is is for	reference only, and the definitive of 2013-01-26 00:36	def	initi	ons	are	e in t	the Standard Full MTI Fo									CAN				2013-01-26
							6 7 8 9 1	0 11				28	27 2	26 25 24	23 22 21 20 19 18 17 16 15 14 13 12	2 11 10 9 8 7 6 5	4 3 2 1 0			
				13	12 1		9 8 7 6					0	1	2 3 4	5 6 7 8 9 10 11 12 13 14 15 16	3 17 18 19 20 21 22 23	24 25 26 27 28			
		Reserved	Reserved		Stream or Datagram	Priority	Type within priority (decimal)	Simple Protocol	Address present	Modifier within Priority/Type	Full MTI (Hex	<u>.</u>	Frame-type	CAN Frame Type	CAN-MTI or Destination-alias ("Variable Part") (hex)	Source-a	ılias	o	CAN Header (hex)	Data-Part {}= optional
	Number of bits in field:		1	1	1	2	5	1	1 1	2	16	1	1	3	12	12			29	64
	Initialization Complete	0	0	0	0	0	8	0	0 0		0100	1	1	1	100	SSS			[19100sss]	Full Source Node ID
	Verify Node ID Number Addressed		0	-		1	4		1 0		0488		1	1	488	SSS		_	[19488sss]	fddd
Basic	Verify Node ID Number Global		0	-		1	4		0 0		0490		-	1	490	SSS			[19490sss]	
Dasic	Verified Node ID Number		0	-		0	11		0 0		0170		_	1	170	SSS		_	[19170sss]	{Full Source Node ID}
	Optional Interaction Rejected Terminate Due to Error	_	0	-		0	3 5		1 0 1 0		0068 00A8		_	1	068 0A8	SSS		_	[19068sss] [190A8sss]	fddd, error, optional info fddd, error, optional info
rotocol	Protocol Support Inquiry	==	0	_	_	2	1	$\Rightarrow$	1 0		0828	= =	_	1	828	SSS		_	[190A0sss] [19828sss]	fddd
upport	Protocol Support Reply	_	0	-	_	1	19	$\rightarrow$	1 0		0668		$\rightarrow$	1	668	SSS		-	[19668sss]	fddd, Protocol flags
	Identify Consumer	==	0	-	_	2	7	1	_		08F4	= =	1	1	8F4	SSS			[198F4sss]	EventID
	Consumer Identify Range		0			1	5	-	0 1		04A	_	_	1	4A4	SSS		_	[194A4sss]	EventID with mask
	Consumer Identified w validity unknown		0			1	6			3	04C		_	1	4C7	SSS		-	[194C7sss]	EventID
	Consumer Identified as currently valid Consumer Identified as currently invalid		0	-	-	1	6	0			04C	_		1	4C4 4C5	SSS		-	[194C4sss] [194C5sss]	EventID EventID
	Consumer Identified (reserved)		0	-	-	1	6		0 1		04C	_	_	1	4C5 4C6	SSS		-	[194C5sss] [194C6sss]	EventID
	Identify Producer	-	0	-	-	2	8	-	0 1		0914	_	-	1	914	SSS		-	[19914sss]	EventID
Event	Producer Identify Range	-	0	_		1	9	0	0 1		0524	1	1	1	524	SSS			[19524sss]	EventID with mask
change	Producer Identified w validity unknown		0		-	1	10	_	0 1		0547	_		1	547	SSS		_	[19547sss]	EventID
	Producer Identified as currently valid		0	_	_	1	10		0 1		0544	_	$\overline{}$	1	544	SSS		_	[19544sss]	EventID
	Producer Identified as currently invalid Producer Identified (reserved)		0		_	1	10		0 1	1 2	0549 0549	_	-	1	545 546	SSS			[19545sss]	EventID EventID
	Identify Events Addressed	_	0	-		2	11		1 0		0968		-	1	968	SSS		_	[19546sss] [19968sss]	fddd
	Identify Events Global	_	0	-		2	11	1			0970		-	1	970	SSS			[19970sss]	1000
	Learn Event	_	0	_	_	1	12	1			0594		-	1	594	SSS			[19594sss]	EventID
	Producer/Consumer Event Report	==	0	<del>i i</del>		1	13	_	0 1	_	05B4		_	1	5B4	SSS		-	[195B4sss]	EventID
	Xpressnet	==	0	-	_		1	$\rightarrow$	0 0		0820	= =	. 1	1	820	SSS		_		Xpressnet packet
emote Button	Remote Button Request Remote Button Reply		0				10			0	0948		1	1 1	948 949	SSS		_	[19948sss] [19949sss]	fddd, data bytes fddd, data bytes
Jutton	Simple Node Ident Info Request	==	0	-			15		1 0		0948	= =		1		SSS			[19949sss] [19DE8sss]	fddd
ldent	Simple Node Ident Info Reply		0			2	16		1 0		0A0	_	1	1	A08	SSS		_	[19A08sss]	fddd, data bytes
	Datagram		0			3	2		1 0		1C4					'				,
	CAN-Datagram Content (one frame)						"			_		1	1	2	ddd	SSS			[1Adddsss]	Data (0-8 bytes)
	CAN-Datagram Content (first frame)						"					1	1	3	ddd	SSS		_	[1Bdddsss]	Data (0-8 bytes)
atagram	→ CAN-Datagram Content (middle frame	=					"					$\frac{1}{4}$	1	4	ddd	SSS		_	[1Cdddsss]	Data (0-8 bytes)
	CAN-Datagram Content (last frame)  Datagram Received OK	0	0	٥	οΙ	2	17	0	1 0		0A2	1		5	ddd A28	SSS			[1Ddddsss] [19A28sss]	Data (0-8 bytes)
	Datagram Rejected	_	0	_	_	2	18	$\rightarrow$	1 0		0A4	_	-	1	A48	SSS			[19A20333] [19A48sss]	fddd, error code
	Stream Initiate Request		0			3	6		1 0		0CC	= =	1	1	CC8	SSS			[19CC8sss]	fddd, buffer size, srcSID
	Stream Initiate Reply		0			2	3		1 0		0868		1	1	868	SSS			[19868sss]	fddd, buffer size, srcSID
Stream	Stream Data Send	⊣⊢—	0	-	_	3	28		1 0		1F88			7	ddd	SSS			[1Fdddsss]	Data (0-8 bytes)
	Stream Data Proceed	-	0	-	_	2	4		1 0		0888	_		1	888	SSS		-	[19888sss]	fddd, srcSID, dstSID
Extra	Stream Data Complete  Node number Allocate		0	-	0	0	5	_	1 0 0 0		08A		_	4	8A8 <del>000</del>	SSS		_	[198A8sss] [19000sss]	fddd srcSID, dstSID, { ler
LXII	No Filtering	_	0	-	0	0	1		0 0		2020	$\rightarrow$		1	<del>020</del>	999		_	[19000333] [19020333] /	(Still under discussion)
	Reserved for MTI Expansion					0	0													
	Reserved for MTI Expansion					1	0													
	Reserved for MTI Expansion	+	_		1	2	0				1	4								
	Reserved for MTI Expansion					3	0				Ш									
	1	, T	_									<b>V</b>							<u> </u>	╗
neral Data	agrams need to be fragmented and ed into multiple CAN frames.					<b>—</b>	- <b>i</b>					\				4	f = Flags		Frame	_
agmente	ed into multiple CAN frames.				×	<b>7</b>	Γ				A Re	<b>l</b> d value	in t	hese coli	imns means that it is	<b>9</b>	r r 0 0 r r 0 1		Only First	-
	Priority Classes						\								, and should be checked.	/	r r 1 0	-	Last	-
	Description			I	Prio	rity	1 <i> </i>									/	r r 1 1		Middle	
	Initialization; Error handling					0	j /										r = Send 0,	don'	t check.	
	Event transfer; Operation responses					1	1 /				essage							<b>1</b>		
	Operation requests; Bulk data transfer res	spo	nses	5		2	-		<u> </u>	itle			R	Type	Variable Part (binary)	Source-alia	s (hex)			
	Bulk data transfer requests					3	J 7		- ⊩-	Reserve Blobal	u	1	·	0	0bxxxx xxxx xxxx 0bmmmm mmmm <b>0</b> mmm	SSS		1		
Descrip	otions								- ⊩	ddresse	ed	1	-	1	Obmmmm mmmm <b>1</b> mmm	SSS		1		
	Description	ription rved					- ⊩-	atagrar		1		2	Obdddd dddd dddd	SSS		1				
	Reserved							atagrar		1	<u> </u>	3	Obdddd dddd dddd	sss		1				
	Special – Operationally special						- 1		n Middle	e 1	1	4	Obdddd dddd dddd	SSS		1				
		or Datagram – used by Gateways as indication to fragment.							atagrar		1		5	Obdddd dddd dddd	SSS					
	Priority – indicates gross priority of messa	ige.								Reserve	d	1			Obxxxx xxxx xxxx	SSS		-		
	Type within priority Simple protocol – (unaddressed) message	2C 4	0 h-	ross	sive-	1 6.7	simple! padas		S	tream		1 r F		7	Obdddd dddd dddd	SSS		]		
4	Address present – this message has an ad			rece	iveC	u uy S	milpie noues.							eserved ssss ssss	ssss – source alias					
3	AUDIESS DIESEM – IMC MECCAME Mac am a										KE	v 10, 5	٠٠٠, ١							
2	Event present – this message has an eve										NE.	1			ld dddd – destination alias					

OpenLCB MTI Definitions
This is for reference only, and the definitive definitions are in the Standards 2013-01-26 00:37

li li		neral			AN	
		Full MTI (Hex)	Data		CAN Header (hex)	Data-Part { } = optional
	Number of bits in field:	16	many		29	64
	Initialization Complete	0100	Source	Initialization Complete	[19100sss]	Full Source Node ID
	Verify Node ID Number Addressed		Destination, Source	Verify Node ID Number Addressed	[19488sss]	fddd
	Verify Node ID Number Global		Source	Verify Node ID Number Global	[19490sss]	lada
Basic	Verified Node ID Number	0170	Source	Verified Node ID Number	[19170sss]	{Full Source Node ID}
	Optional Interaction Rejected	0068		Optional Interaction Rejected	[19068sss]	fddd, error, optional info
	Terminate Due to Error		Destination, Source, error, optional	. ,	[190A8sss]	fddd, error, optional info
Protocol	Protocol Support Inquiry		Destination, Source	Protocol Support Inquiry	[19828sss]	fddd
	Protocol Support Reply		·	Protocol Support Reply	[19668sss]	fddd, Protocol flags
	Identify Consumer		EventID, Source	Identify Consumer	[198F4sss]	EventID
	Consumer Identify Range	04A4	EventID with Mask, Source	Consumer Identify Range	[194A4sss]	EventID with mask
	Consumer Identified w validity unknown	04C7	EventID, Source	Consumer Identified w validity unknown	[194C7sss]	EventID
	Consumer Identified as currently valid	04C4	EventID, Source	Consumer Identified as currently valid	[194C4sss]	EventID
	Consumer Identified as currently invalid	04C5	EventID, Source	Consumer Identified as currently invalid	[194C5sss]	EventID
	Consumer Identified (reserved)	04C6	EventID, Source	Consumer Identified (reserved)	[194C6sss]	EventID
	Identify Producer	0914	EventID, Source	Identify Producer	[19914sss]	EventID
Event	Producer Identify Range	0524	EventID with Mask, Source	Producer Identify Range	[19524sss]	EventID with mask
Exchange	Producer Identified w validity unknown	0547	EventID, Source	Producer Identified w validity unknown	[19547sss]	EventID
	Producer Identified as currently valid	0544	EventID, Source	Producer Identified as currently valid	[19544sss]	EventID
	Producer Identified as currently invalid	0545	EventID, Source	Producer Identified as currently invalid	[19545sss]	EventID
	Producer Identified (reserved)	0546	EventID, Source	Producer Identified (reserved)	[19546sss]	EventID
	Identify Events Addressed	0968	Destination, Source	Identify Events Addressed	[19968sss]	fddd
	Identify Events Global	0970	Source	Identify Events Global	[19970sss]	
	Learn Event	0594	EventID, Source	Learn Event	[19594sss]	EventID
	Producer/Consumer Event Report		EventID, Source	Producer/Consumer Event Report	[195B4sss]	EventID
Other	Xpressnet	0820	Source, Xpressnet packet	Xpressnet	[19820sss]	Xpressnet packet
Ident	Simple Node Ident Info Request	0DE8	Destination, Source	Simple Node Ident Info Request	[19DE8sss]	fddd
ident	Simple Node Ident Info Reply	80A0	Destination, Source, Data bytes	Simple Node Ident Info Reply	[19A08sss]	fddd, data bytes
				CAN-Datagram Content (one frame)	[1Adddsss]	Data (0-8 bytes)
	Datagram Content		Destination, Source, Data bytes	CAN-Datagram Content (first frame)	[1Bdddsss]	Data (0-8 bytes)
Datagram	Datagram Content	1040	Destination, Source, Data bytes	CAN-Datagram Content (middle frame	[1Cdddsss]	Data (0-8 bytes)
Jalagrain				CAN-Datagram Content (last frame)	[1Ddddsss]	Data (0-8 bytes)
	Datagram Received OK	0A28	Destination, Source	Datagram Received OK	[19A28sss]	fddd
	Datagram Rejected	0A48	Destination, Source, Error code	Datagram Rejected	[19A48sss]	fddd, error code
	Stream Initiate Request	0CC8	Destination, Source, Buffer size	Stream Initiate Request	[19CC8sss]	fddd, buffer size, srcSID
	Stream Initiate Reply	0868	Destination, Source, Buffer size	Stream Initiate Reply	[19868sss]	fddd, buffer size, srcSID
Stream	Stream Data Send	1F88	Destination, Source, Data bytes	Stream Data Send	[1Fdddsss]	Data (0-8 bytes)
	Stream Data Proceed	0888	Destination, Source, ID	Stream Data Proceed	[19888sss]	fddd, srcSID, dstSID
	Stream Data Complete	08A8	Destination, Source, ID, {len}	Stream Data Complete	[198A8sss]	fddd, srcSID, dstSID, { lei
Extra	Node number Allocate	2000	Source			