

STORED PROGRAM CONTROL SYSTEMS (SPCS) CIRCUIT PACK POOL

CONTENTS	PAGE
1. GENERAL.....	1
2. REPLACEMENT OF DEFECTIVE CIRCUIT PACKS.....	1
3. RESPONSIBILITIES OF THE FIELD FORCES.....	2
4. RESPONSIBILITIES OF THE SPCS POOL CUSTODIAN.....	2
5. ORDERING GUIDE.....	3

1. GENERAL

1.01 This section is reissued to define the circuit pack systems now included in the circuit pack pool in the Washington-Idaho Area (1.03a) and to make a minor revision in the wording of paragraph 4.05. Changes are indicated by arrows.

1.02 The SPCS circuit pack pools replace defective circuit packs for the No. 101 Electronic Switching System (ESS), No. 1 ESS, No. 2 ESS, Traffic Service Position System (TSPS), Electronic Translator System (ETS), and solid state Traffic measuring devices, eg, Alston and PMC.

1.03 Defective packs are replaced with spares from the SPCS circuit pack pools.

(a) *Washington-Idaho Area*

(All Stored Program Control Systems except 101 ESS, but including solid state Traffic measuring devices)
SPCS Circuit Pack Pool
Room A-27
1101 4th Avenue
Seattle, Washington 98101
206-345-2676

(b) *Oregon Area*

(All Stored Program Control Sytems including solid state Traffic measuring devices)
SPCS Circuit Pack Pool
Room 900, Capitol 1 Building
310 SW Park
Portland, Oregon 97205
Regular service 503-227-0201
Emergency service 503-226-9612

1.04 Twenty-four hour service is provided. The method of shipment to the field is determined by the urgency of the requirement.

2. REPLACEMENT OF DEFECTIVE CIRCUIT PACKS

2.01 Replacement packs are ordered from the pool by calling the above numbers at any time.

2.02 A pack is shipped in a suitable package also containing:

(a) Return label

Washington-Idaho Area: Form P-8078 (Fig. 1)

Oregon Area: Form P-8078-O (Fig. 2)

(b) Form P-7991, Trouble History Card (Fig. 3)

2.03 The central office, after receiving the replacement pack, does the following:

(a) Completes the P-7991, provides the teletypewriter diagnostic printout if available. Places the completed form and printout in the shipping container with the defective circuit pack.

(b) Attaches the address label to the carton and ships the items to the pool, reusing the carton and packing materials.

SECTION 002-800-901PN

- 2.04 The pool receives and forwards the defective pack to Western Electric (WE) with Form A109-SR (Fig. 4). (See C.I. 60 [P.I. 403.00] Section 6.)
- 2.05 Repaired packs and *no-trouble-found* packs returned from Western Electric may be handled by either or both of the following methods:
- (a) Packs become shelf stock in the pool.
 - (b) Packs are returned to the original office and tested in the same equipment location in which they originally failed. If the packs do not fail, they are left in place and the replacement packs are returned to shelf stock in the pool.
- 3. RESPONSIBILITIES OF THE FIELD FORCES**
- 3.01 Obtain replacement packs as soon as possible to prevent accumulation of defective units.
- 3.02 Make sure the completed Form P-7991 and teletypewriter diagnostic are returned with the defective unit.
- 3.03 Make sure the pack is actually defective before requesting a replacement.
- 3.04 Make sure defective packs are returned to the pool as soon as replacements arrive.
- 4. RESPONSIBILITIES OF THE SPCS POOL CUSTODIAN**
- 4.01 Ship packs (same pack issue, if appropriate) to the field as soon as they are requested.
- 4.02 Verify accuracy of paper work accompanying shipments to and from the field.
- 4.03 Keep a currently updated inventory record of all pool stock.
- 4.04 Receive all defective units from Plant field forces.
- 4.05 Have defective units repaired, or dispose of them as obsolete or unrepairable items (eg, UNR marking on No. 1 ESS circuit packs).
- 4.06 Handle all pooled items requiring modification.
- 4.07 Maintain an adequate spare circuit pack stock to provide the field with any pack that may be needed.
- 4.08 Be responsible for preparation of all paper forms involving pooled items:
- (a) Current Pool Inventory
 - (b) Service and Return Request, Form A109-SR (Fig. 4) involving:
 - (1) Repair and return
 - Regular
 - General Engineering Complaint
 - (2) Modification programs
 - (c) Returned Material Notice involving
 - (1) Items being returned to Western Electric
 - (d) Claims of unsatisfactory shipments to the pool, eg,
 - (1) Back of pink packing slip
 - (2) Claim Material Tag, Form A109-CL (Fig. 5)
 - (e) Engineering Complaints including:
 - (1) Pink tag, Form E-5142 (Fig. 6).
 - (2) Service and Return Request, Form A109-SR.
 - (3) Service and Return Envelopes, Form P-7149.
- 4.09 Supply Plant field forces with enough packing and shipping materials to insure adequate protection of pooled items during the shipment.

5. **ORDERING INFORMATION**

To order the forms listed below, see your Forms Catalog.

- A109-CL, Claim Material Tag
- A109-SR, Service-and-Return Request
- E-5142, Initially Defective Item GEC-9400
"Pink Tag"
- P-7149, Service-and-Return Envelope
- P-7991, Trouble History Card
- P-8078, Return Label (Washington-Idaho)
- P-8078-O, Return Label (Oregon)

 Pacific Northwest Bell		P8078 1-72
FROM	SPC CIRCUIT PACK POOL ROOM A-27 1101 - 4TH AVE. SEATTLE, WASHINGTON 98101	
<div style="display: flex; justify-content: space-between;"> <div style="text-align: left;"> <p>SHIP TO →</p> </div> <div style="width: 80%;"></div> </div>		
 Pacific Northwest Bell		
FROM		
<div style="display: flex; justify-content: space-between;"> <div style="text-align: left;"> <p>SHIP TO →</p> </div> <div style="width: 80%;"> SPC CIRCUIT PACK POOL ROOM A-27 1101 - 4TH AVE. SEATTLE, WASHINGTON 98101 </div> </div>		

Fig. 1 — Return Label (W-I Area)

 Pacific Northwest Bell		P8078-0 1-72
FROM	SPC CIRCUIT PACK POOL ROOM 900 CAP. 1 BLDG. 310 S.W. PARK STREET PORTLAND, OREGON 97205	
<div style="display: flex; justify-content: space-between;"> <div style="text-align: left;"> <p>SHIP TO →</p> </div> <div style="width: 80%;"></div> </div>		
 Pacific Northwest Bell		
FROM		
<div style="display: flex; justify-content: space-between;"> <div style="text-align: left;"> <p>SHIP TO →</p> </div> <div style="width: 80%;"> SPC CIRCUIT PACK POOL ROOM 900 CAP. 1 BLDG. 310 S.W. PARK STREET PORTLAND, OREGON 97205 </div> </div>		

Fig. 2 — Return Label (Oregon Area)

TROUBLE HISTORY CARD		P-7991 (5-72)
Date _____	Office _____	
Type of pack _____		
Pack location _____		
Eq. pack removed from _____		
<i>Enclose a diagnostic printout and this completed form in the bubble with the bad pack.</i>		

Fig. 3 — Trouble History Card (P-7991)

CLAIM MAT'L A109-CL
(5-68)

INVOICE SUPERVISOR'S COPY

From Requisition Number: _____

Item: _____ Qty: _____

Item: _____ Qty: _____

T.A.N. No. _____

Signed: _____ Date _____ Tel. No. _____

Address: _____ City: _____

ATTACH TO SHIPPING RECEIPT

Oakland, Calif.

Dennison Eastman



Fig. 5 — Claim Material Tag (A109-CL)



INITIALLY DEFECTIVE ITEM GEC-9400
FORM E-5142 (PINK TAG) 7/69
SEE BSP 010-700-020 FOR INSTRUCTIONS

TYPE OF SYSTEM

Examples - T-1 Carrier, No. 1 ESS, 800A PBX

EQUIPMENT OR APPARATUS CODE

Ex = J68857AC-1 L-1, 4020D Network

<p>DATE OF MFR <input style="width: 100%;" type="text"/> <i>Ex: 1 Q V 6 8</i></p> <p>DATE UNIT FAILED <input style="width: 100%;" type="text"/> <i>Ex: 0 4 6 9</i></p> <p>SERIAL NO. <input style="width: 100%;" type="text"/> <i>Ex: D 3631</i></p>	<p>TYPE OF FAILURE CIRCLE APPROPRIATE ITEMS</p> <table style="width: 100%;"> <tr><td style="text-align: center;">1</td><td>FAILED INITIAL TEST</td></tr> <tr><td style="text-align: center;">2</td><td>FAILED IN SERVICE</td></tr> <tr><td style="text-align: center;">3</td><td>FAILED ROUTINE TEST</td></tr> <tr><td style="text-align: center;">4</td><td>INTERMITTENT TROUBLE</td></tr> <tr><td style="text-align: center;">5</td><td>OTHER (EXPLAIN BELOW)</td></tr> </table>	1	FAILED INITIAL TEST	2	FAILED IN SERVICE	3	FAILED ROUTINE TEST	4	INTERMITTENT TROUBLE	5	OTHER (EXPLAIN BELOW)
1	FAILED INITIAL TEST										
2	FAILED IN SERVICE										
3	FAILED ROUTINE TEST										
4	INTERMITTENT TROUBLE										
5	OTHER (EXPLAIN BELOW)										

ADDITIONAL INFORMATION
(IDENTIFY SPECIFIC BSP TEST FAILED OR TROUBLE CONDITION ENCOUNTERED)

TELEPHONE CO. & OPERATING AREA

Ex: L N A

CENTRAL OFF BASE NO. (OR NAME) <input style="width: 100%;" type="text"/>	RMN NO. <input style="width: 100%;" type="text"/>
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INFORMATION PREPARED BY

TELEPHONE NO.

TELCO: DO NOT DETACH

INITIALLY DEFECTIVE ITEM GEC-9400

REPAIR RMN NO.

CREDIT

RETURNED FROM LOCATION _____



REPORT OF ACTION BY REPAIR ORGANIZATION

MODIFICATIONS MADE

Example: M1 added

CIRCLE APPROPRIATE ITEMS

1	NO MODIFICATION MADE NO TROUBLE FOUND	<input type="checkbox"/>
2	ALL MODIFICATIONS MADE NO TROUBLE FOUND	<input type="checkbox"/>
3	FAILED FIELD ADJUSTMENT	<input type="checkbox"/>
4	FAILED FACTORY ADJUSTMENT	<input type="checkbox"/>
5	WIRING ERROR	<input type="checkbox"/>
6	OPEN, SHORT OR GROUND	<input type="checkbox"/>
7	COMPONENT(S) REPLACED	<input type="checkbox"/>
8	OTHER ACTION (EXPLAIN BELOW)	<input type="checkbox"/>

FOR QAC USE

REPLACED COMPONENT(S) BELIEVED TO HAVE CAUSED TROUBLE

FUNC DESIG <input style="width: 100%;" type="text"/>	COMPONENT IDENTIFICATION <input style="width: 100%;" type="text"/>
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>

Ex: Q4 *Ex: 12B Transistor*

ADDITIONAL INFORMATION
(LIST OTHER COMPONENTS REPLACED)

REPAIR LOCATION CODE & DATE

<input style="width: 50px;" type="text"/>	<input style="width: 100px;" type="text"/>
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Ex: 3 9 0 8 6 9

INFORMATION PREPARED BY

TELEPHONE NO.

FORWARD TO: BTL QAC, HOLMDEL, N.J.

WECO: DETACH FOR RECORD

COMMENTS: _____

FORM E-5142 (7/69) CI 70.102-22 App C

Fig. 6 — Pink Tag (E-5142)

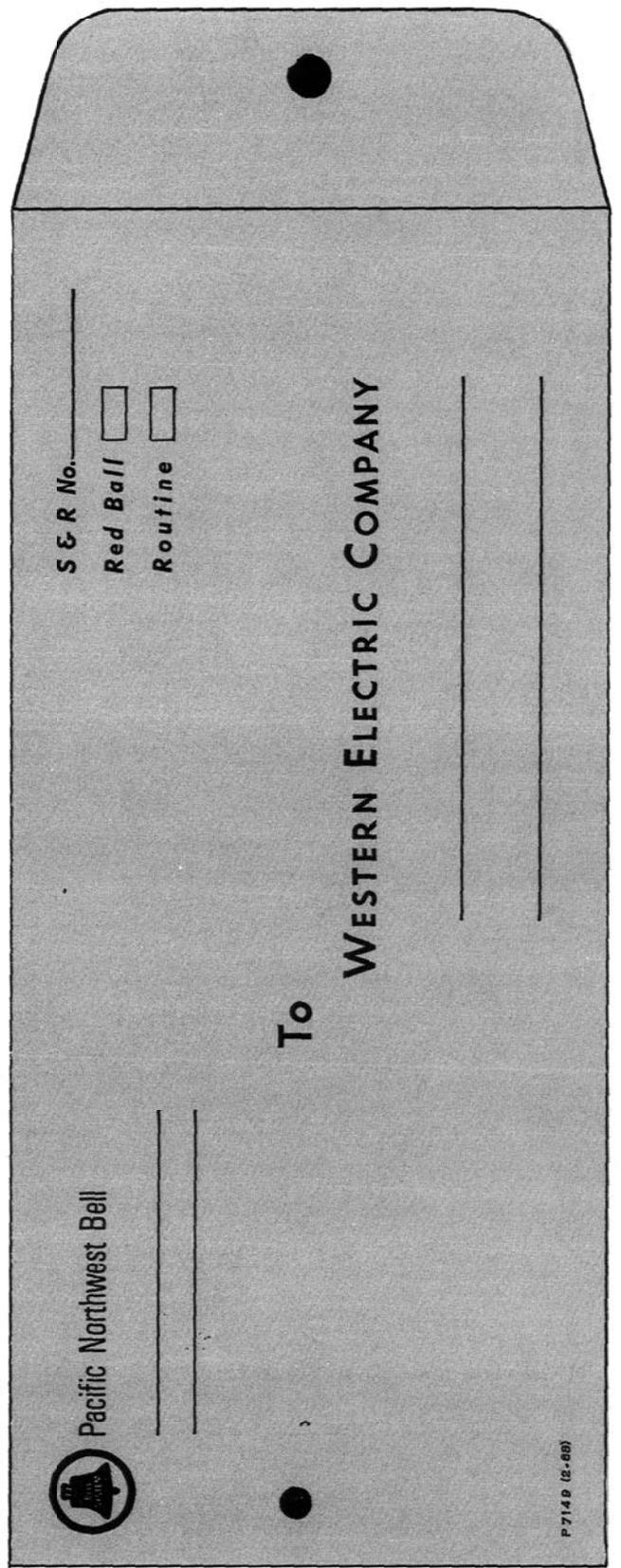
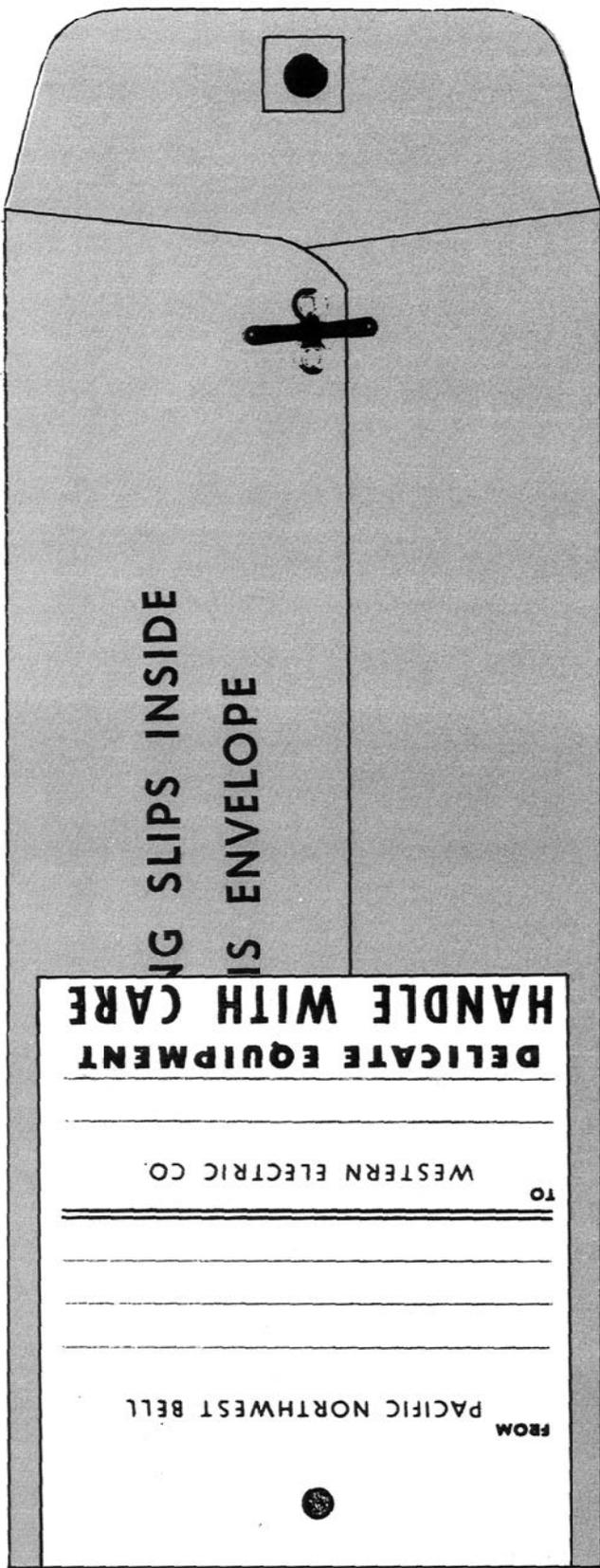


Fig. 7 - Service-and-Return Envelope (P-7149)