

23/07/12 18:59		Full MTI Format																CAN																																								
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			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	13	12	11	10	9	8	7	6	5	4	3	2	1	0			0	1	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										
		Reserved	Reserved	Special	Stream or Datagram		Priority		Type within priority (decimal)				Simple Protocol		Address present		Event# present		Modifier within Priority/Type		Full MTI (Hex)		Priority	Frame-type	CAN Frame Type	CAN-MTI or Destination-alias ("Variable Part") (hex)												Source-alias												CAN Header (hex)		Data-Part { } = optional						
	Number of bits in field:	1	1	1	1	2	5				1	1	1	2	16		1	1	3	12												12												29		64												
Basic	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	0	0	0	1	4				0	1	0		0488		1	1	1	488												sss												19488sss		fddd												
	Verify Node ID Number Global	0	0	0	0	1	4				1	0	0		0490		1	1	1	490												sss												19490sss														
	Verified Node ID Number	0	0	0	0	0	11				1	0	0		0170		1	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 Support	Protocol Support Inquiry	0	0	0	0	2	1				0	1	0		0828		1	1	1	828												sss												19828sss		fddd												
	Protocol Support Reply	0	0	0	0	1	19				0	1	0		0668		1	1	1	668												sss												19668sss		fddd, Protocol flags												
Event Exchange	Identify Consumer	0	0	0	0	2	7				1	0	1		08F4		1	1	1	8F4												sss												198F4sss		EventID												
	Consumer Identify Range	0	0	0	0	1	5				0	0	1		04A4		1	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	0	0	0	1	6				0	0	1	1	04C5		1	1	1	4C5												sss												194C5sss		EventID												
	Consumer Identified (reserved)	0	0	0	0	1	6				0	0	1	2	04C6		1	1	1	4C6												sss												194C6sss		EventID												
	Identify Producer	0	0	0	0	2	8				1	0	1		0914		1	1	1	914												sss												19914sss		EventID												
	Producer Identify Range	0	0	0	0	1	9				0	0	1		0524		1	1	1	524												sss												19524sss		EventID with mask												
	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	0	0	0	1	10				0	0	1	0	0544		1	1	1	544												sss												19544sss		EventID												
	Producer Identified as currently invalid	0	0	0	0	1	10				0	0	1	1	0545		1	1	1	545												sss												19545sss		EventID												
	Producer Identified (reserved)	0	0	0	0	1	10				0	0	1	2	0546		1	1	1	546												sss												19546sss		EventID												
	Identify Events Addressed	0	0	0	0	2	11				0	1	0		0968		1	1	1	968												sss												19968sss		fddd												
	Identify Events Global	0	0	0	0	2	11				1	0	0		0970		1	1	1	970												sss												19970sss														
	Learn Event	0	0	0	0	1	12				1	0	1		0594		1	1	1	594												sss												19594sss		EventID												
Producer/Consumer Event Report	0	0	0	0	1	13				1	0	1		05B4		1	1	1	5B4												sss												195B4sss		EventID													
Other	Xpressnet	0	0	0	0	2	14				0	0	0		09C0		1	1	1	9C0												sss												199C0sss		Xpressnet packet												
Ident	Simple Node Ident Info Request	0	0	0	0	3	15				0	1	0		0DE8		1	1	1	DE8												sss												19DE8sss		fddd												
	Simple Node Ident Info Reply	0	0	0	0	2	16				0	1	0		0A08		1	1	1	A08												sss												19A08sss		fddd, data bytes												
Datagram	Datagram	0	0	0	1	3	2				0	1	0		1C48																																											
	→ 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)	
	→ CAN-Datagram Content (middle frame)	"																										1	1	4	ddd												sss												1Cdddsss		Data (0-8 bytes)	
	→ CAN-Datagram Content (last frame)	"																										1	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	Stream Initiate Request	0	0	0	0	3	6				0	1	0		0CC8		1	1	1	CC8												sss												19CC8sss		fddd, buffer size, srcSID												
	Stream Initiate Reply	0	0	0	0	2	3				0	1	0		0868		1	1	1	868												sss												19868sss		fddd, buffer size, srcSID												
	Stream Data Send	0	0	0	1	3	28				0	1	0		1F88		1	1	7	ddd												sss												1Fdddsss		Data (0-8 bytes)												
	Stream Data Proceed	0	0	0	0	2	4				0	1	0		0888		1	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 }												
Extra	Node number Allocate	0	0	1	0	0	0				0	0	0		2000		1	1	1	000												sss												19000sss		not carried on CAN												
	No Filtering	0	0	1	0	0	1				0	0	0		2020		1	1	1	020												sss												19020sss		(Still under discussion)												

	General			CAN		
		Full MTI (Hex)	Data		CAN Header (hex)	Data-Part { } = optional
	Number of bits in field:	16	many		29	64
Basic	Initialization Complete	0100	Source	Initialization Complete	19100sss	Full Source Node ID
	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	
	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 Support	Protocol Support Inquiry	0828	Destination, Source	Protocol Support Inquiry	19828sss	fddd
	Protocol Support Reply	0668	Destination, Source, Protocol flags	Protocol Support Reply	19668sss	fddd, Protocol flags
Event Exchange	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
	Producer Identify Range	0524	EventID with Mask, Source	Producer Identify Range	19524sss	EventID with mask
	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	09C0	Source, Xpressnet packet	Xpressnet	199C0sss	Xpressnet packet
Ident	Simple Node Ident Info Request	0DE8	Destination, Source	Simple Node Ident Info Request	19DE8sss	fddd
	Simple Node Ident Info Reply	0A08	Destination, Source, Data bytes	Simple Node Ident Info Reply	19A08sss	fddd, data bytes
Datagram	Datagram Content	1C48	Destination, Source, Data bytes	CAN-Datagram Content (one frame)	1Adddsss	Data (0-8 bytes)
				CAN-Datagram Content (first frame)	1Bdddsss	Data (0-8 bytes)
				CAN-Datagram Content (middle frame)	1Cdddsss	Data (0-8 bytes)
				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	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 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			
	No Filtering	2020	Source			