		U		2   3	)   4   3	6 7 8 9 1	UIIIII	Z   I	3   14   13							
		15	14	13 1	2 11 10	9 8 7 6 5	5 4 3	3 2	2 1 0		0	1 2 3 4	23 22 21 20 19 18 17 16 15 14 13 12 5 6 7 8 9 10 11 12 13 14 15 16	6     17     18     19     20     21     22     23     24     25     26     27     28		
		eserved	eserved	Special Stream or Datagram	Priority	Type within priority	Simple Protocol	daress present	Modifier within Priority/Type	Full MTI	Priority	CAN Frame	CAN-MTI or Destination-alias ("Variable Part")		CAN Header	Data-Part
		1 Re		<u>ທ່າ</u> 1 1		(decimal) 5	1	<b>∢</b> ú 1 1		( <b>Hex</b> )	1		(hex) 12	Source-alias 12	(hex) 29	<b>{ } = optional</b> 64
Į	·		_	0 0	_	8	0			0100	1		100	SSS	[19100sss]	Full Source Node ID
-	•			0 0		4 4	0			0488	1		488 490	SSS	[19488sss] [19490sss]	fddd
3asıc ⊢	·	0		0 0		11	1 (			0490	1		170	SSS	[19490sss]	{Full Source Node ID}
		0	_	0 0	_	3		1 (		0068	1		068	SSS	[19068sss]	fddd, error, optional in
		0	_	0 0	_	5	0	1 (		00A8 0828	1		0A8 828	SSS	[190A8sss] [19828sss]	fddd, error, optional int
H			_	0 0		19		1 (		0668	1		668	SSS	[19668sss]	fddd, Protocol flags
_	·	-	_	0 0	_	7	1 (			08F4	1		8F4	SSS	[198F4sss]	EventID
	ÿ	-	_	0 0	_	5	0 0			04A4 04C7	1		4A4 4C7	SSS	[194A4sss] [194C7sss]	EventID with mask EventID
F	·	-	_	0 0	_	6	0 (			04C4	1		4C4	SSS	[194C4sss]	EventID
	ŗ	0		0 0		6	0 (			04C5	11 11	_	4C5	SSS	[194C5sss]	EventID
-	,	0		0 0		6 8	0 (	-		04C6 0914	1		4C6 914	SSS	[194C6sss]	EventID EventID
Event F	,	0		0 0		9	0 (	0 1		0524	1	1 1	524	SSS	[19524sss]	EventID with mask
H-	•	-	_	0 0		10	0 (	-		0547	1		547	SSS	[19547sss]	EventID
H-	-		_	0 0		10	0 0	_		0544 0545	1		544 545	SSS	[19544sss] [19545sss]	EventID EventID
-	Producer Identified (reserved)	0	0	0 0		10	0 (	0 1	2	0546	1		546	SSS	[19546sss]	EventID
-	•	0		0 0		11	0	_		0968	1		968	SSS	[19968sss]	fddd
-	,	0		0 0		11		0 C		0970 0594	1		970 594	SSS	[19970sss] [19594sss]	EventID
<del>-</del>	Producer/Consumer Event Report	0	0	0 0	) 1	13	1 (	0 1		05B4	1		5B4	SSS	[195B4sss]	EventID
<u> </u>		-	_	0 0	_	15		1 (		05EA	-		5EA	SSS	[195EAsss]	fddd, data bytes
	·	-	_	0 0	_	15 15		1 ( 1 (		01EA 05E8	1		1EA 5E8	SSS	[191EAsss] [195E8sss]	fddd, data bytes fddd, data bytes
	Traction Proxy Reply	0	0	0 0	0	15	0	1 (	0	01E8	1		1E8	SSS	[191E8sss]	fddd, data bytes
			_	0 0		1	0 (	_		0820	1		820	SSS	[19820sss]	Xpressnet packet
<b>.</b> =	·		_	0 0		10	0	_		0948	1		948 949	SSS	[19948sss] [19949sss]	fddd, data bytes fddd, data bytes
raction		=		0 0		13	0	1 (	)	0DA8	1	1 1	DA8	SSS		fddd
T T			_	0 0		14	0			09C8	1		9C8	SSS	[199C8sss]	fddd, data bytes
ae iaent 🗕	· · · · · · · · · · · · · · · · · · ·		_	0 0	_	15 16	0	1 ( 1 (		0DE8 0A08	1	_	DE8 A08	SSS		fddd fddd, data bytes
	Datagram				3	2	0	1 (	)	1C48		_				
	CAN-Datagram Content (one frame)  CAN-Datagram Content (first frame)					ű					1		ddd ddd	SSS	[1Adddsss]	Data (0-8 bytes)  Data (0-8 bytes)
atagram	CAN-Datagram Content (middle frame)					и					1		ddd	SSS	[1Cdddsss]	Data (0-8 bytes)
	CAN-Datagram Content (last frame)					"	1.1	.			1	1 5	ddd	SSS	[1Ddddsss]	Data (0-8 bytes)
_		-	_	0 0	_	17 18	0			0A28 0A48	1		A28 A48	SSS	[19A28sss] [19A48sss]	fddd fddd, error code
1			=	0 0		6		1 (		0CC8			CC8	SSS	[19CC8sss]	fddd, buffer size, srcSl
	- ' '	0	-	0 0	_	3	-	1 (		0868	1	·	868	SSS	[19868sss]	fddd, buffer size, srcSII
-		0	_	0 1 0 0		28	-	1 ( 1 (		1F88 0888	1	1 7	ddd 888	SSS	[1Fdddsss] [19888sss]	Data (0-8 bytes) fddd, srcSID, dstSID
-		0		0 0		5		1 (		08A8	1	1 1	8A8	SSS		fddd, srcSID, dstSID, {
				1 0		0	0 (			2000		_	000	SSS		not carried on CAN
	No Filtering  Reserved for MTI Expansion	0	0	1 0	0 0	0	0 0	0   0	)	2020	1 -	<del>1   1</del>	020	SSS	[19020sss] /	(Still under discussion)
	Reserved for MTI Expansion				1	0										
	Reserved for MTI Expansion			+	2	0										
	Reserved for MTI Expansion				3	0										
	grams need to be fragmented and									7				f = Flags	Frame	1
	d into multiple CAN frames.				1	<b>1</b>								r r 0 0		
4	Original Cinggo									III.			umns means that it is e, and should be checked.	r r 0 1	First	_
	Priority Classes  Description			Р	riority	1 /								r r 1 0	Last Middle	-
i i	Initialization; Error handling				0									r = Send 0,	don't check.	
I	Event transfer; Operation responses 1						-	CAN Mess					Verteble Best (blue en )	One and a live throat	1	
II-	Operation requests; Bulk data transfer responses 2 Bulk data transfer requests 3							⊩	itle Reserved		1	<b>Type</b> 1 0	Variable Part (binary)  0bxxxx xxxx xxxx	Source-alias (hex)		
	·				-			- ⊩	Blobal		1	1 1	0bmmmm mmmm <b>0</b> mmm	SSS		
Descript								- ⊩	ddresse		1		Obmmmm mmmm 1mmm	SSS		
ull-MTI bit Description  14-15 Reserved					- ⊪	Datagram Datagram		1	·   -	Obdddd dddd dddd Obdddd dddd dddd	SSS					
	Special – Operationally special							- ⊪	Datagram		1		Obdddd dddd dddd	SSS		
	Stream or Datagram – used by Gateways a		dica	ation	to fragn	nent.		- 11-	Datagram		1	·	Obdddd dddd dddd	SSS		
	Priority – indicates gross priority of messag  Type within priority	je.						- ⊩	Reserved Stream		1		Obxxxx xxxx xxxx Obdddd dddd dddd	SSS		
J J J I '	· · · · ·								ucaili		<del>+++</del>	/	J Johanna adad adad	333	Ŀ	
	Simple protocol – (unaddressed) messages	s to	be r	ecei	ved by 's	simple' nodes.					r, R	<ul><li>reserved</li></ul>				

OpenLCB MTI Definitions
This is for reference only, and the definitive definitions are in the Standards
03/07/14 07:30 AM

	Ger	neral		CAN				
		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		
D ! .	Verify Node ID Number Addressed	0488	Destination, Source	Verify Node ID Number Addressed	[19488sss]	fddd		
	Verify Node ID Number Global	0490	Source	Verify Node ID Number Global	[19490sss]			
Basic	Verified Node ID Number	0170	Source	Verified Node ID Number	[19170sss]	{Full Source Node ID}		
	Optional Interaction Rejected	0068	Destination, Source, error, optional	Optional Interaction Rejected	[19068sss]	fddd, error, optional info		
	Terminate Due to Error	00A8	Destination, Source, error, optional	Terminate Due to Error	[190A8sss]	fddd, error, optional info		
Protocol	Protocol Support Inquiry	0828	Destination, Source	Protocol Support Inquiry	[19828sss]	fddd		
Support	Protocol Support Reply	0668	Destination, Source, Protocol flags	Protocol Support Reply	[19668sss]	fddd, Protocol flags		
	Identify Consumer	08F4	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	05B4	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	0A08	Destination, Source, Data bytes	Simple Node Ident Info Reply	[19A08sss]	fddd, data bytes		
				CAN-Datagram Content (one frame)	[1Adddsss]	Data (0-8 bytes)		
	Datagram Contont		Destination, Source, Data bytes	CAN-Datagram Content (first frame)	[1Bdddsss]	Data (0-8 bytes)		
Dotogram	Datagram Content	1046	Destination, Source, Data bytes	CAN-Datagram Content (middle frame	[1Cdddsss]	Data (0-8 bytes)		
Datagram				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, { len		
Extra	Node number Allocate	2000	Source					
EXITA	No Filtering	2020	Source					