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# SSID

An SSID is a number added after the callsign to indicate the function of the station. SSID assignments are slightly different for Winlink and APRS:

| SSID | Packet, Winlink, etc   | APRS  |
|------|--|---|
| -0   | Home station. <sup>1)</sup>  | Your primary station usually fixed and message capable      |
| -1   | Home station personal mailbox. <sup>2)</sup>                       | generic additional station, digi, mobile, wx, etc           |
| -2   | Gateways   | generic additional station, digi, mobile, wx, etc           |
| -3   | Full service BBS's. <sup>3)</sup>                                  | generic additional station, digi, mobile, wx, etc           |
| -4   | Network Nodes. <sup>4)</sup>                                       | generic additional station, digi, mobile, wx, etc           |
| -5   | Console, keyboard or printer                                       | Other networks (Dstar, Iphones, Androids, Blackberry's etc) |
| -6   | Conference Bridges   | Special activity, Satellite ops, camping or 6 meters, etc   |
| -7   | Crossband digipeaters and KA-Nodes                                 | walkie talkies, HT's or other human portable                |
| -8   | Crossband digipeaters  | boats, sailboats, RV's or second main mobile                |
| -9   | Mobiles  | Primary Mobile (usually message capable)                    |
| -10  | Winlink 2K   | internet, lgates, echolink, winlink, AVRS, APRN, etc        |
| -11  | unassigned   | balloons, aircraft, spacecraft, etc                         |
| -12  | unassigned   | APRStt, DTMF, RFID, devices, one-way trackers*, etc         |
| -13  | unassigned   | Weather stations  |
| -14  | unassigned   | Truckers or generally full time drivers                     |
| -15  | Downlink address when exiting the far end of a network connection. | generic additional station, digi, mobile, wx, etc           |

## Sources

- <http://www.ctares.org/ssid.php>
- <http://www.mi-drg.org/ssid.shtml>
- <http://www.aprs.org/aprs11/SSIDs.txt>

<sup>1)</sup>

Note: "-0" not needed - automatically presumed if no SSID.

<sup>2)</sup>

Usually a TNC-based PBBS

<sup>3)</sup>

Those that forward mail and bulletins

<sup>4)</sup>

Having two or more radio ports that perform routing functions via TCP/IP, NetROM, etc. Can be combined with BBS's that also perform routing.