Primary data message formats for airtalk link on Ultra HXL and Enigma (configured as master to Ultra slave).
Set Ultra to multipanel mode and master to enable transmission of these messages.

All multibyte values are LSB first (intel format or little endian).
Longint: Signed 32 bit value
Integer: Signed 16 bit value
Byte: Unsigned 8 bit value
boolean: 0 is false, >0 is true, 8 bits

//Primary data tx message 1. This message is transmitted twice per second.

```
Preamble:
82H,FFH,20,1,0      ;STX,Target address (broadcast),length of data,type,subtype

Altitude: longint;  ;Altitude in feet corrected for local pressure (QNH).
                    ;negative values are possible
QNH: word;          ;QNH in millibars
VSI: integer;       ;vertical speed in feet/minute, positive and negative values
ASI: word;          ;airspeed in MPH. Minimum 16MPH, maximum 250MPH
AMBIENT: byte;      ;ambient temperature. To calculate degrees C use:
                    ;DegC:=(AMBIENT*10 div 82)-272;
FLIGHTTIME: word; ;Two bytes, first is minutes, second byte is hours.
INFLIGHT: boolean; ;True if flight recording active (flight detected)
RDACFail: boolean; ;True if no data from RDAC
Baro: word;         ;current ambient pressure in millibars
CKS: byte;          ;checksum, all bytes from Altitude to Baro added modulo 256

End of transmission:
CKS: byte;          ;Airtalk checksum, all bytes from target address to byte before this one
                    ;xor'ed with a seed of A5H
83H                 ;ETX
```

//Primary data tx message 2. This message is transmitted once per second

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Preamble:
82H,FFH,27,1,1      ;STX,Target address (broadcast),length of data,type,subtype

TC1,TC2,TC3,TC4,TC5,TC6,TC7,TC8,TC9,TC10,TC11,TC12: word;
                    ;all temperatures in degrees C (no negative values)
CKS: byte;          ;checksum, all bytes from TC1 to TC12 added modulo 256

End of transmission:
CKS: byte;          ;Airtalk checksum, all bytes from target address to byte before this one
                    ;xor'ed with a seed of A5H
83H                 ;ETX
```

//Primary data tx message 3. This message is transmitted once per second

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Preamble:
82H,FFH,31,1,2      ;STX,Target address (broadcast),length of data,type,subtype

OILT: word;         ;oil temperature in degrees C. No negative values.
OILP :word;         ;oil pressure in tenths of a bar
H2O: word;          ;coolant temp in degrees C. No negative values.
CHT1,CHT2: word;    ;CHT1 and CHT2 in degrees C for Rotax 912/914 CHT
RPM: word;          ;Engine RPM
MAN: word;          ;manifold pressure in millibar
FP: byte;           ;Fuel pressure in tenths of a bar
Rotor: word;        ;Rotor RPM
VOLTAGE: byte;      ;Voltage in tenths of a volt
AMPS: integer;      ;battery charge/discharge in steps of 10mA
FUELFLOW: word;     ;Fuelflow in liters/hour
FUELLEVEL1,FUELLEVEL2,FUELLEVELCALC: word;
                    ;Fuel levels in liters
CKS: byte;          ;checksum, all bytes from OILT to FUELEVELCALC added
                    ;modulo 256
End of transmission:
CKS: byte;          ;Airtalk checksum, all bytes from target address to byte before this one
                    ;xor'ed with a seed of A5H
83H                 ;ETX
```