

Sleep Mode enable and control

wiki.allstarlink.org

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1 Sleep Mode enable and control

Legacy Version - This page is about a legacy version of AllStarLink. See ¹

Implementing Sleep Mode on a Node

Sleep mode allows the local repeater transmitter to remain quiet after a set period of inactivity. The repeater transmitter will be awakened if the following events occur:

1. An "awaken from sleep" COP command is decoded on any command source
2. There is traffic coming in from a remote node
3. There is telemetry coming in from a remote node.

Additionally, the sleep inactivity timer will be reset if there are any signals on the repeater input which are received during the time the system is awake.

COP Methods

51 Enable Sleep Mode

52 Disable Sleep Mode

53 Awaken from Sleep

54 Go back to sleep when the TX carrier drops

Node Stanza

`sleeptime=` - number of seconds of tx inactivity before going to sleep. The default value for this setting is 900 seconds (15 minutes). Example:

```
sleeptime=300
```

Note: The receiver is always active while asleep. Sleep prevents the system from IDing/TX at interval when there has been no activity as an example.

¹ <https://allstarlink.github.io/adv-topics/sleepmode>

You should also note the implications of having a shorter sleeptime than ID interval.

Many using 'half duplex' links/remotes may want to turn it off for various reasons on the link/remote node.

1.1 Contributors

- KB8JNM²
- VE7FET³
- This page was last edited on 11 July 2025, at 02:52.

² <https://wiki.allstarlink.org/index.php?title=User:KB8JNM&action=edit&redlink=1>

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Version 3, 29 June 2007

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