IN PROCESS

**Issue 10
Draft A**

-48

VERT
57
221MG
C SR
8.5

248G
-48
SR
B
800
A
B

RLS
#
C
#

X   Y

NPS LF   **NPS RF**

E
D

ROT
57   -48

D
VON
RLS
115   10
Supvry rls   -48

D   **D**
%
LM   222MC
2S   **D**
1200 RM   B 850
-48
B

VON
E
-48
181
221NL

E
Rot int
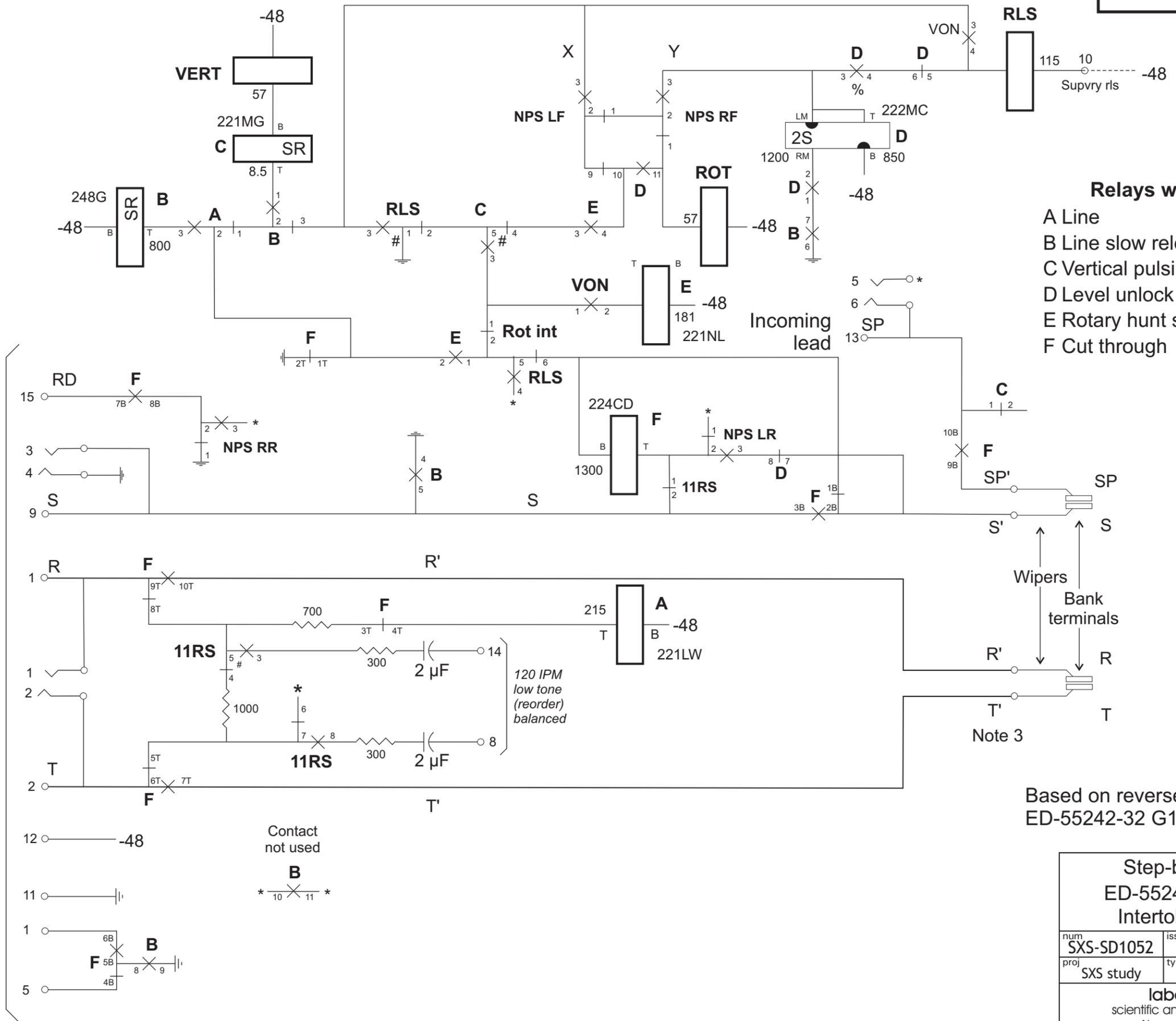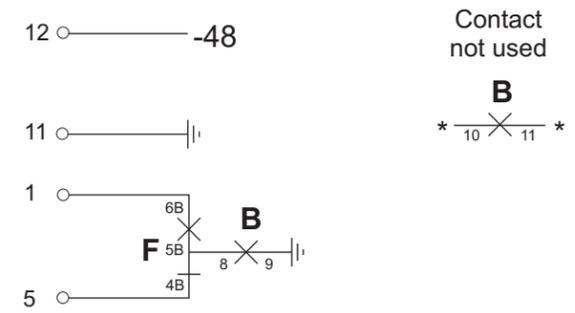**RLS**
*

Incoming lead

5
6
SP
13

Notes

1. Ground on RD lead puts associated trunk circuit into ringdown mode.

2. Ground on SP lead indicates off hook state of called party supervision.

3. "Prime" notation on leads for reference only.

A. Spark suppression networks and noninductive windings not shown.

Relays with functions
A Line
B Line slow release
C Vertical pulsing in progress
D Level unlock memory
E Rotary hunt step
F Cut through

F
2T 1T

RD   **F**
15   7B 8B
2 3 *
1
NPS RR

3
4
S
9

B
4
5
S

224CD
F
B   T
1300

*
NPS LR
2 3 7
8 D
11RS
1
2
F
3B 2B
1B

C
1 2

10B
F
9B
SP'
S'

SP
S

Wipers

Bank terminals

R   **F**
1   9T 10T
8T
R'

F
700
3T 4T
215
A
-48
T   B
221LW

11RS
5 3
#
4
1000
300
2 µF
14

*
6
7 8
300
2 µF
8

120 IPM low tone (reorder) balanced

11RS

R'   R
T'   T
Note 3

Incoming leads

1
1
2
T
2
5T
6T 7T
F
T'

12   -48

Contact not used

B
* 10 11 *

11

1
6B
F 5B **B**
8 9
4B
5

Legend

SR: Slow release
VON: Vertical off-normal
2S: "Two step"
Rot int: Rotary interrupter
NPS: Normal post springs
11RS: 11th step rotary contacts
#: "Make before break"
*: Unused spring

Based on reverse engineering of an ED-55242-32 G11 by Will Sherwood.