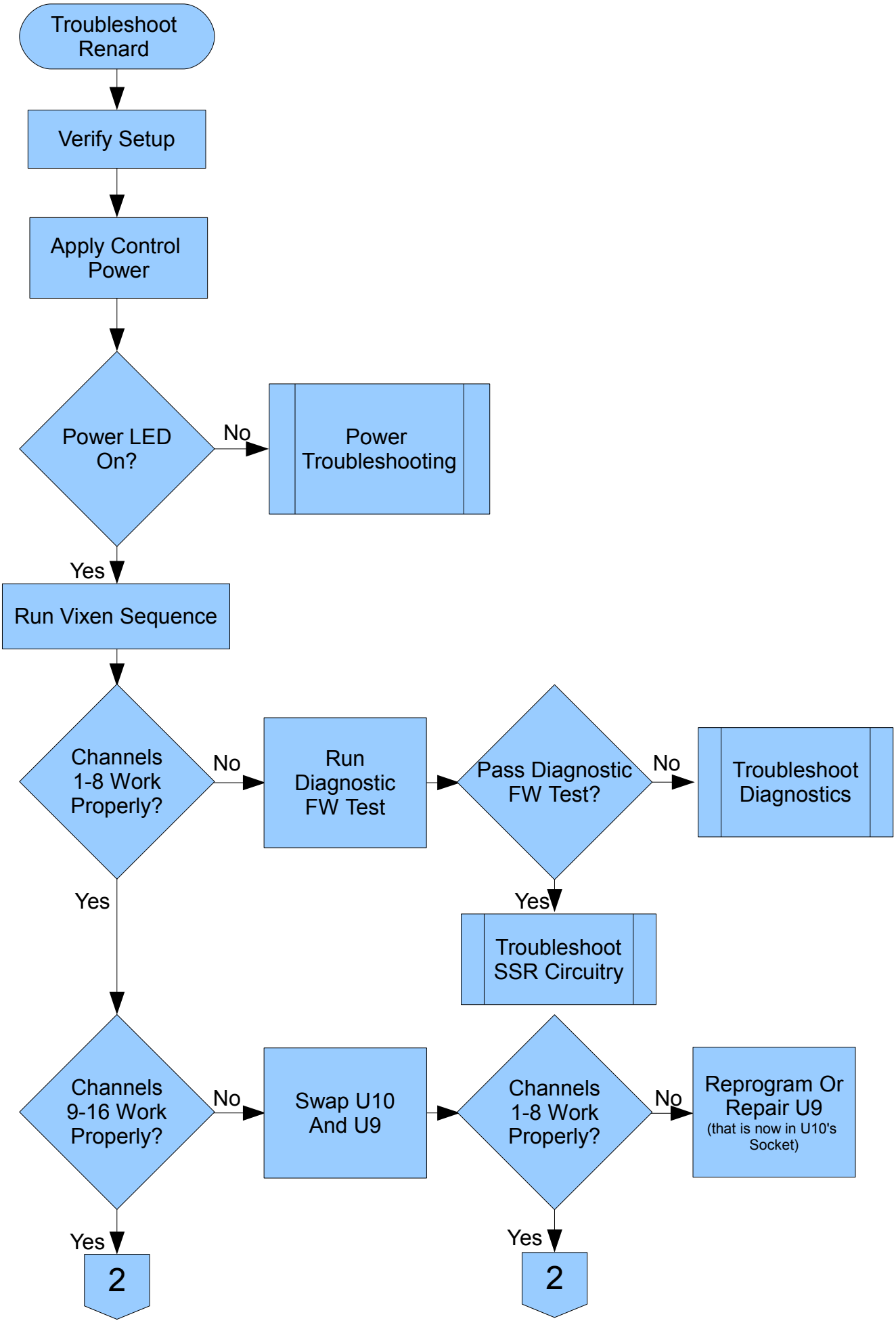
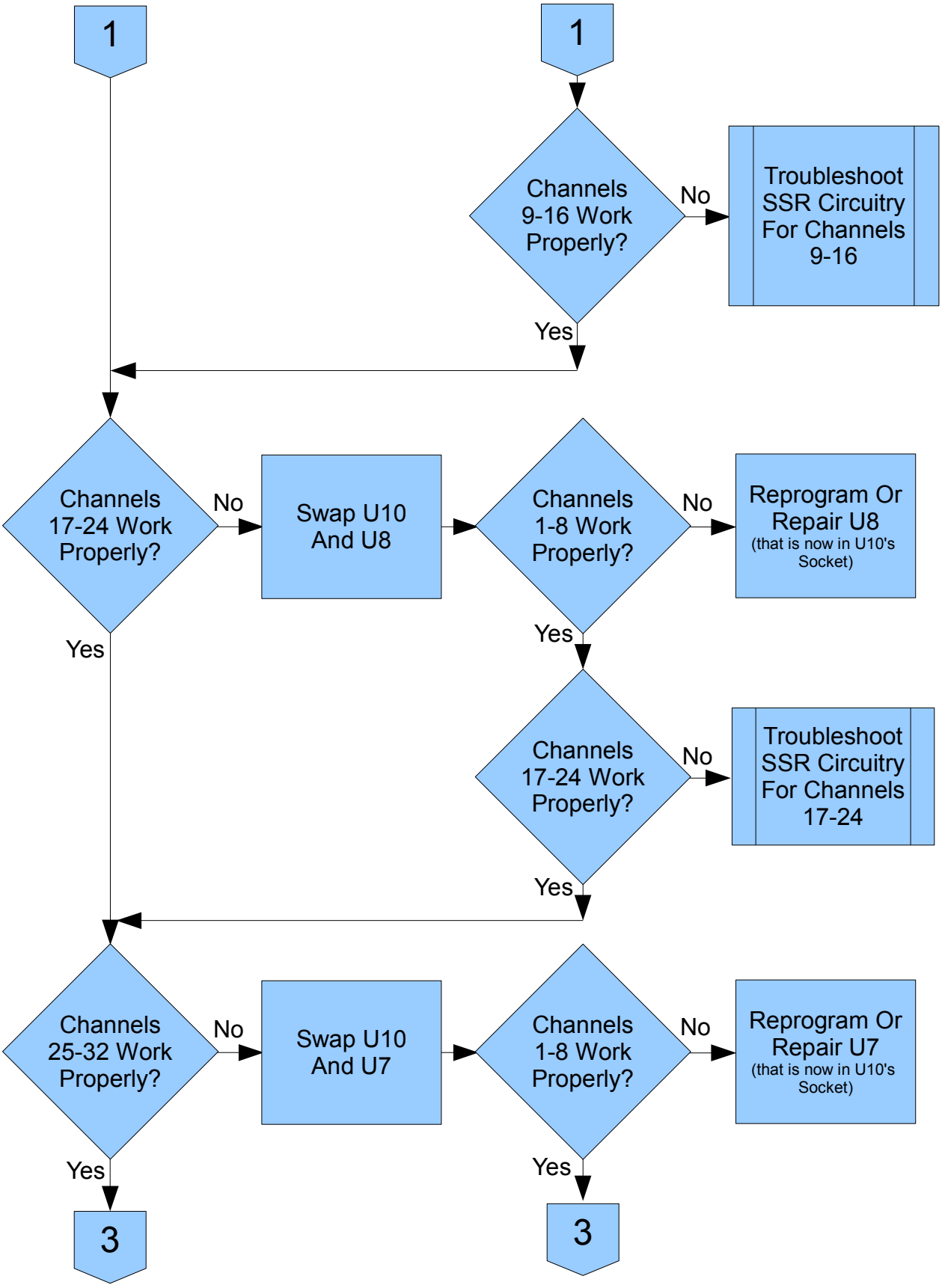
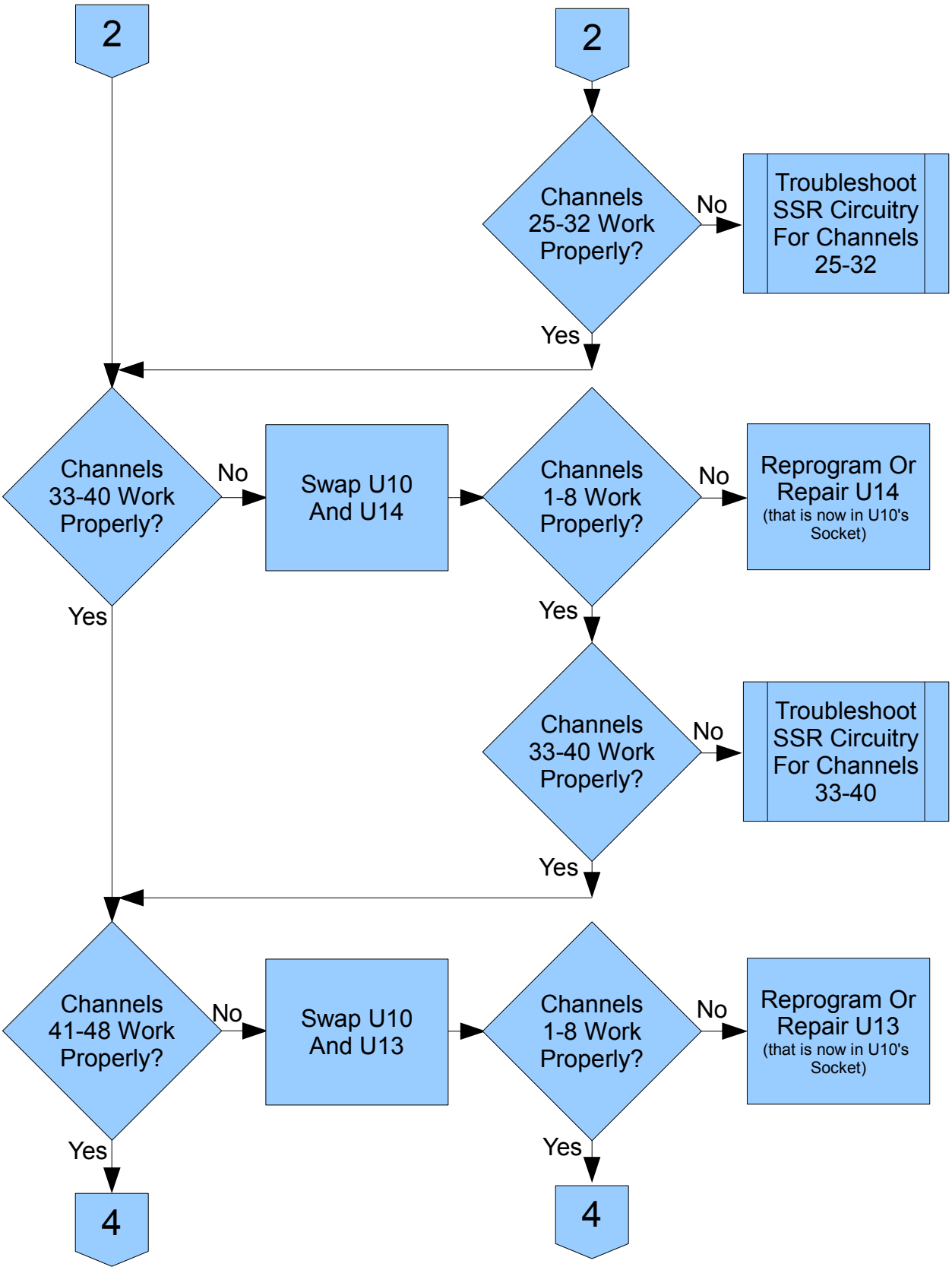
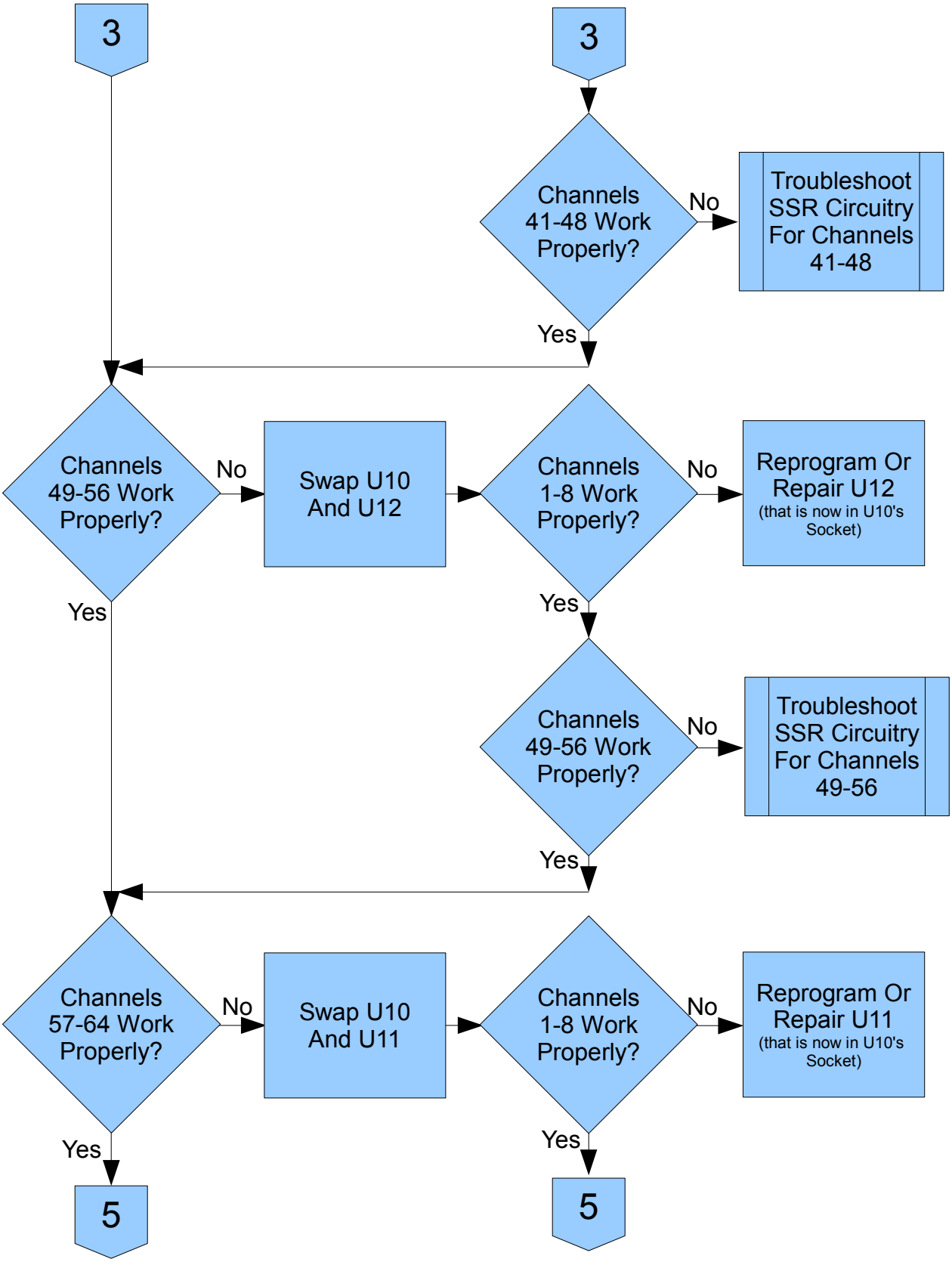
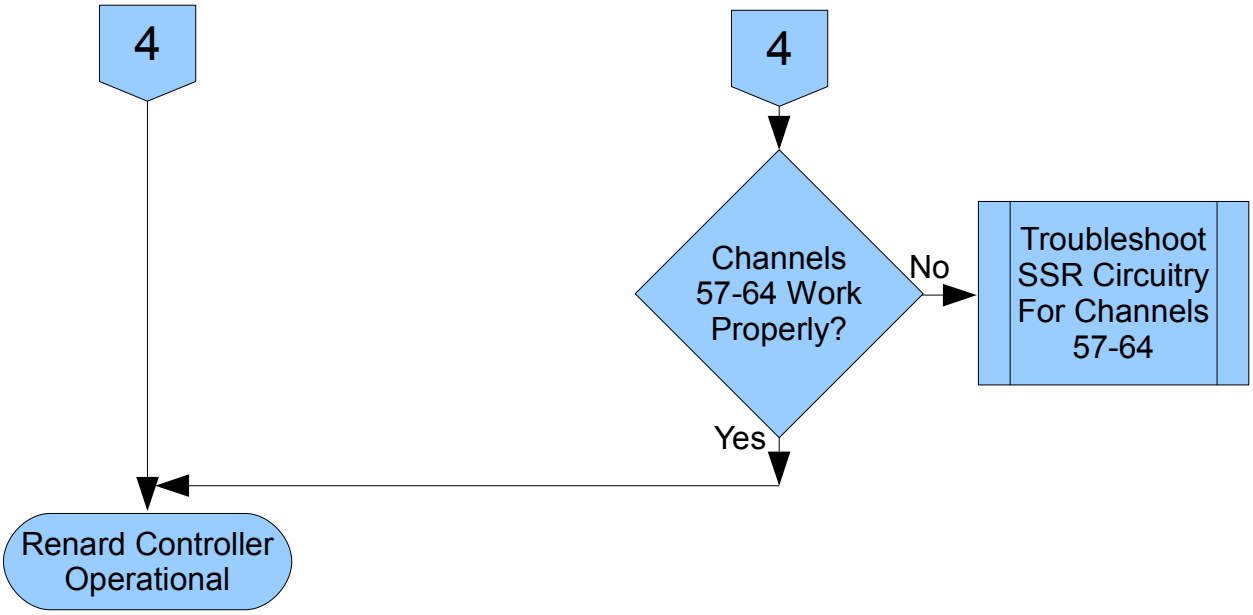

Troubleshoot Renard
Verify Setup
Apply Control Power
Power LED On?
No
Power Troubleshooting
Yes
Run Vixen Sequence
Channels 1-8 Work Properly?
No
Run Diagnostic FW Test
Pass Diagnostic FW Test?
No
Troubleshoot Diagnostics
Yes
Troubleshoot SSR Circuitry
Yes
Channels 9-16 Work Properly?
No
Swap U10 And U9
Channels 1-8 Work Properly?
No
Reprogram Or Repair U9
(that is now in U10's Socket)
Yes
2
Yes
2


1
1
Channels 9-16 Work Properly?
No
Troubleshoot SSR Circuitry For Channels 9-16
Yes
Channels 17-24 Work Properly?
No
Swap U10 And U8
Channels 1-8 Work Properly?
No
Reprogram Or Repair U8
(that is now in U10's Socket)
Yes
Yes
Channels 17-24 Work Properly?
No
Troubleshoot SSR Circuitry For Channels 17-24
Yes
Channels 25-32 Work Properly?
No
Swap U10 And U7
Channels 1-8 Work Properly?
No
Reprogram Or Repair U7
(that is now in U10's Socket)
Yes
Yes
3
3


2
2
Channels 25-32 Work Properly?
No
Troubleshoot SSR Circuitry For Channels 25-32
Yes
Channels 33-40 Work Properly?
No
Swap U10 And U14
Channels 1-8 Work Properly?
No
Reprogram Or Repair U14
(that is now in U10's Socket)
Yes
Yes
Channels 33-40 Work Properly?
No
Troubleshoot SSR Circuitry For Channels 33-40
Yes
Channels 41-48 Work Properly?
No
Swap U10 And U13
Channels 1-8 Work Properly?
No
Reprogram Or Repair U13
(that is now in U10's Socket)
Yes
Yes
4
4


3
3
Channels 41-48 Work Properly?
No
Troubleshoot SSR Circuitry For Channels 41-48
Yes
Channels 49-56 Work Properly?
No
Swap U10 And U12
Channels 1-8 Work Properly?
No
Reprogram Or Repair U12
(that is now in U10's Socket)
Yes
Yes
Channels 49-56 Work Properly?
No
Troubleshoot SSR Circuitry For Channels 49-56
Yes
Channels 57-64 Work Properly?
No
Swap U10 And U11
Channels 1-8 Work Properly?
No
Reprogram Or Repair U11
(that is now in U10's Socket)
Yes
Yes
5
5


4
4
Channels 57-64 Work Properly?
No
Troubleshoot SSR Circuitry For Channels 57-64
Yes
Renard Controller Operational