PC User config Set or Get commands Description Send Growth Self Self Self Self Self Self Self Self	ne Call Sign followed by the suffix
Description	ne Call Sign followed by the suffix
Cmd User Config Store in EEPROM ICSE S S Text 1 S=Sig, W=WSPR, N=None S S Text 5 0-99999 Minutes S Text 5 0-999	
Company Comp	
Opt 17 Ausse	
Opt Band TX Enable OBD S/G Text 2 Text 1 - Band number * , E/D E=Enable, D=Disable Emander of the control of t	
Opt Location OLC SIG Text 1. G=GPS calculated, M=Manual (DL4 or DL6 data) Control Coator Precision	
Opt Locator Precision [OLP] S/G Text 1. 4 of 6 = Number of character used in the Maidenhead report. Opt Power (OPW) S/G Text 1. N=Normal using the DPD Power Data. A=Altitude encoded. Opt Time Slot (OPS) S/G Text 2 Time Slot Code to 16. 0-4=10 min. schedule, 15=Band coordinated Schedule, 16=No schedule Opt PreFix/Suffix (OPS) S/G Text 1 P=Use Prefix. S=Use Suffx. N=None Dat CallSign (DCS) S/G Text 6 Callsign Dat Suffx (OPS) S/G Text 6 Callsign Dat Suffx (OPS) S/G Text 3 Prefix padded with leading spaces if less than three characters. A-Z and 0-9 allowed Dat Locator 4 (DL4) S/G Text 4 Maidenhead grid with four characters Dat Locator 6 (DL6) S/G Text 4 Maidenhead grid with six characters Dat PowerData (DPD) S/G Text 4 Ower in dBm. Pading with a leading zero to two characters 0-60dBm Dat Mame (DNM) S/G Text 4 Ower in dBm. Pading with a leading zero to 12 characters Debug Set LP Filter (CSL) S/G Text 1. Text 1=AB,C or D for LP bank. Text 1. Text 1=AB,C or D for LP bank. Type of data and number of bytes Factory Product model Number (FHV) S/G Text 5 0-85534 Factory Product model Number (FHV) S/G Text 5 0-85534 Factory Product model Number (FHV) S/G Text 5 0-85534 Factory Product model Number (FHV) S/G Text 5 0-85534 Factory Product model Number (FHV) S/G Text 5 0-85534	
Opt Power [OPW] S/G Text 1. N=Normal using the DPD Power Data. A=Altitude encoded. Image: Control of the Contr	
Opt PreFix/Suffix OpS S/G Text1 P=Use Prefix. S=Use Sufix. N=None	
Dat CallSign DCS S/G Text 6 Callsign Text 6 Call Sign suffix code	
Dat Suffix	
Dat Prefix DPF S/G Text 3 Prefix padded with leading spaces if less than three characters, A-Z and 0-9 allowed Call Sign prefix chars. A / will be automatically added between Dat Locator 4 DL4 S/G Text 4 Maidenhead grid with four characters S/G Text 4 Maidenhead grid with four characters S/G Text 4 Maidenhead grid with six characters S/G Text 4 Maidenhead grid with six characters S/G Text 4 Maidenhead grid with six characters S/G Text 2 Power in dBm. Pading with a leading zero to two characters 0-60dBm S/G Text 2 Power in dBm. Pading with a leading zero to two characters 0-60dBm S/G Text 4 O S/G Text 4 O S/G Text 4 O S/G Text 4 O S/G Text 4 Prequency in Centi Hertz. Paded with leading zeros to 12 characters S/G Text 4 O S/G Text 2 Prequency in Centi Hertz. Paded with leading zeros to 12 characters S/G S/G Text 3 Prefix chars. A / will be automatically added between the service of t	
Dat Locator 4 [DL4] S/G Text 4 Maidenhead grid with four characters Dat Locator 6 [DL6] S/G Text 6 Maidenhead grid with six characters Dat PowerData [DPD] S/G Text 6 Maidenhead grid with six characters Dat PowerData [DPD] Text 6 Maidenhead grid with six characters Dat Name [DNM] S/G Text 40 Dat Generator Frequency [DGF] S/G Text 12 Frequency in Centi Hertz. Paded with leading zeros to 12 characters Debug Set LP Filter [CSL] S Text 1. Text1=A,B,C or D for LP bank. PC Factory config Set or Get commands Type of data and number of bytes Description Send Set/GG Text 3. 2-255 Text 3. 0-255 Text 3. 4 Maidenhead grid with four characters Date (CSL) S/G Text 4 Maidenhead grid with six characters LP filters are automatically set by the WSPR Beacon and Sign temporarily overrided by this command for testing purposes Type of data and number of bytes Data Comment Factory Hardware Version [FHV] S/G Text 3.0-255	•
Dat Power/Data [DPD] S/G Text 2 Power in dBm. Pading with a leading zero to two characters 0-60dBm Dat Name [DNM] S/G Text 40 Dat Alean Dat Alean Dat Generator Frequency [DGF] S/G Text 12 Frequency in Centi Hertz. Paded with leading zeros to 12 characters LP filters are automatically set by the WSPR Beacon and Sign temporarily overrided by this command for testing purposes LP filters are automatically set by the WSPR Beacon and Sign temporarily overrided by this command for testing purposes LP filters are automatically set by the WSPR Beacon and Sign temporarily overrided by this command for testing purposes PC Factory config Set or Get commands Type of data and number of bytes Factory data is sent by the PC Factory configura Dascription Send Set/Get Data (B-1) Section Send Set/Get Section Send Section Send Set/Get Send Section Send Se	
Dat Name DNM S/G Text 40	
Dat Generator Frequency [DGF] S/G Text 12 Frequency in Centi Hertz. Paded with leading zeros to 12 characters Debug Set LP Filter [CSL] S Text 1. Text1=A,B,C or D for LP bank. LP filters are automatically set by the WSPR Beacon and Sign temporarily overrided by this command for testing purposes PC Factory config Set or Get commands Description Send Set/GG Data [B-D] Description Send Set/GG Data [B-D] Data Comment Factory Product model Number [FPN] G Text 3 0-255 Text 1. Text1=A,B,C or D for LP bank. Data Comment 1011=WSPR-TX_LP1, 1012=WSPR Desktop, 1017=WSPR M Factory Hardware Version [FHV] S/G Text 3 0-255	
Debug Set LP Filter [CSL] S Text 1. Text 1=AB,C or D for LP bank. LP filters are automatically set by the WSPR Beacon and Sign LP filters are automatically	
PC Factory config Set or Get commands Description Send Set/Get Data (E/FN) G Text 5 0-85534 Factory Product model Number (FPN) S/G Text 3 0-255 Factory Product model Number (FHV) S/G Text 3 0-255 Factory Product model Number (nal Gen. routines but can be
Description Send Set/Get Data [8.] Data Comment Factory Product model Number [FPN] G Text 5 0-65534 1011=WSPR-TX_LP1, 1012=WSPR Desktop, 1017=WSPR M Factory Hardware Version [FHV] S/G Text 3 0-255 E	
Factory Product model Number [FN] G Text 5 0-65534 1011=WSPR-TX_LP1, 1012=WSPR Desktop, 1017=WSPR M Factory Hardware Version [FHV] S/G Text 3 0-255 1011=WSPR-TX_LP1, 1012=WSPR Desktop, 1017=WSPR M	ation software
Factory Hardware Version [FHV] S/G Text 3 0-255	
	lini
Teachy Software Version [FSV] G Text 3 0-255	
Factory Software Revision [FSR] G Text 3 0-255	
Factory Reference Oscillator Frequency [FRF] S/G Text 9 Frequency in Hertz. Paded with leading zeros to 9 characters Normally 0260000000	11.16
Factory Low Pass Filter installed [FLP] S/G Text 1 A,B,C or D for indicating or setting bank of low pass filter A to D Text 2 00 to 15 for match, 99=Nothing fitted (open circut) the firmware will never	use this as a filter
Cmd FactoryConfig Store in EEPROM [FSE] S	
Arduino replies for Get commands Type of data and number of bytes Replies from the Arduino in respons to a Get qu	
Arduino replies for Get commands Type of data and number of bytes Replies from the Arduino in respons to a Get qu Description Return Data Data	lery
Cmd CurrentMode (CCM) Text 1 S=Sig, W=WSPR, N=None	
Opt TX Pause (OTP) Text 5 0-9999 Minutes	
Opt StartMode {OSM} Text 1 S=Sig, W=WSPR, N=None	
Opt Band TX Enable (OBD) Text 2 Text 1. Band number *, E=Enable, D=Disable	
Opt Location {OLC} Text 1. G=GPS calculated, M=Manual (DL4 data) Dat CallSign {DCS} Text 6	
Dat Locator 6 {DL6} Text 6	
Dat PowerData {DPD} Text 2 (00 to 60) dBm	
Dat Name {DNM} Text 40 Dat Generator Freq {DGF} Text 12 Frequency in Centi Hertz. Paded with leading zeros to 12 characters	
Dell'Orientato med [DOT] text 12 medianty in Centu ment, national services to 12 chalacters	
Arduino Status update messages Type of data and number of bytes These messages are sent whenever the Arduino	thinks it's appropriate
Description Return Data Data Current Mode {CCM} Text 1 S=Sig, W=WSPR, N=None =	
GORS locator 4 char Maidenhead (GL4) Text 4	
GPS Locator 6 char Maidenhead (GL6) Test 6	
GPS Time (GTM) Text 8 HH:MM:SS	
GPS Lock {GLC} Text 1 T=True F=False GPS Satellite data {GSI} Text2 Text3 Text2 Text2 - ID Az EI SNR	
GPS Satellite data {GSI} Text2 Text3 Text2 Text2 - ID Az EI SNR Transmitter Frequency {TFQ} Text 5-12 Frequency in centiHz, no leading zeros	
Transmitter On (TON) Text 1 T=True F=False	
Microcontroller Paus MPS Text 7 0.4,000,000Seconds	
Microcontroller Information {MIN} Text	
Low Pass filter set {LPI} Text 1 A-D MicroController VCC Voltage {MVC} Text 4 0-999mV (Normally 3300)	
Transmitter Current Band (TBN) Text 2=Band number *	
Transmitter WSPR Symbol (TWS) Text 2 Text 3 Band number*, WSPR symbol count 0-161	
Transmitter WSPR Band Cycle Complete {TCC}	
* Band number definitions 00=2190m	
00=2.50ml 01=630m	
02=160m	
03=80m	
04=40m	
05=30m 06=20m	
00=20m 07=17m	
8=15m	
9=12m	
10=10m	
11=6m 12=4m	
12-mil	
14=70cm	
15=23cm	