Update ANZV

From HackTheIBus

Description

Update the on board computer (OBC) display with data.

Format

Message code	0x24
Message length	variable
Data size	variable
Frequency	on request

DB1	DB2	DB3...DBn
Mode	Control	Data (variable length)

Mode (DB1)

Type of OBC data to update.

Date type (decimal values):

Date type	Hex	meaning
1	0x01	Time
2	0x02	Date
3	0x03	Outside Temperature
4	0x04	Consumption 1
5	0x05	Consumption 2
6	0x06	Range
7	0x07	Distance
8	0x08	Arrival
9	0x09	Speed Limit
10	0x0A	Average Speed
12	0x0C	Memo
13	0x0D	Memo
14	0x0E	Stopwatch
15	0x0F	Timer 1
16	0x10	Timer 2

17	0x11	Aux Heating Off
18	0x12	Aux Heating On
19	0x13	Aux Vent. Off
20	0x14	Aux Vent. On
21	0x15	End Stellmode
22	0x16	Emergency Disarm
26	0x1A	Interim Time
27	0x1B	Aux Heat/Vent
31	0x1F	Test Mode
64	0x40	botton line of Multi Info Radio

All other values are unused or unknown

The following message is sent when the current local time on the display should be updated.

Example to update the time:

Byte 1	Byte 2	Byte 3	Byte 4	Byte 5	Byte 6	Byte 7	Byte 8	Byte 9	
OBC mode	Control	hour 1st digit (ASCII)	hour 2nd digit (ASCII)	0x58 (:)	minute 1st digit (ASCII)	minute 2nd digit (ASCII)	0x20 (space)	0x20 (space)	CS

Example

```
80 0C E7 24 01 00 31 30 3A 35 34 20 20 74
```

"IKE --> ANZV : local time: 10:54"

Meaning	IKE	length	ANZV	type	OBC mode	Control	hour	hour	separator	minute	minute	(space)	(space)	cs
Value	0x80	0x0C	0xE7	0x24	0x01	0x00	0x31	0x30	0x3A	0x35	0x34	0x20	0x20	0x74

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