	Base Data for MTI							Ethernet MTI	CAN MTI	CAN Data	
	Destination ID	Event ID	CAN flags in header?	Simple node message	Priority Group	Type	Priority/Type		Top 17 bits of CAN header, ddd refers to destination address.	Goes at start of CAN data, if present	
Bits	1	1	1	1	2	5	8 hex	16 bits hex	17 bits hex	8 hex	
Base Messages											
Node number Allocate					0	0	00	3000			Not available on CAN
No Filtering					0	1	01	3010	19017		
Initialization Complete					0	8	08	3080	19087		Full Source Node ID
Verify Node ID Number	Y				0	10	0A	30A4	1Eddd	0A	
Verify Node ID Number				Y	0	10	0A	10A0	180A7		
Verified Node ID Number					0	11	0B	30B0	190B7		Full Source Node ID
Optional Interaction Rejected	Y				0	12	0C	30C4	1Eddd	0C	MTI, error, optional information
Terminate Due to Error	Y				0	13	0D	30D4	1Eddd	0D	MTI, error, optional information
Protocol Support Messages											
Protocol Support Inquiry	Y			Y	1	14	2E	12E4	1Eddd	2E	
Protocol Support Reply	Y			Y	1	15	2F	12F4	1Eddd	2F	Protocol flags
Event Exchange Messages											
Identify Consumer		Y		Y	1	4	24	1242	1824F		EventID (no room for DestID!)
Consumer Identify Range		Y			1	5	25	3252	1925F		EventID w mask (no room for DestID!)
Consumer Identified		Y	Y		1	6	26	3263	1926B		EventID (no room for DestID!)
Identify Producer		Y		Y	1	8	28	1282	1828F		EventID (no room for DestID!)
Producer Identify Range		Y			1	9	29	3292	1929F		EventID w mask (no room for DestID!)
Producer Identified		Y	Y		1	10	2A	32A3	192AB		EventID (no room for DestID!)
Identify Events	Y				1	11	2B	32B4	1Eddd	2B	
Identify Events				Y	1	11	2B	12B0	182B7		
Learn Event		Y		Y	1	12	2C	12C2	182CF		EventID
Producer/Consumer Event Report		Y		Y	1	13	2D	12D2	182DF		EventID
Other Messages											
Xpressnet					2	17	51	3510	19517		Xpressnet packet
Datagram Messages											
Datagram (General)	Y				2	0	40	3404	1 B/C/D/E ddd		Data (0-8 bytes)
Datagram Received OK	Y				2	12	4C	34C4	1Eddd	4C	MTI byte
Datagram Rejected	Y				2	13	4D	34D4	1Eddd	4D	MTI byte, error code
Stream Messages											
Stream Initiate Request	Y				2	14	4E	34E4	1Eddd	4E	MTI byte, buffer size (2 bytes), Source Stream ID (1 byte), reserved byte, flags (tagged=0x80)
Stream Initiate Reply	Y				2	15	4F	34F4	1Eddd	4F	MTI byte 0x4B,buffer size (2 bytes), Source Stream ID (1 byte), Dest Stream ID, flags (tagged=0x80; error info)
Stream Data Send	Y				3	9	69	3694	1Fddd		(stream IDs inferred on CAN); 8 bytes data
Stream Data Proceed	Y				3	10	6A	36A4	1Eddd	6A	MTI byte, Stream IDs (2 bytes)
Stream Data Complete	Y				3	11	6B	36B4	1Eddd	6B	MTI byte, Stream IDs (2 bytes); optional length (4 bytes)
			Y means carries flags in CAN header		0 gets more priority						

Places these appear in code:

prototypes/C/libraries/OlcbTestCAN/obj/test
prototypes/C/libraries/OlcbCommonCAN/OpenLcbCan.h
prototypes/C/libraries/OpenLCB/OLCB_CAN_Buffer.cpp

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

prototypes/ObjectiveC/OpenLcbLib/OlcbMtiDefinitions.h
prototypes/ObjectiveC/OpenLcbLib/OlcbTestDefinitions.h
prototypes/ObjectiveC/OpenLcbLib/MtiReformat.c

prototypes/java/src/org/openlcb/can/MessageBuilder.java