

# Exhibit AK

# QSI MATERIALS INCORPORATED INTO JMRI SOFTWARE

QSI Published Manual  
 dated 16 February 2005, page 108  
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Jacobsen  
 Court Doc 237-31, Exhibit AD, page 15  
 October 2008

## 5.8.7 CV 56.255 Play Build Information (PI = 255)

Default Value:

CV 56.255: Play Build Information Register

Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
0	0	0	0	0	0	D1	D0

- Information from this CV is delivered as audio verbal output and is restricted to Operations Mode.
- Write data to CV 56 as follows:

<sup>115</sup> This CV is not in BLI Hudson software ho300a02.

Quantum DCC Reference Manual v.3.0

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```
<!-- CV 56.255 Play Build Information (for ops mode) -->
<ivariable label="Play Product Identifier"
opsOnly="yes" writeOnly="yes" infoOnly="yes"
comment="QSI" item="CV56.255_0" default="0">
<indexedVal/> </ivariable>
```

"0" Play Product Identifier you will hear the Product Identification number (e.g. "300" or "400"). This notifies the type of engine and the sounds programmed into the software.