

## Ham 314 - As3 tools debug

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We have a rather strange issue on three nodes and three others in the group have a similar problem.

```
rpt cmd 58nnn1 ilink 3 55553 ; connects properly from CLI
*806 ; from mic keypad disconnects properly
*155553 ; from mic keypad disconnects properly
rpt cmd 58nnn1 ilink 1 55553 ; disconnects properly from CLI
rpt fun 58nnn1 *155553 ; disconnects properly from CLI
; transmit and receive is identified as
; proper from the parrot site.
*815 ; reports status properly

rpt fun 58nnn1 *355553 ; connect from CLI
; shows decoding

*355553 ; connect from mic keypad
; CLI shows proper decoding

Call into 58nnn1 ; from other nodes works properly.

Call into 58nnn1 ; from iPhone Repeater Phone works properly.
```

Everything appears to work normally, except the \*3 function. Apparently, something is amiss in rpt.conf [functions] stanza. Mandatory command codes show '3 = ilink,3'.

Each test is with a single node behind the router.

Issues can be posted on the Allstarlink link community.

<https://community.allstarlink.org/t/nodes-not-connecting-with-3-all-other-functions-work/21636/11>

To preserve from auto re-formatting by the forum editor, use triple ticks before and after code.

```
```
Post
```
```

After posting and exchanging additional information, the fug was fixed.

The logger configuration in asterisk is not configured to show debug information, Configure logger to show debugger.

```
sudo nano /etc/asterisk/logger.conf ;Change the following:
console => notice,warning,error,dtmf,debug ; MOD add debug to CLI core set
; console => notice,warning,error,dtmf ; MOD original without debug
```

Restart logger in the cli: `type logger reload`

Debug is invoked at CLI: `node58nnn1*CLI> core set debug 4 app_rpt.so`

Stop debug: `node58nnn1*CLI> core set debug 0 app_rpt.so`

To get all options for asterisk -rx "rpt xxxx..." type at cli prompt `CLI> core show help rpt`.

Life is good. Enjoy.

