	2024-11-15 13:27:06					Full MTI For							CAN		
						6 7 8 9 1 9 8 7 6 5							11 10 9 8 7 6 5 4 3 2 1 0 17 18 19 20 21 22 23 24 25 26 27 28		
		Reserved		or Datagram		Type within priority		Event ID present  Modifier within  Priority/Type			eddi- bell CAN Frame Format	CAN-MTI or Destination-alias ("Variable Part")	17 10 19 20 21 22 23 24 23 20 27 20	CAN Header	Data-Part
						(decimal)	Sir	Mo Brice		Ę	Format	(hex)	Source-alias	(hex)	{ } = optional
	Number of bits in field:	: 1	1 1	1 1	2	5	1 1	1 2	16	1	1 3	12	12	29	64
	Initialization Complete		0 0			8	0 0	_	0100	1	1 1	100	sss	[19100sss]	Full Source Node ID
Basic	Verify Node ID Number Addressed		0 0			4	0 1	_	0488	+ +	1 1	488	sss		fddd
	Verify Node ID Number Global Verified Node ID Number		0 0		_	11	1 0	_	0490			490 170	SSS	[19490sss]	{Full Source Node ID}
	Optional Interaction Rejected		0 0		_	3	0 1	_	0068	+ +		068	SSS SSS		fddd, error, optional info
	Terminate Due to Error	-	0 0			5	0 1		00A8		_	0A8	SSS		fddd, error, optional info
rotocol	Protocol Support Inquiry	0	0 0	0	) 2	1	0 1	0	0828	1	1 1	828	sss	[19828sss]	fddd
upport	Protocol Support Reply	===	0 0			19	0 1		0668			668	SSS		fddd, Protocol flags
	Identify Consumer		0 0		_	7	1 0		08F4	# 1		8F4	SSS	-	EventID
	Consumer Range Identified Consumer Identified w validity unknown		0 0			5 6	0 0		04A4 04C7	-	-	4A4 4C7	SSS SSS		EventID with mask EventID
	Consumer Identified as currently valid		0 0			6	0 0		04C4			4C4	sss		EventID
	Consumer Identified as currently invalid		0 0			6	0 0		04C5		1 1	4C5	SSS		EventID
	Consumer Identified (reserved)		0 0			6	0 0		04C6			4C6	SSS		EventID
	Identify Producer		0 0			8	1 0		0914			914	SSS		EventID
	Producer Range Identified Producer Identified w validity unknown	-	0 0			9	0 0		0524 0547			524 547	SSS		EventID with mask EventID
Event	Producer Identified w validity unknown  Producer Identified as currently valid		0 0		_	10	0 0		0547			544	SSS SSS		EventiD
change	Producer Identified as currently invalid		0 0		_	10	0 0		0545			545	SSS		EventID
	Producer Identified (reserved)	0	0 0	0 0	) 1	10	0 0	1 2	0546	1	1 1	546	sss	[19546sss]	EventID
	Identify Events Addressed		0 0			11	0 1	_	0968	# # -		968	SSS		fddd
	Identify Events Global		0 0			11	1 0		0970		-	970	SSS	[19970sss]	E
	Learn Event Producer/Consumer Event Report	-	0 0			12 13	1 0		0594 05B4		1 1	594 5B4	SSS SSS	-	EventID EventID
	PCER w Payload 1st	-	0 0	_		24	1 0		05D4		-	F14	SSS		EventID
	PCER w Payload middle	-	0 0	_		24	1 0	1 1	0F15		1 1	F15	sss		EventID
	PCER w Payload last	~	0 0	_		24	1 0		0F16	7 7	1 1	F16	SSS		EventID
action ontrol	Traction Control Command	-	0 0			15	0 1		05EB	-	1 1	5EB	SSS		fddd, data bytes
	Traction Control Reply Simple Train Node Ident Info Request	_	0 0			15 13	0 1	0 1	01E9 0DA8	1 1	1 1 1 1	1E9 DA8	SSS		fddd, data bytes fddd
action Ident	Simple Train Node Ident Info Request	_	0 0	_		14	0 1		09C8	1 1 1	_	9C8	SSS SSS		fddd, data bytes
SNIP	Simple Node Info Request	===	0 0	_		15	0 1		0DE8			DE8	SSS		fddd
SNIP	Simple Node Info Reply		0 0			16	0 1		0A08		1 1	A08	SSS	[19A08sss]	fddd, data bytes
	Datagram	0	0 0	)   1	3	2	0 1	0	1C48		4 0				D ( (0.01 )
	CAN-Datagram Content (one frame)  CAN-Datagram Content (first frame)	+				ű					1 2	ddd	SSS SSS		Data (0-8 bytes)  Data (0-8 bytes)
atagram		e)				u				▋▐╌╢╴	1 4	ddd	SSS		Data (0-8 bytes)
	CAN-Datagram Content (last frame)					ű				1	1 5	ddd	SSS		Data (0-8 bytes)
	Datagram Received OK		0 0	_		17	0 1		0A28	1	1 1	A28	sss	[19A28sss]	fddd
	Datagram Rejected		0 0	_		18	0 1		0A48			A48	SSS		fddd, error code
	Stream Initiate Request		0 0	_		6	0 1		0008		1 1	CC8	SSS	+	fddd, buffer size, srcSII
Stream	Stream Initiate Reply Stream Data Send		0 0	_	3	3 28	0 1		0868 1F88		1 1 1 7	868 ddd	SSS SSS	<u> </u>	fddd, buffer size, srcSll Data (0-8 bytes)
	Stream Data Proceed		0 0	_		4	0 1		0888	1 1 1	1 1	888	sss		fddd, srcSID, dstSID
	Stream Data Complete		0 0	_		5	0 1	0	08A8	1 1 1	1 1	8A8	SSS	+	fddd, srcSID, dstSID, {
Extra	Reserved for MTI Expansion			I	0	0									
	Reserved for MTI Expansion	+			1	0								/	
	Reserved for MTI Expansion  Reserved for MTI Expansion	+			3	0				╂╫╫					
	Neserved for IVITI Expansion				#	0									
I D -4	anners and the best for any such all and	٦ l			Y				7				f = Flore	From	
	agrams need to be fragmented and ed into multiple CAN frames.					<b>A</b>			\			<b>A</b>	<b>f = Flags</b> r r 0 0	Frame Only	
		_							A Rec	value	in these co	lumns means that it is	r r 0 1	First	
	Priority Classes								identi	cal to a	nother valu	e, and should be checked.	r r 1 0	Last	
	Description			Pı	riority								r r 1 1	Middle	
	Initialization; Error handling			+	0								r = Send 0, 0	don't check.	
	Event transfer; Operation responses				1		F	CAN Me	ssage			Variable Bart (bloom)	O surre a libra (hasa)		
	Operation requests; Bulk data transfer res Bulk data transfer requests	spons	ses		3		lī	Title Reserved		1	<b>Type</b> 1 0	Variable Part (binary)  0bxxxx xxxx xxxx	Source-alias (hex)		
	Duik data transfer requests						Ħ	Global		1		Obmmmm mmmm <b>0</b> mmm	SSS		
Descri	ptions						t t	Addresse	ed .	1	_	0bmmmm mmmm 1mmm	SSS		
	Description							Datagram		1	1 2	Obdddd dddd dddd	SSS		
14-15	Reserved							Datagram		1 1	1 3	Obdddd dddd dddd	SSS		
13	Special – Operationally special		-11		4- 6			Datagram		1 1	1 4	Obdddd dddd dddd	SSS		
12 10-11	Stream or Datagram – used by Gateways		idicati	ion f	to fragm	ent.		Datagram		1	1 5 1 6	Obdddd dddd dddd Obxxxx xxxx xxxx	SSS		
5-9	Priority – indicates gross priority of messa  Type within priority	ıy <del>c</del> .						Reserved Stream	1	1		Obdddd dddd dddd	SSS SSS		
4	Simple protocol – (unaddressed) message	es to l	be re	ceiv	ed by 's	imple' nodes.				+	– reserved				
3	Address present – this message has an ad								KE	s, ss	s, ssss sss	ss ssss – source alias			
2	Event present – this message has an eve	ent#.							'\L	d, do	dd, dddd dd	ldd dddd – destination alias			
0-1	Modifier within modifier type – message sp											xx xxxx – undefinied field			