

# MERGLCB Magic Numbers

This is a temporary document awaiting a web portal to retain and allocate numbers through a request/review process

Magic numbers are constants which must be consistent between services or modules.

Numbers that are constants only within a single service are not considered 'magic'.

It is anticipated that these numbers will be available as header/include files.

## Opcodes

These are specified in the opcode specification

## Services

See RQSD Opcode

1	MNS
2	NV
3	CAN
4	CBUS Event Teaching
5	Event Producer
6	Event Consumer
7	New Event Teaching
8	
9	EventAck
10	Boot
11	Boot2
12	FastClock
13	DCC_CAB
14	DCC_CMD
15	CANBridge
16	SLiM
17	LongMsg

# Modes

See MODE opcode

0	Setup Mode
1	Normal Mode
2	Learn Mode
3	Event Ack mode
4	CBUS Bootloader mode
5	MERGLCB bootloader mode
6	BOOT2 bootloader mode
7	NOHEARTB mode

# Module Error State

See HEARTB opcode and Heartbeat event and UI display

0	No Error, normal operation