

23/07/12 23:40		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												[1Addsss]				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		