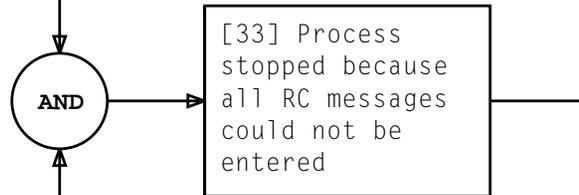
NOTE 4	
For the 4E20 Retrofit, no manual entry is required for any RC forms	
Issue 1	SEP 1994
234-152-208	DLP
PAGE 4 of 9	517





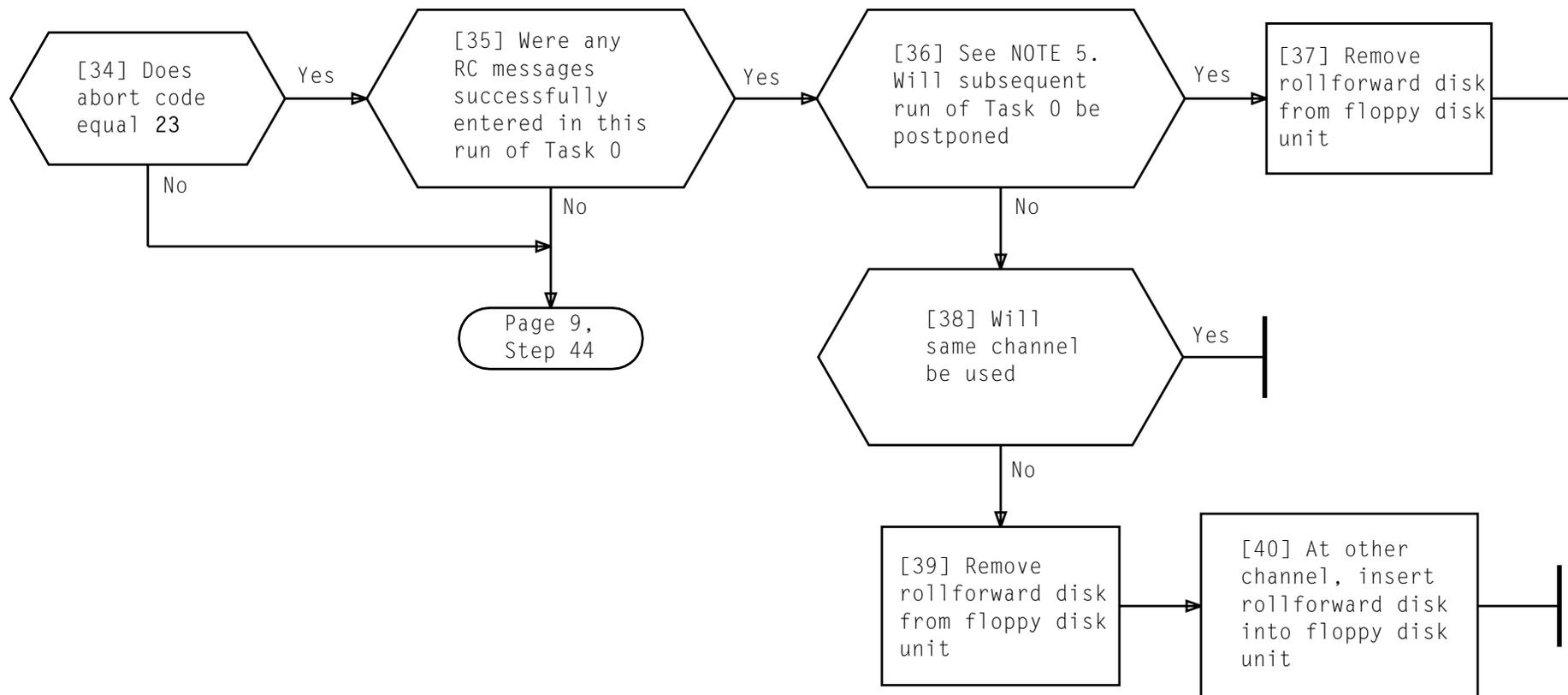
[31] At RCREC/SREC1, type
IN:LIBSYS:CLIENT 0,SET 7!

[32] Remove rollforward disk from
floppy disk unit

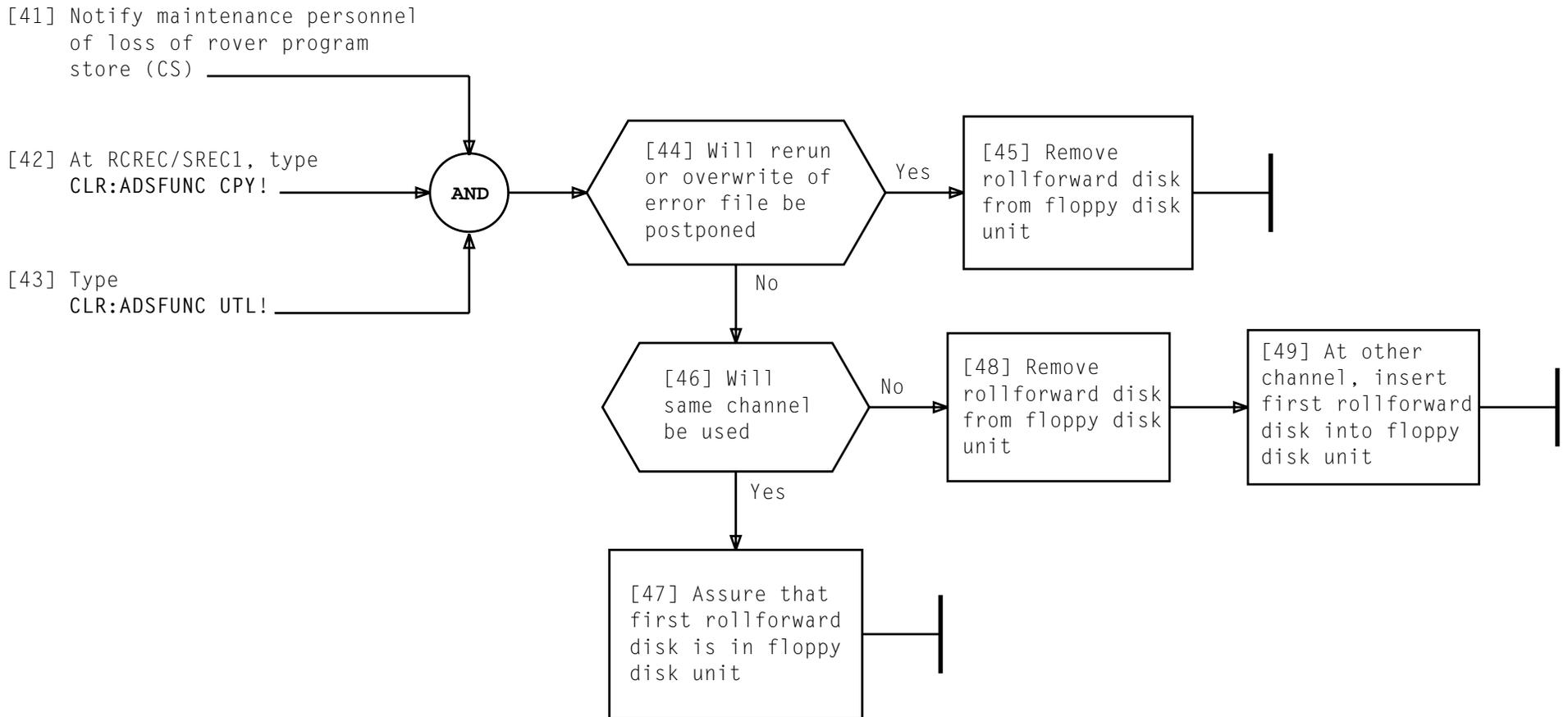


**ENTER RECENT CHANGE MESSAGES FROM ROLLFORWARD DISK —
RECENT CHANGE UPDATE LIBRARY PROGRAM (RCLI)**

Issue 1	SEP 1994
234-152-208	DLP
PAGE 7 of 9	517

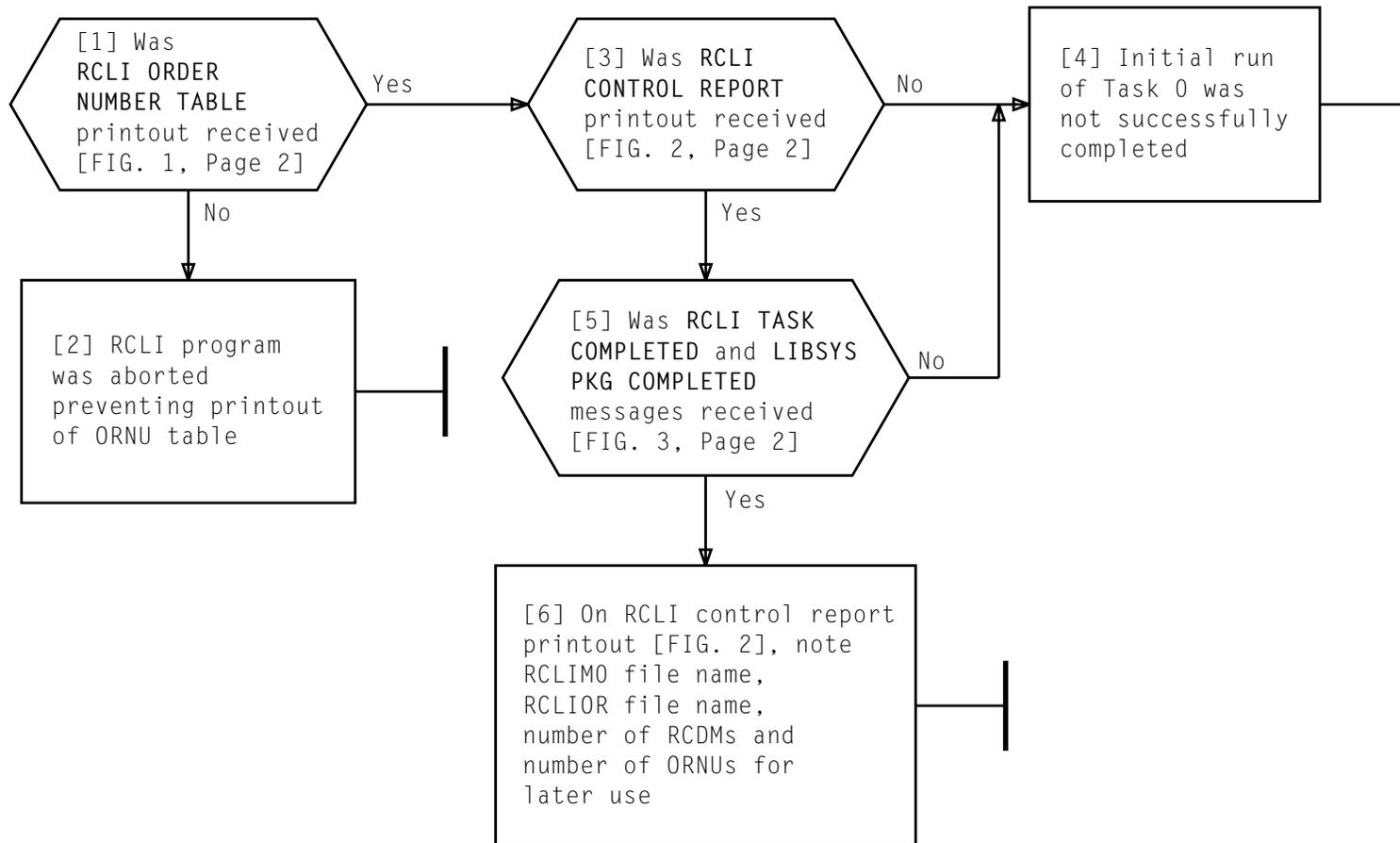


NOTE 5	
Abort code 23 gives a successful run and end of run for Task 0. A subsequent run is needed starting from the next order number (ORNU)	
Issue 1	SEP 1994
234-152-208	DLP
PAGE 8 of 9	517



ENTER RECENT CHANGE MESSAGES FROM ROLLFORWARD DISK —
RECENT CHANGE UPDATE LIBRARY PROGRAM (RCLI)

Issue 1	SEP 1994
234-152-208	DLP
PAGE 9 of 9	517



VERIFY TASK 0 RESPONSES

Issue 1	SEP 1994
234-152-208	DLP
PAGE 1 of 2	518

```

M 12 REPT:RCLI ORDER NUMBER TABLE
TASK NUMBER 0
ORNU   STATUS   FORM CHG   MULTI IND   MSG COUNT
(Followed by Printout of Order Number Entries)

```

FIG. 1 - Sample Printout of RCLI Order Number Table

```

M 38 REPT:RCLI CONTROL REPORT
TASK NUMBER 0
COUNT OF RCDM MESSAGES ON OUTPUT TAPE (RCLIM0YYMMDDHHmm):mmmm
COUNT OF ORDER NUMBERS IN ORNU TABLE (RCLIORYYMMDDHHmm):nnnn

```

FILE NAME
NUMBER OF RCDMs
FILE NAME
NUMBER OF ORNUs

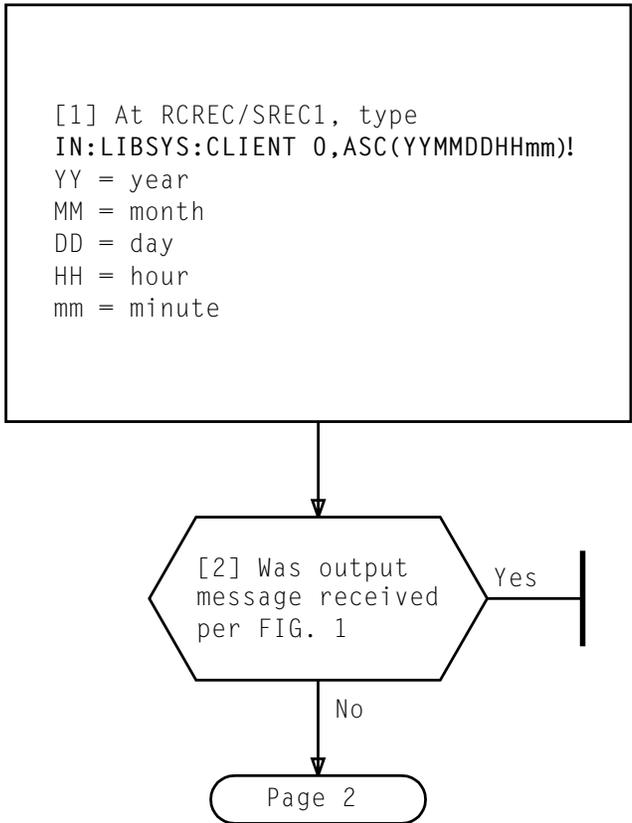
FIG. 2 - Sample Printout of RCLI Control Report

```

M 40 REPT:RCLI,TASK COMPLETED SUCCESSFULLY
M 58 EX:LIBSYS: PKG LGxxRCUA, PGM RCLI, TASK 0/, CLIENT 0/, COMPLETED

```

FIG. 3 - Sample Printout of RCLI Task and LIBSYS Completion Messages



RCLI ORNU FILE

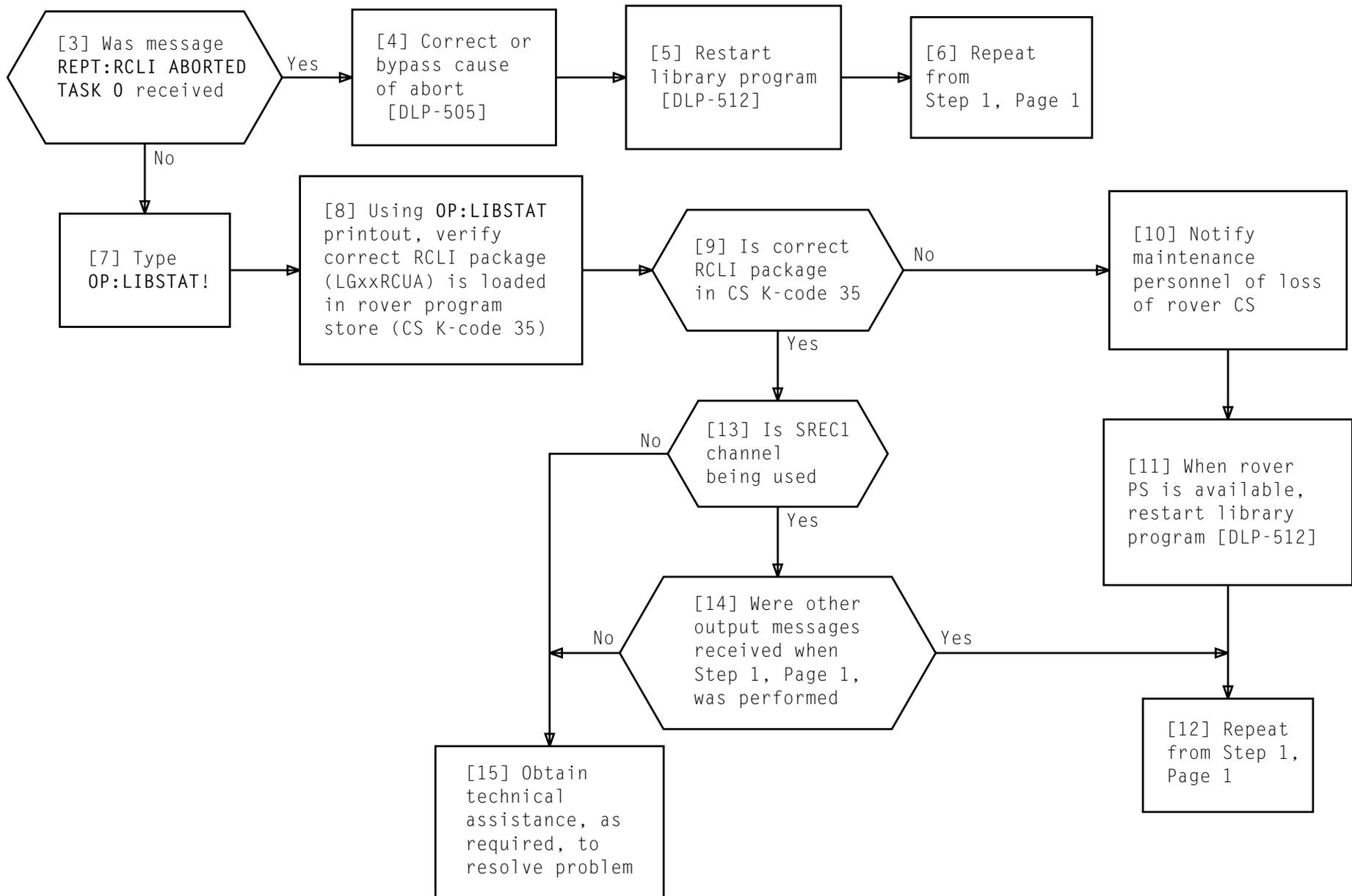
```

M 36 REPT:RCLI,PROCESSING INPUT FILE RCLIORYMMDDHHmm
  
```

FIG. 1 - Sample RCLI Output Message

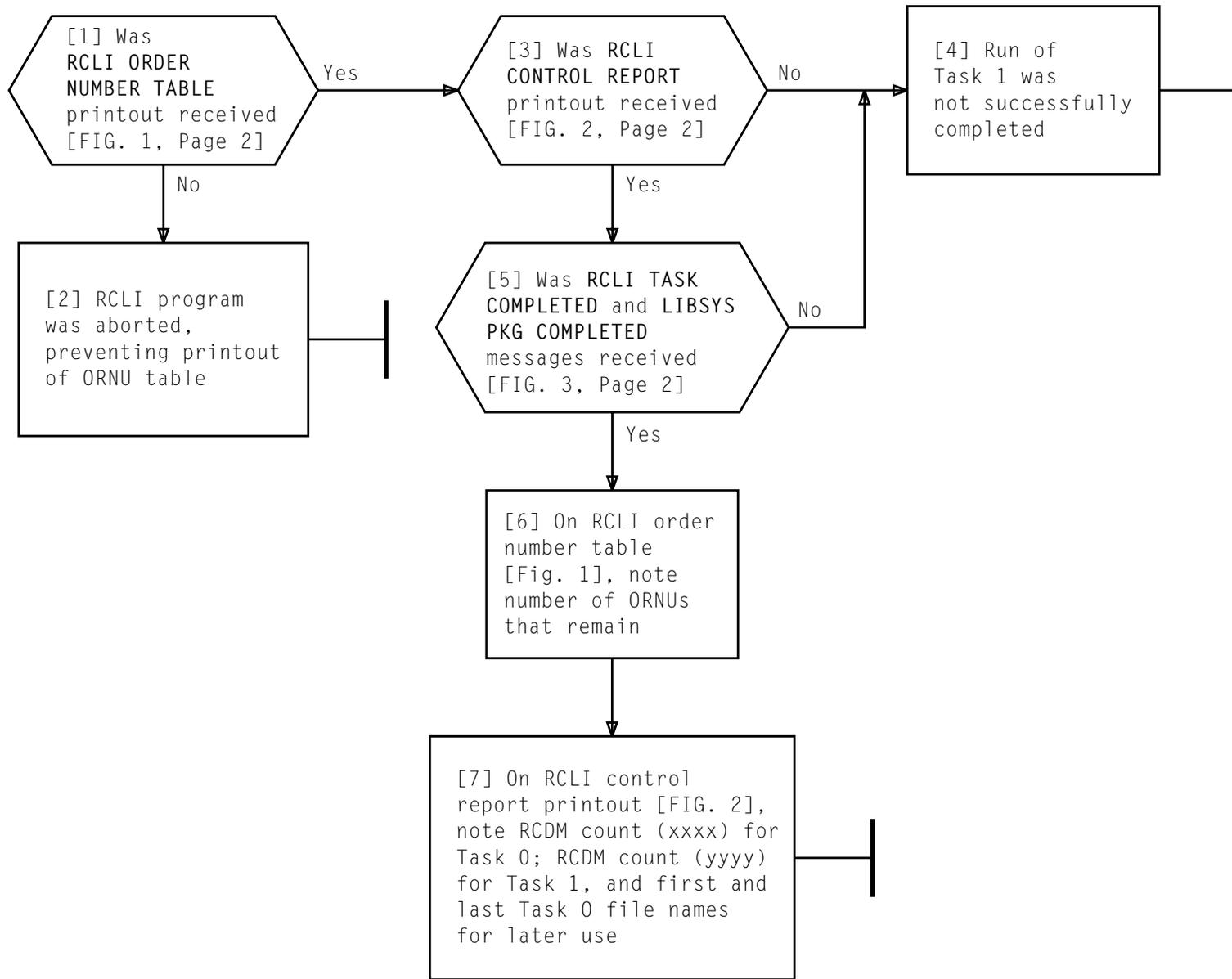
ENTER OUTPUT FILE NAME AND VERIFY RESPONSES (TASK 1)

Issue 1	SEP 1994
234-152-208	DLP
PAGE 1 of 2	519



ENTER OUTPUT FILE NAME AND VERIFY RESPONSES (TASK 1)

Issue 1	SEP 1994
234-152-208	DLP
PAGE 2 of 2	519



VERIFY TASK 1 RESPONSES

Issue 1	SEP 1994
234-152-208	DLP
PAGE 1 of 2	520

```

M 12 REPT:RCLI ORDER NUMBER TABLE
TASK NUMBER 1
ORNU      STATUS   FORM CHG   MULTI IND   MSG COUNT
(Followed by Printout of Order Number Entries)

```

FIG. 1 – Sample Printout of RCLI Order Number Table

```

M 36 REPT:RCLI CONTROL REPORT
TASK NUMBER 1
COUNT OF RCDM MESSAGES ON INPUT TAPE (RCLIM0/YYMMDDHhm)
(RCLIM0/YYMMDDHhm):xxxx
COUNT OF RCDM MESSAGES ON OUTPUT TAPE (RCLIM1YYMMDDHhm):yyy

```

FIRST TASK 0 MESSAGE TAPE FILE NAME

LAST TASK 0 MESSAGE TAPE FILE NAME

RCDM COUNT FOR TASK 0 MESSAGE TAPES (CUMULATIVE)

RCDM COUNT FOR TASK 1 MESSAGE TAPE

FIG. 2 – Sample Printout of RCLI Control Report

```

M 40 REPT:RCLI,TASK COMPLETED SUCCESSFULLY

M 58 EX:LIBSYS:PKG LGxxRCUA, PGM RCLI,TASK 1,CLIENT 0/,COMPLETED

```

FIG. 3 – Completion Messages

VERIFY TASK 1 RESPONSES

Issue 1	SEP 1994
234-152-208	DLP
PAGE 2 of 2	520

```

[1] At RCREC/SREC1, type
IN:LIBSYS:CLIENT 0,ASC(YMMDDHHmm)!
YY = year
MM = month
DD = day
HH = hour
mm = minute

```

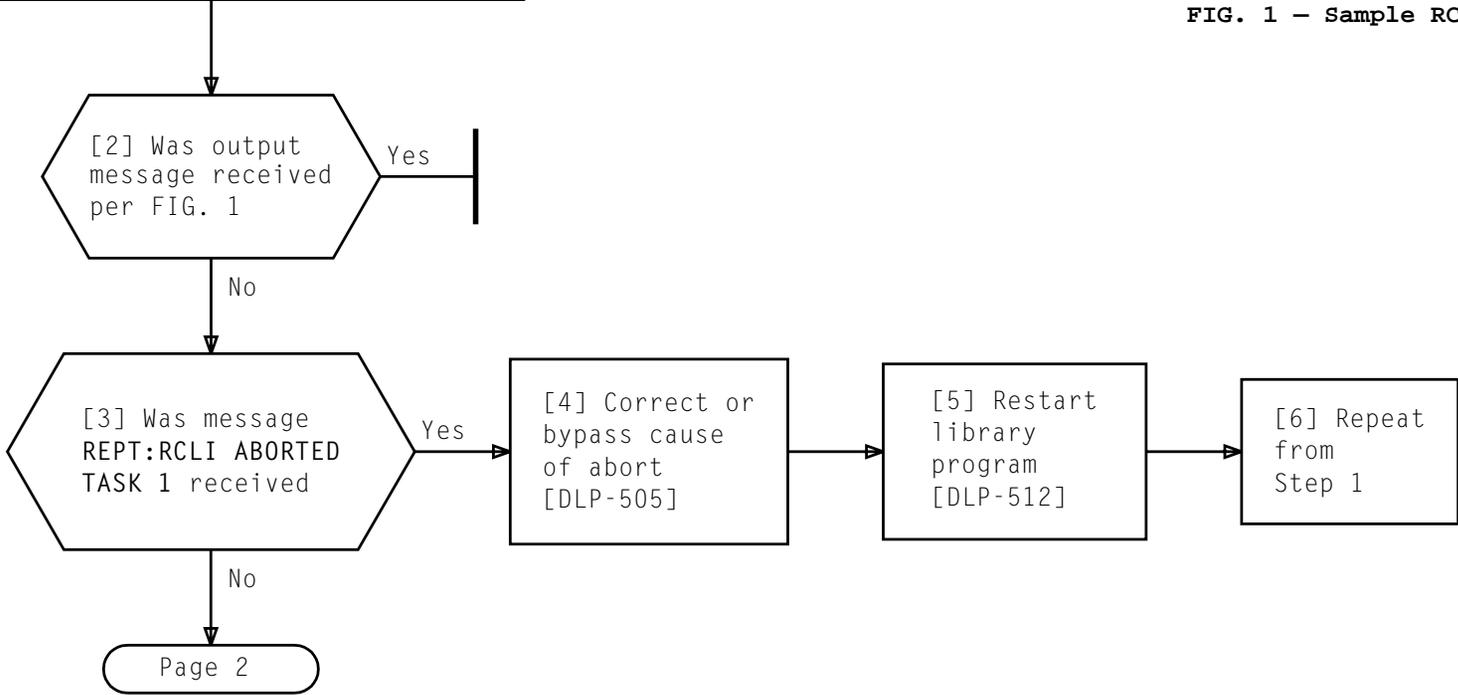
RCLI MESSAGE FILE

```

M 36 REPT:RCLI,PROCESSING INPUT FILE RCLIM1YYMMDDHHmm

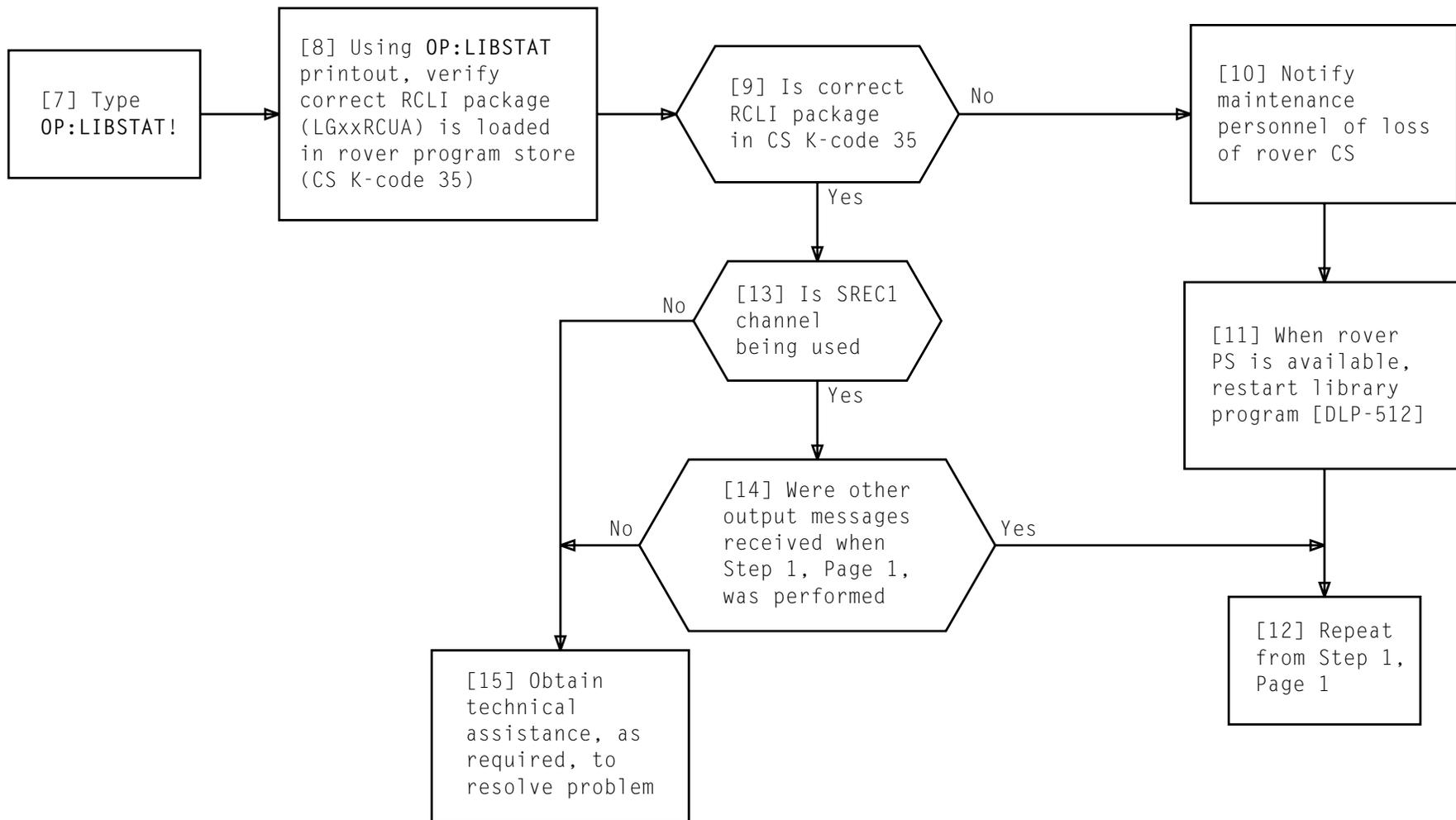
```

FIG. 1 - Sample RCLI Output Message



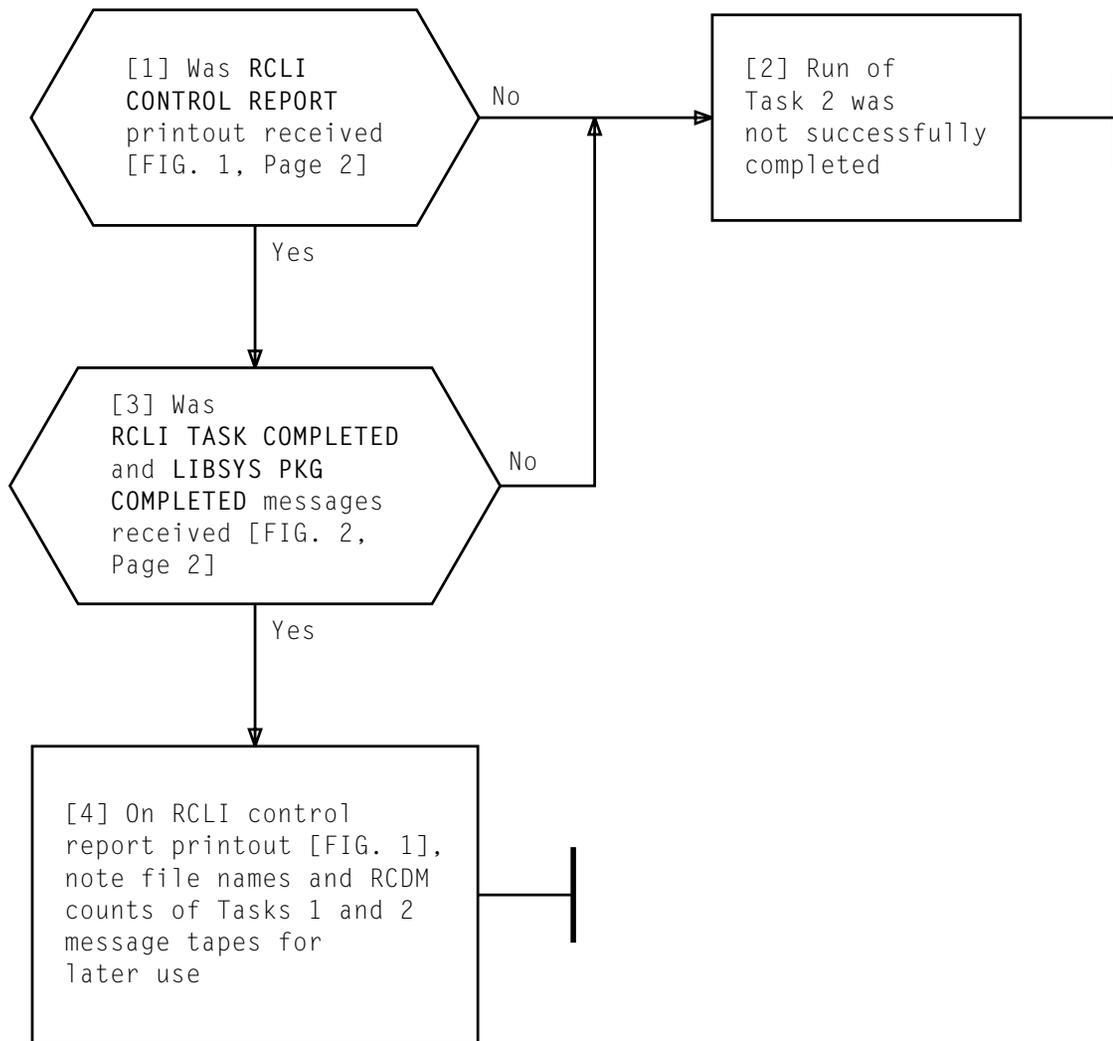
ENTER OUTPUT FILE NAME AND VERIFY RESPONSES (TASK 2)

Issue 1	SEP 1994
234-152-208	DLP
PAGE 1 of 2	521



ENTER OUTPUT FILE NAME AND VERIFY RESPONSES (TASK 2)

Issue 1	SEP 1994
234-152-208	DLP
PAGE 2 of 2	521



VERIFY TASK 2 RESPONSES

Issue 1	SEP 1994
234-152-208	DLP
PAGE 1 of 2	522

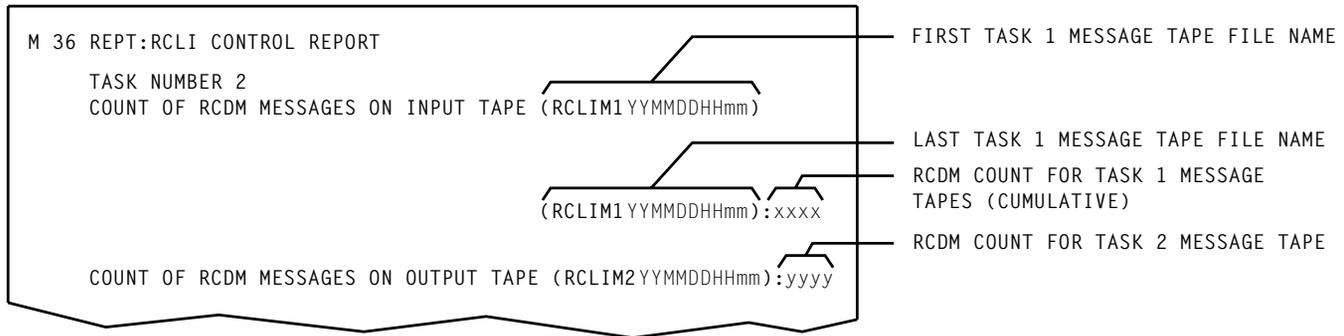


FIG. 1 - Sample Printout of RCLI Control Report

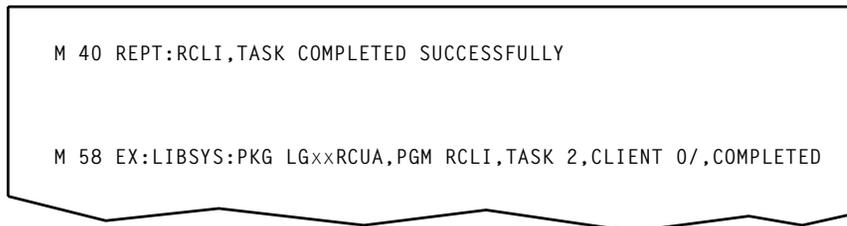
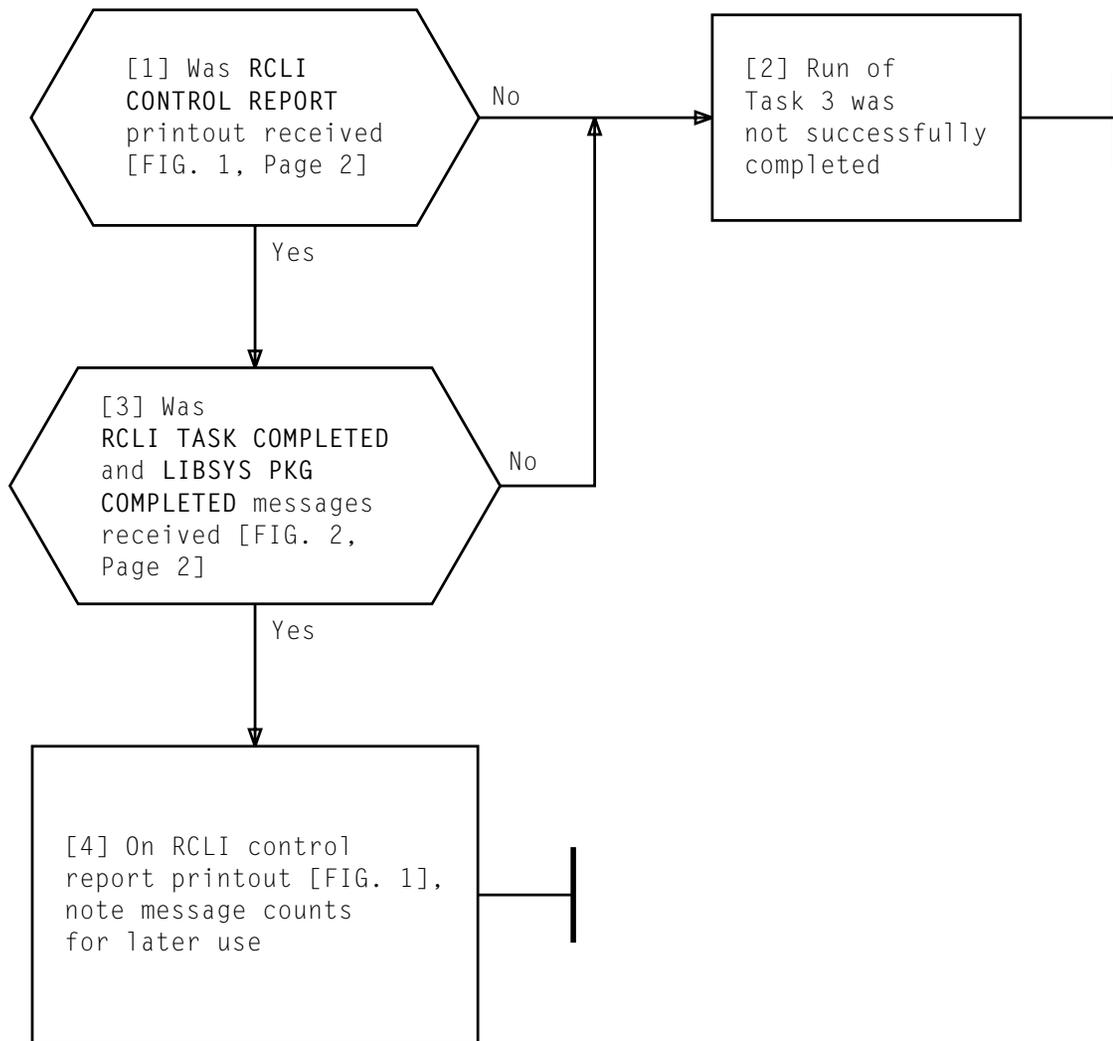


FIG. 2 - Sample Printout of RCLI Task and LIBSYS Completion Messages

VERIFY TASK 2 RESPONSES

Issue 1	SEP 1994
234-152-208	DLP
PAGE 2 of 2	522



VERIFY TASK 3 RESPONSES

Issue 1	SEP 1994
234-152-208	DLP
PAGE 1 of 2	523

```

M 63 REPT:RCLI CONTROL REPORT
  TASK NUMBER 3
  COUNT OF RCDM MESSAGES ON INPUT TAPE (RCLIMaYYMMDDHHmm):xxxx
  COUNT OF RCDM MESSAGES SENT TO RC GENERIC PGM:yyy
  COUNT OF UNIT TYPE MESSAGES ACTIVATED:zzzz

```

INPUT TAPE MESSAGE COUNT
MESSAGE COUNT
MESSAGE COUNT

FIG. 1 - Sample Printout of RCLI Control Report

```

M 86 REPT:RCLI,TASK COMPLETED SUCCESSFULLY

M 88 EX:LIBSYS:PKG LGxxRCUA, PGM RCLI,TASK 3,CLIENT 0/, COMPLETED

```

FIG. 2 - Sample Printout of RCLI Task and LIBSYS Completion Messages

ITEM	ISSUE	ITEM	ISSUE	ITEM	ISSUE	ITEM	ISSUE	ITEM	ISSUE	ITEM	ISSUE
IXL-001 NTP-002 NTP-003 NTP-004 NTP-005											
NTP-006 NTP-007 DLP-500 DLP-501 DLP-502											
DLP-503 ● DLP-504 DLP-505 DLP-506 DLP-507											
DLP-508 DLP-509 DLP-510 DLP-511 DLP-512											
DLP-513 ● DLP-514 DLP-515 DLP-516 ● DLP-517											
DLP-518 DLP-519 DLP-520 DLP-521 DLP-522											
DLP-523 CKL-891 TNG-893											

● REVISED OR ADDED ITEM

□ CANCELED ITEM

Issue 1 SEP 1994

234-152-208 CKL

PAGE 1 of 1 891

CHECKLIST