**START**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| bit | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
|  | unix time 2 | | | | | | | | millis 2 | | | unix time 1 | | | | | | | | millis 1 | | |

Ntp packet

Network packet

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| byte | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
|  | test mode | | unixStartTime | | | | | | | | | | | | | | | | startMsTime | | | | newSkier | reboot | idSkier | |

**FINISH**

Ntp packet

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| bit | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
|  | unix time | | | | | | | | millis | | |

Network packet

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| byte | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
|  | test mode | | 0 | | | | | | | | | | | | | | | | ready | | reboot | | count skier | | 0 | |

**Bluetooth data**

ID – uint16

Time start

* hour – uint16
* min – uint16
* sec – uint16
* ms – uint16

Time finish

* hour – uint16
* min – uint16
* sec – uint16
* ms – uint16

Time result

* hour – uint16
* min – uint16
* sec – uint16
* ms – uint16

System status

* status – uint8
* network – uint8
* sdCard – uint8
* numSkierOnWay – uint16
* maxSkierOnWay – uint16

Unix Time - uint32

AdminOnly – uint8