Name	Full 16 Bit MTI calculation								CAN Calculation									
								Complete Value									CAN MTI	CAN Content
																	This goes in OpenLCB CAN frame Variable Field Logical OR this with 0x18000 to get top 17 bits of CAN header ddd' refers to destination address	
	DID? Y/N/C	EID? Y/N/F	CAN Flags?	Simple Node Ms	Priority Group	Type	DID/EID/Flags		Format	Type Byte	Flag bit A 0 default	Flag bit B 1 default	Flag bit C 0 default	Flag bit D 1 default				
					(2 bits)	(4 bits)	(3 bits)	16 bits hex	3 bits	8 bits hex	1 bit	1 bit	1 bit	1 bit			15 bits hex	
Base Messages																		
Initialization Complete	N	N				0	8	0 3080	1	08							108F	Full Source Node ID
Verify Node ID Number	Y	N		Y		0	10	4 30A4	6	dest NIDa							6ddd	MTI byte 0x0A
Verify Node ID Number	N	N		Y		0	10	0 30A0	0	0A							00AF	
Verified Node ID Number	N	N				0	11	0 30B0	1	0B							10BF	Full Source Node ID
Protocol Support Inquiry	Y	N		Y		1	14	4 32E4	6	dest NIDa							6ddd	MTI byte 0x2E
Protocol Support Reply	Y	N		Y		1	15	4 32F4	6	dest NIDa							6ddd	MTI byte 0x2F, protocol flags
Optional Interaction Rejected	Y	N				0	12	4 30C4	6	dest NIDa							6ddd	MTI byte 0x0C, MTI, error, optional information
Terminate Due to Error	Y	N				0	13	4 30D4	6	dest NIDa							6ddd	MTI byte 0x0D, MTI, error, optional information
Event Exchange Messages																		
Identify Consumers	N	Y		Y		1	4	2 3242	0	24							024F	EventID (no room for DestID!)
Consumer Identify Range	N	Y				1	5	2 3252	1	25							125F	EventID w mask (no room for DestID!)
Consumer Identified	N	Y	Y			1	6	3 3263	1	26	1	1	valid	uncertain			126F	EventID (no room for DestID!)
Identify Producers	N	Y		Y		1	8	2 3282	0	28							028F	EventID (no room for DestID!)
Producer Identify Range	N	Y				1	9	2 3292	1	29							129F	EventID w mask (no room for DestID!)
Producer Identified	N	Y	Y			1	10	3 32A3	1	2A	1	1	valid	uncertain			12AF	EventID (no room for DestID!)
Identify Events	Y	N		Y		1	11	4 32B4	6	dest NIDa							6ddd	MTI byte 0x2B
Identify Events	N	N		Y		1	11	0 32B0	0	2B							02BF	
Learn Event	N	Y		Y		1	12	2 32C2	0	2C							02CF	EventID
Producer/Consumer Event Report	N	Y		Y		1	13	2 32D2	0	2D							02DF	EventID
Datagram Messages																		
Datagram (General)	Y	N		Y		2	0	4 3404	4,5	dest NIDa							4/5ddd	Data (0-8 bytes)
Datagram Received OK	Y	N		Y		2	12	4 34C4	6	dest NIDa							6ddd	MTI byte
Datagram Rejected	Y	N		Y		2	13	4 34D4	6	dest NIDa							6ddd	MTI byte, error code
Stream Messages																		
Stream Initiate Request	Y	N				2	14	4 34E4	6	dest NIDa							6ddd	MTI byte, buffer size (2 bytes), Source Stream ID (1 byte), reserved byte, flags (tagged=0x80)
Stream Initiate Reply	Y	N				2	15	4 34F4	6	dest NIDa							6ddd	MTI byte 0x4B,buffer size (2 bytes), Source Stream ID (1 byte), Dest Stream ID, flags (tagged=0x80; error info)
Stream Data Send	Y	N				3	9	4 3694	7	dest NIDa							7ddd	(stream IDs inferred on CAN); 8 bytes data
Stream Data Proceed	Y	N				3	10	4 36A4	6	dest NIDa							7ddd	MTI byte, Stream IDs (2 bytes)
Stream Data Complete	Y	N				3	11	4 36B4	6	dest NIDa							7ddd	MTI byte, Stream IDs (2 bytes); optional length (4 bytes)

0 gets more priority

coding
1=carries EID
2=carries DID

0=simple MTI
1=complex MTI

d=dest NIDa
f=flags

Full value must be checked!

4=DestID datagram
5=DestID datagram last segment
6=DestID non-Stream
7=DestID stream data

If flags not specified, send and check 1 bits

Places these appear in code:

prototypes/Arduino/libraries/OpenLCB/OpenLcbCan.h
prototypes/CBUS-PIC/canlib/frametypes.c