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* status cmds:
*
* 1 - Force ID (global)
* 2 - Give Time of Day (global)
* 3 - Give software Version (global)
* 4 - Give GPS location info
* 5 - Last (dtmf) user
* 11 - Force ID (local only)
* 12 - Give Time of Day (local only)
*
* cop (control operator) cmds:
*
* 1 - System warm boot
* 2 - System enable
* 3 - System disable
* 4 - Test Tone On/Off
* 5 - Dump System Variables on Console (debug)
* 6 - PTT (phone mode only)
* 7 - Time out timer enable
* 8 - Time out timer disable
* 9 - Autopatch enable
* 10 - Autopatch disable
* 11 - Link enable
* 12 - Link disable
* 13 - Query System State
* 14 - Change System State
* 15 - Scheduler Enable
* 16 - Scheduler Disable
* 17 - User functions (time, id, etc) enable
* 18 - User functions (time, id, etc) disable
* 19 - Select alternate hang timer
* 20 - Select standard hang timer
* 21 - Enable Parrot Mode
* 22 - Disable Parrot Mode
* 23 - Birdbath (Current Parrot Cleanup/Flush)
* 24 - Flush all telemetry
* 25 - Query last node un-keyed
* 26 - Query all nodes keyed/unkeyed
* 27 - Reset DAQ minimum on a pin
* 28 - Reset DAQ maximum on a pin
* 30 - Recall Memory Setting in Attached Xcvr
* 31 - Channel Selector for Parallel Programmed Xcvr
* 32 - Touchtone pad test: command + Digit string + # to playback all digits pressed
* 33 - Local Telemetry Output Enable
* 34 - Local Telemetry Output Disable
* 35 - Local Telemetry Output on Demand
* 36 - Foreign Link Local Output Path Enable
* 37 - Foreign Link Local Output Path Disable
* 38 - Foreign Link Local Output Path Follows Local Telemetry
* 39 - Foreign Link Local Output Path on Demand
* 42 - Echolink announce node # only
* 43 - Echolink announce node Callsign only
* 44 - Echolink announce node # & Callsign
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* 45 - Link Activity timer enable
* 46 - Link Activity timer disable
* 47 - Reset "Link Config Changed" Flag
* 48 - Send Page Tone (Tone specs separated by parenthesis)
* 49 - Disable incoming connections (control state noice)
* 50 - Enable incoming connections (control state noicd)
* 51 - Enable sleep mode
* 52 - Disable sleep mode
* 53 - Wake up from sleep
* 54 - Go to sleep
* 55 - Parrot Once if parrot mode is disabled
* 56 - Rx CTCSS Enable
* 57 - Rx CTCSS Disable
* 58 - Tx CTCSS On Input only Enable
* 59 - Tx CTCSS On Input only Disable
* 60 - Send MDC-1200 Burst (cop,60,type,UnitID[,DestID,SubCode])
    Type is 'I' for PttID, 'E' for Emergency, and 'C' for Call
    (SelCall or Alert), or 'SX' for STS (ststatus), where X is 0-F.
    DestID and subcode are only specified for the 'C' type message.
    UnitID is the local systems UnitID. DestID is the MDC1200 ID of
    the radio being called, and the subcodes are as follows:
        Subcode '8205' is Voice Selective Call for Spectra ('Call')
        Subcode '8015' is Voice Selective Call for Maxtrac ('SC') or
        Astro-Saber('Call')
        Subcode '810D' is Call Alert (like Maxtrac 'CA')
* 61 - Send Message to USB to control GPIO pins (cop,61,GPI01=0[,GPI04=1].....)
* 62 - Send Message to USB to control GPIO pins, quietly (cop,62,GPI01=0[,GPI04=1].....)
* 63 - Send pre-configured APRSTT notification (cop,63,CALL[,OVERLAYCHR])
* 64 - Send pre-configured APRSTT notification, quietly (cop,64,CALL[,OVERLAYCHR])
* 65 - Send POCSAG page (equipped channel types only)
*
* ilink cmds:
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* 1 - Disconnect specified link
* 2 - Connect specified link -- monitor only
* 3 - Connect specified link -- tranceive
* 4 - Enter command mode on specified link
* 5 - System status
* 6 - Disconnect all links
* 7 - Last Node to Key Up
* 8 - Connect specified link -- local monitor only
* 9 - Send Text Message (9,<destnodeno or 0 (for all)>,Message Text, etc.
* 10 - Disconnect all RANGER links (except permalinks)
* 11 - Disconnect a previously permanently connected link
* 12 - Permanently connect specified link -- monitor only
* 13 - Permanently connect specified link -- tranceive
* 15 - Full system status (all nodes)
* 16 - Reconnect links disconnected with "disconnect all links"
* 17 - MDC test (for diag purposes)
* 18 - Permanently Connect specified link -- local monitor only
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* 200 thru 215 - (Send DTMF 0-9,*,#,A-D) (200=0, 201=1, 210=*, etc)
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* remote cmds:
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* 1 - Recall Memory MM (*000-*099) (Gets memory from rpt.conf)
* 2 - Set VFO MMMMM*KKK*0 (Mhz digits, Khz digits, Offset)
* 3 - Set Rx PL Tone HHH*D*
* 4 - Set Tx PL Tone HHH*D* (Not currently implemented with DHE RBI-1)
* 5 - Link Status (long)
* 6 - Set operating mode M (FM, USB, LSB, AM, etc)
* 100 - RX PL off (Default)
* 101 - RX PL On
* 102 - TX PL Off (Default)
* 103 - TX PL On
* 104 - Low Power
* 105 - Med Power
* 106 - Hi Power
* 107 - Bump Down 20 Hz
* 108 - Bump Down 100 Hz
* 109 - Bump Down 500 Hz
* 110 - Bump Up 20 Hz
* 111 - Bump Up 100 Hz
* 112 - Bump Up 500 Hz
* 113 - Scan Down Slow
* 114 - Scan Down Medium
* 115 - Scan Down Fast
* 116 - Scan Up Slow
* 117 - Scan Up Medium
* 118 - Scan Up Fast
* 119 - Transmit allowing auto-tune
* 140 - Link Status (brief)
* 200 thru 215 - (Send DTMF 0-9,*,# ,A-D) (200=0, 201=1, 210=*, etc)
*
* playback cmds:
* specify the name of the file to be played globally (for example, 25=rpt/foo)
*
* localplay cmds:
* specify the name of the file to be played locally (for example, 25=rpt/foo)
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* 'duplex' modes: (defaults to duplex=2)
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* 0 - Only remote links key Tx and no main repeat audio.
* 1 - Everything other then main Rx keys Tx, no main repeat audio.
* 2 - Normal mode
* 3 - Normal except no main repeat audio.
* 4 - Normal except no main repeat audio during autopatch only
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*
* "events" subsystem:
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* in the "events" section of the rpt.conf file (if any), the user may
* specify actions to take place when ceratin events occur.
*
* It is implemented as acripting, based heavily upon expression evaluation built
* into Asterisk. Each line of the section contains an action, a type, and variable info.

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* Each line either sets a variable, or executes an action based on a transitional state
* of a specified (already defined) variable (such as going true, going false, no change,
* or getting set initially).
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* The syntax for each line is as follows:
*
* action-spec = action|type|var-spec
*
* if action is 'V' (for "setting variable"), then action-spec is the variable being set.
* if action is 'G' (for "setting global variable"), then action-spec is the global variable
being set.
* if action is 'F' (for "function"), then action-spec is a DTMF function to be executed (if
result is 1).
* if action is 'C' (for "rpt command"), then action-spec is a raw rpt command to be executed
(if result is 1).
* if action is 'S' (for "shell command"), then action-spec is a shell command to be executed
(if result is 1).
*
* if type is 'E' (for "evaluate statement" (or perhaps "equals") ) then the var-spec is a full
statement containing
*   expressions, variables and operators per the expression evaluation built into Asterisk.
* if type is 'T' (for "going True"), var-spec is a single (already-defined) variable name, and
the result will be 1
*   if the variable has just gone from 0 to 1.
* if type is 'F' (for "going False"), var-spec is a single (already-defined) variable name,
and the result will be 1
*   if the variable has just gone from 1 to 0.
* if type is 'N' (for "no change"), var-spec is a single (already-defined) variable name, and
the result will be 1
*   if the variable has not changed.
*
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