

Exhibit O

QSI MATERIALS INCORPORATED INTO JMRI SOFTWARE

QSI Published Manual
 dated 16 February 2005, page 161
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ID	Type	States	ID	States
0	Null Output	All	102	All
1	Whistle	All	103	All
3	Bell	All	104	All
5	Dynamic Brakes	All	105	All
8	Blower Hiss/Diesel Cooling Fans	All	107	All
9	Long Air Let-off	All	108	All
10	Short Air Let-off	All	109	All
12	Pop-off	All	110	All
13	Blow Down	All	111	All
14	Injector	All	144	All
64	Mute	All	145	All
65	Doppler Shift	All	176	All
96	Directional Headlight	All	178	All
97	Directional Reverse Light	All	177	All
98	Headlight	All	211	All
99	Dim Headlight	All	215	All
100	Reverse Light	All	216	All
101	Automatic Cab Lights	All	217	All

```

- Neutral Only" CVName="53.5.1" CV="53" PI="5" SI="1"
ment="QSI" item="CV53.5.1">
  voice="Dynamic Brakes" value="5"/>
  voice="Long Air Let-off" value="9"/>
  voice="Short Air Let-off"/>
    
```

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```

voice="Mute" value="64"/>
voice="Headlight" value="98"/>
voice="Dim Headlight"/>
voice="Reverse Light"/>
voice="Automatic Cab Lights"/>
voice="Directional Mars Light"/>
voice="Mars Light"/>
voice="Strobe Mars Light"/>
voice="Number Board Lights"/>
voice="Directional Headlight + Directional Mars Light" value="178"/>
voice="Directional Headlight + Directional Ditch Lights"/>
voice="Ditch Lights"/>
voice="Strobe Ditch Lights"/>
voice="Start Up" value="144"/>
voice="Shut Down"/>
voice="Scale mph Report and Status Report" value="176"/>
voice="Coupler Effect" value="211"/>
voice="Pumps" value="217"/>
    
```

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