FIRST 8 BITS OF FRAME									SECOND 8 BITS								THIRD 8 BITS								FOURTH 8 BITS
S	X	X	X	X	X	X	X	X	ID2	ID1	I	I	I	I	I	I	I	I	I	I	I	I	I	I	Security Byte of Da

PRESSURE = 0 TO 63 PSIA
IN 0.5 PSI INCREMENTS

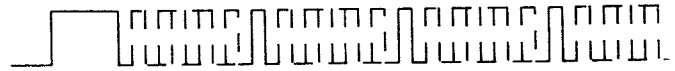
OVER TEMPERATURE ALARM BIT
0 = MODULE TEMP. OK
1 = MODULE TEMP. HIGH, BEYOND CALIBRATION

TIRE POSITION I.D.

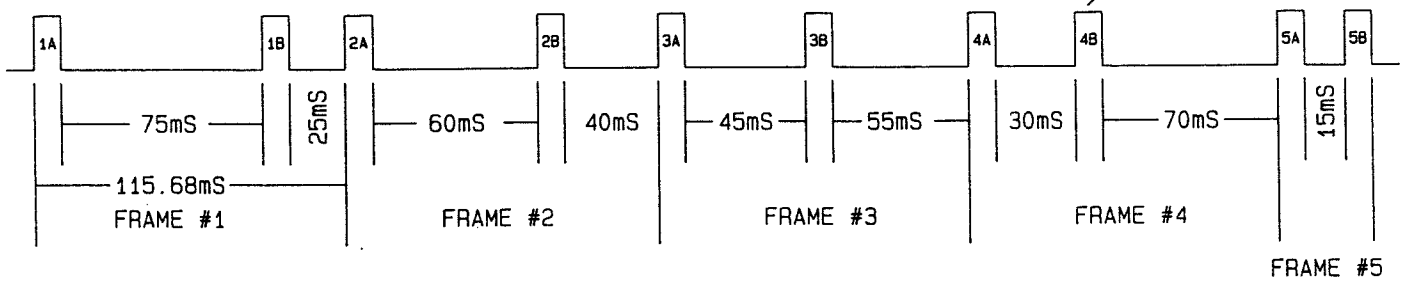
ID2	ID1	TIRE POSITION
0	0	RR
0	1	LR
1	0	LF
1	1	RF

14 BIT BINARY IDENTIFICATION
USER SELECTABLE IDENTIFICATIO

800mS FRAME STARTUP PULSE



TYPICAL R.F. DATA TRANSMISSION STREAM
5 SETS OF DUAL FRAMES, VARIABLE TIMINGS



TYPICAL FRAME OF DATA,
32 VARIABLE DATA BITS
MAX HIGH AT ONE TIME = 24 + 4
DATA BIT WIDTHS = 160uS
TOTAL TIME = 7.84mS
MAX TIME HIGH = 5.28mS
MAX DUTY CYCLE = 67.3%

START BLANK	END BLANK	BLANK CHANGE	TOTAL TIME	MIN XMIT . CYCLE	MAX 100mS DUTY CYLE	MAX 3 METER FIELD STRENGTH 3083uV/M @ 355
75mS	25ms	15mS	493.4mS	14.80	10.56% MAX	29,195uV/M

REV	ECN#	BY	CHK	DATE
02	160uS BITS	CM		10-20-95
01	ORIGIN	CM		10-10-95

COMPANY:
ENGINEER:
WHERE USED/PCB NO.:

APPROVALS	DATE
DRAWN	
CHECKED	

EP
TECHNOLOGI

DRAWING DESCRIPTION:
Pi RESEARCH TMS TX
32 BIT TRANSMISSION DAT

SIZE B
DRAWING NO. PDA
SCALE
SHEET 1