OpenLCB	MII Definitions																21/07/2012 01
Full MTI Format 0 1 2 3 4 5 6 7 8 9 10 11 1										CAN 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0							
		15	14 1	3 12	2 11 10	9 8 7 6 5	5 4	3 2	2 1 0		0	1 2	2 3 4	5 6 7 8 9 10 11 12 13 14 15 16	17 18 19 20 21 22 23 24 25 26 27 28		
				5	•												
				Datagram	5		_	Ħ									
				1			rotocol	present	<u> </u>								
							육	ě š	를 월			о l					
		g	g	5	5		Z	o b	{ ≷ }}			Š		Variable Part			
		₹	<u>ت</u> ا <u>ځ</u>	<u> </u>	: ≥	Type within	<u>o</u>	Se #	₹ <u>ë</u> ₹	Full	<u>₹</u>	F	CAN	CAN-MTI or		CAN	
		Reserved	Reserved	9 6	Priority	priority	립	Address present	Modifier within Priority/Type	MTI	Priority		Frame	Destination-alias		Header	Data-Part
		옵니	ଅଧ ଧ	허	<u> </u>	(decimal)	Sil	A 5	길종급	(Hex)	Pi	ᇤ	Type	(hex)	Source-alias	(hex)	{ } = optional
	Number of bits in field			1 1	2	5	1			16	1	1	3	12	12	29	
												_					
Basic	Node number Allocate	0	0	1 0	0	0	0	0 0)	2000	4	4	4	000	\$\$\$	19000sss	not carried on CAN
	No Filtering	0	0	1 0	0	1	0	0 0)	2020	4	1	4	020	999	19020sss	(Still under discussion)
	Initialization Complete	0				8		0 0		0100	1		1	100	SSS	19100sss	Full Source Node ID
	Verify Node ID Number (addressed)	0	_	_		4		1 0		0488	1		1	488		19488sss	fddd
															SSS		lada
	Verify Node ID Number	0				4		0 0		0490	1		1	490	SSS	19490sss	
	Verified Node ID Number	0	_	_		11		0 0		0170	1	_	1	170	SSS	19170sss	Full Source Node ID
	Optional Interaction Rejected	0	0	0 0	0	3	0	1 0)	0068	1	1	1	068	SSS	19068sss	fddd, error, optional info
	Terminate Due to Error	0	0 (0 0	0	5	0	1 0)	00A8	1	1	1	0A8	SSS	190A8sss	fddd, error, optional info
Protocol	Protocol Support Inquiry	0	_	=		1	\Rightarrow	1 0		0828	1	_	1	828	SSS	19828sss	fddd
Support	Protocol Support Reply	0	_	_		19	\rightarrow	1 0		0668	1	-	1	668		19668sss	fddd, Protocol flags
Cupport		===	_	_	_	<u> </u>				=		\rightarrow	<u>'</u>		SSS	_	
	Identify Consumer	0	_	_		7		0 1		08F4	1		1	8F4	SSS	198F4sss	EventID
	Consumer Identify Range	0				5		0 1		04A4	1		1	4A4	SSS	194A4sss	EventID with mask
	Consumer Identified w validity unknown	0	0	0 0	1	6	0	0 1	3	04C7	1	1	1	4C7	sss	194C7sss	EventID
	Consumer Identified as currently valid	0	0	0 0	1	6	0	0 1	0	04C4	1	1	1	4C4	SSS	194C4sss	EventID
	Consumer Identified as currently invalid	0				6		0 1		04C5	1	_	1	4C5		194C5sss	EventID
	-												•		SSS		
	Consumer Identified (reserved)	0				6		0 1		04C6	1		1	4C6	SSS	194C6sss	EventID
	Identify Producer	0				8		0 1		0914	1		1	914	SSS	19914sss	EventID
Event	Producer Identify Range	0	0	o c	1	9	0	0 1		0524	1	1	1	524	sss	19524sss	EventID with mask
Exchange	Producer Identified w validity unknown	0	0 (0 0	1	10	0	0 1	3	0547	1	1	1	547	SSS	19547sss	EventID
	Producer Identified as currently valid	0				10	0	_		0544	1	-	1	544	SSS	19544sss	EventID
	· · · · · · · · · · · · · · · · · · ·	0					0			0545	1			545		19545sss	EventID
	Producer Identified as currently invalid					10	\rightarrow				l	-	1		SSS		
	Producer Identified (reserved)	0	_	_		10	0	_	2	0546	1	_	1	546	SSS	19546sss	EventID
	Identify Events	0	0 (0 0	2	11	0	1 0)	0968	1	1	1	968	SSS	19968sss	fddd
	Identify Events	0	0	0 0	2	11	1	0 0)	0970	1	1	1	970	SSS	19970sss	
	Learn Event	0	_	_	_	12		0 1		0594	1		1	594	SSS	19594sss	EventID
	Producer/Consumer Event Report	0				13		0 1		05B4	1	_	1	5B4	SSS	195B4sss	EventID
041		===	_			1							1				
Other	Xpressnet	0				14		0 0		09C0			1	900	SSS	199C0sss	Xpressnet packet
Ident	Simple Node Ident Info Request	0				15		1 0		0DE8			1	DE8	SSS	19DE8sss	fddd
Ident	Simple Node Ident Info Reply	0	0	o c	2	16	0	1 0)	0A08	1	1	1	A08	SSS	19A08sss	fddd, data bytes
	Datagram Content (one frame)	0	0 (0 1	3	2	0	1 0)	1C48	1	1	2	ddd	SSS	1Adddsss	Data (0-8 bytes)
	Datagram Content (first frame)	0	_	_		2		1 0		1C48	1		3	ddd	SSS	1Bdddsss	Data (0-8 bytes)
	Datagram Content (middle frame)	0	_	_	3	2	-	1 0		10.10	1	_	4	ddd		1Cdddsss	Data (0-8 bytes)
Datagram	, ,				_		-	-		1040	l II——		· ·		SSS		<u> </u>
	Datagram Content (last frame)	0	_	_	3	2		1 0		1C48	1		5	ddd	SSS	1Ddddsss	Data (0-8 bytes)
	Datagram Received OK	0	0	0 0	2	17	0	1 0)	0A28	1	1	1	A28	SSS	19A28sss	fddd
	Datagram Rejected	0	0	0 0	2	18	0	1 0		0A48	1	1	1	A48	SSS	19A48sss	fddd, error code
	Stream Initiate Request	0				6		1 0		0CC8	1	1	1	CC8	SSS	19CC8sss	fddd, buffer size, srcSID
Stream	Stream Initiate Reply	0				3		1 0		0868	1		1	868		19868sss	fddd, buffer size, srcSID
												_	•		SSS		
	Stream Data Send	0				28		1 0		1F88	1		7	ddd	SSS	1Fdddsss	Data (0-8 bytes)
	Stream Data Proceed	0				4		1 0		0888	1		1	888	SSS	19888sss	fddd, srcSID, dstSID
	Stream Data Complete	0	0	0 0	2	5	0	1 0		08A8	1	1	1	8A8	SSS	198A8sss	(fddd,)srcSID, dstSID, { len }
	·																
	f=Flags r r 0 0														<u> </u>		
														f = Flags	Frame		
														Only			
	Y				Dodm	nana thia			idontical	to another line	r r 0 1	-					
	<u> </u>			Red III	eans this	value	e is i	identicai	to another line.		First	_					
•		Priority Classes												I	r r 1 0	Last	_
	Description	P	riority	<u> </u>								•	r r 1 1	Middle			
	Initialization; Error handling		0											, ,			
	Event transfer; Operation responses	∥ I		C	AN Mes	sage T	ypes	<u> </u>									
													Time	Variable Dort	Cauras alias		
	Operation requests; Bulk data transfer responses 2								Title				Туре	Variable Part	Source-alias		
	Bulk data transfer requests 3											1	0	0bxxxx xxxx xxxx	SSS		
									Global			1	1	0bmmmm mmmm 0mmm	SSS		
Bit Descriptions								` A	ddressed	d	1	1	1	0bmmmm mmmm 1mmm	SSS		
	Full-MTI bit Description								Datagram Only			1	2	Obdddd dddd dddd	SSS		
14-15							==			_							
								- ⊩	atagram		1	_	3	Obdddd dddd dddd	SSS		
13 Special – Operationally special									Datagram Middle			1	4	Obdddd dddd dddd	SSS		
12 Stream or Datagram – used by Gateways as indication to fragment.									atagram	Last	1	_	5	Obdddd dddd dddd	SSS		
10-11 Priority – indicates gross priority of message.								F	Reserved		1	1	6	Obxxxx xxxx xxxx	sss		
									Stream		1	_	7	Obdddd dddd dddd	SSS		
5-9	Type within priority	5-9 Type within priority															

Simple protocol – (unaddressed) messages to be received by 'simple' nodes.

Address present – this message has an address.

Event present – this message has an event#.

O-1 Modifier within modifier type – message specific extra information