Telemetry Definition

	Field	Bits	Value	Description
A	Sync	32	0x1ACFFC1D	Sync word
B	Length	16	0x64	Packet length (in bytes) from X1 thru X6
C	Length (Repeated)	16	0x64	Packet length (in bytes) repeated
X1	FAUX.25 StartFlag	8	0x7E	FAUX.25 StartFlag
X2	FAUX.25 Address	112	-	Non-repeater addressing
X3	FAUX.25 Control	8	0x03	Unnumbered frame
X4	FAUX.25 PID	8	0xF0	No layer-3 protocol
F	Flag Frame	640	-	Flag data (zero-padded)
X5	FAUX.25 FCS	16	-	CRC-16/XMODEM
X6	FAUX.25 EndFlag	8	0x7E	FAUX.25 EndFlag
	Total	864		

No bit stuffing

All fields transmitted MSB first

FCS is applied to X2 thru F

		Allocation							
		7	**6**	**5**	**4**	**3**	**2**	**1**	**0**
Header	**0**	A	A	A	A	A	A	A	A
	1	A	A	A	A	A	A	A	A
	2	A	A	A	A	A	A	A	A
	3	A	A	A	A	A	A	A	A
	4	B	B	B	B	B	B	B	B
	5	B	B	B	B	B	B	B	B
	6	C	C	C	C	C	C	C	C
	7	C	C	C	C	C	C	C	C
	8	X1	X1	X1	X1	X1	X1	X1	X1
	9	X2	X2	X2	X2	X2	X2	X2	X2
	10	X2	X2	X2	X2	X2	X2	X2	X2
	11	X2	X2	X2	X2	X2	X2	X2	X2
	12	X2	X2	X2	X2	X2	X2	X2	X2
	13	X2	X2	X2	X2	X2	X2	X2	X2
	14	X2	X2	X2	X2	X2	X2	X2	X2
	15	X2	X2	X2	X2	X2	X2	X2	X2
	16	X2	X2	X2	X2	X2	X2	X2	X2
	17	X2	X2	X2	X2	X2	X2	X2	X2
	18	X2	X2	X2	X2	X2	X2	X2	X2
	19	X2	X2	X2	X2	X2	X2	X2	X2
	20	X2	X2	X2	X2	X2	X2	X2	X2
	21	X2	X2	X2	X2	X2	X2	X2	X2
	22	X2	X2	X2	X2	X2	X2	X2	X2
	23	X3	X3	X3	X3	X3	X3	X3	X3
	24	X4	X4	X4	X4	X4	X4	X4	X4
Flag	**25**	F	F	F	F	F	F	F	F
	...	F	F	F	F	F	F	F	F
	104	F	F	F	F	F	F	F	F
Tail	**105**	X5	X5	X5	X5	X5	X5	X5	X5
	106	X5	X5	X5	X5	X5	X5	X5	X5
	107	X6	X6	X6	X6	X6	X6	X6	X6