

# VARA Protocol Native TNC Commands

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Revised: Rev 2 Nov 21, 2017

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## 1.0 Purpose:

This document provides detailed information on Native (plain text) commands for the VARA protocol. The commands are sent using a TCPIP interface, typically, the 8300 port. The data flux is sent by the 8301 port.

## 2.0 VARA Commands:

### **ABORT**<cr>

Immediately aborts an ARQ Connection (dirty disconnect)

### **CONNECT** Source Destination<cr>

Connect with the Destination callsign

### **DISCONNECT**<cr>

Start normal disconnect sequence

### **LISTEN ON**<cr>

Enables server's response to an ARQ connect request to any of MYCALL call signs. Default = ON. May be used to block connect requests during scanning or periods when server is offline or in the process of changing frequency.

### **LISTEN OFF**<cr>

Disables server's response to an ARQ connect request to any of MYCALL call signs. Default = ON. May be used to block connect requests during scanning or periods when server is offline or in the process of changing frequency.

### **MYCALL** Call1 Call2 Call3 Call4 Call5<cr>

Set current call sign (maximum 5 call signs). If not a valid call generates a WRONG. Legitimate call signs include from 3 to 7 ASCII characters (A-Z, 0-9) followed by an optional "-" and an SSID of -1 to -15.

## 4.0 VARA Responses

### **BUFFER Bytes<cr>**

Reports number of bytes in transmit buffer queue. Sent when VARA adds data to queue or VARA removes acked bytes from queue

### **BUSY OFF<cr>**

Free channel

### **BUSY ON<cr>**

Busy channel

### **CANCELPENDING Call<cr>**

Indicates to the host that the prior PENDING Connect Request was not to MYCALL. This allows the Host to resume scanning. Command may include a Call when request is decoded but is for another station.

### **CONNECTED Source Destination<cr>**

Reports the Source station is connected

### **DISCONNECTED<cr>**

Session closed by either end

### **PENDING<cr>**

Indicates to the host application a Connect Request has been detected (may not necessarily be to MYCALL call signs). This provides an early warning to the host that a connection may be in process so it can hold any scanning activity.

### **PTT OFF<cr>**

Order for switching PTT OFF

### **PTT ON<cr>**

Order for switching PTT ON

### **OK<cr>**

Response to a received command

### **WRONG<cr>**

Wrong command