This spreadsheet is obsolete. Please see the one in http://openlcb.org/trunk/specs instead

Name	Full 16 Bit MTI calculation								CAN Calculation						CAN MTI	CAN Content
								Complete Value								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/C	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