MANUFACTURERS ASSOCIATION

AMEI Association of Musical Electronics Industry

MMA Technical Standards Board/ AMEI MIDI Committee

Confirmation of Approval for MIDI Standard

Mobile Phone Control Universal Real Time System Exclusive Message (CA-030)

Originated by: ☑ MMA ☐ AMEI Reference MMA Item #: 194 TSBB #: 31

Issue Date: Feb 7 2007 MMA Approval Date: Nov 30 2006 Last Revised: ____

Related item(s): Specification for Mobile Phone Control (RP-046)

Agreed to by MMA: _____ (Signature) PRESIDENT (Title) 7/10/2007 (Date)

Agreed to by AMEI: _____ (Signature) CHAIRMAN (Title) 7/10/2007 (Date)

Source: MMA Mobile Working Group; Beatnik

Abstract:

This message defines an extensible framework for controlling all non-musical capabilities in mobile phone-oriented player devices, including vibrators and LEDs. See the "Specification for Mobile Phone Control (RP-046)" document for background and more details.

[UNIVERSAL REALTIME SYSTEM EXCLUSIVE]

```
F0 7F <phone ID> 0C 00 dd ii cc { xx } ... { xx } F7
```

F0 7F	Universal Real Time SysEx header
<phone ID>	ID of target device (7F = all devices)
0C	Sub-ID#1 = Mobile Phone Control Message
00	Sub-ID#2 = always 00
dd	DeviceClassID per section 2.2 of RP-046
ii	DeviceIndex per section 2.3 of RP-046
cc	CommandID per section 2.4 of RP-046
xx	Zero or more data bytes, depending on the value of cc (see section 2.4 of RP-046)
F7	EOX

Publication Plan:

Since the Universal System Exclusive message could be used in many different contexts (including SMF, XMF, or live MIDI message stream), it should be published on www.midi.org with other MIDI 1.0 Specification enhancements, and should be incorporated into any future update of the MIDI 1.0 Specification document.