

# Jacobsen Declaration

## Exhibit AE

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<?xml version="1.0" encoding="utf-8"?>
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www.w3.org/2001/XMLSchema-instance">
  <DATE_CREATED />
  <DATE_MODIFIED>20050616</DATE_MODIFIED>
  <templateList>
    <DECODER_TEMPLATE LANGUAGE="English">
      <TPL_VERSION>1</TPL_VERSION>
      <DECODER_VERSION>3</DECODER_VERSION>
      <DECODER_HIGH_VERSION>6</DECODER_HIGH_VERSION>
      <MANUFACTURER_ID>113</MANUFACTURER_ID>
      <MFG>QS Industries (QSI)</MFG>
      <NAME>BLI GG-1 - QSI Electric</NAME>
      <PROG_MODES DIRECT="YES" PAGED="YES" REGISTER="YES" OPS="YES" />
      <RESET PRESENT="1" CV="8" VAL="8" />
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        <FMAP CV="33" DEFVAL="1" MASK="255" FNAME="Fwd light" />
        <FMAP CV="34" DEFVAL="2" MASK="255" FNAME="Rev light" />
        <FMAP CV="35" DEFVAL="4" MASK="255" FNAME="F1" />
        <FMAP CV="36" DEFVAL="8" MASK="255" FNAME="F2" />
        <FMAP CV="37" DEFVAL="16" MASK="2040" FNAME="F3" />
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        <FMAP CV="42" DEFVAL="512" MASK="2040" FNAME="F8" />
        <FMAP CV="43" DEFVAL="1024" MASK="16320" FNAME="F9" />
        <FMAP CV="44" DEFVAL="2048" MASK="16320" FNAME="F10" />
        <FMAP CV="45" DEFVAL="4096" MASK="16320" FNAME="F11" />
        <FMAP CV="46" DEFVAL="8192" MASK="16320" FNAME="F12" />
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          <DEFAULT>3</DEFAULT>
          <MIN>0</MIN>
          <MAX>255</MAX>
          <NAME>Primary Address</NAME>
          <BITS BITS_DEFINED="NO" />
          <BIT_DEFINITION>
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            <BIT_1 />
            <BIT_2 />
            <BIT_3 />
            <BIT_4 />
            <BIT_5 />
            <BIT_6 />
            <BIT_7 />
          </BIT_DEFINITION>
          <DATE_MODIFIED />
          <BitMask />
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        </CV>
        <CV INDEX="2">
          <DEFAULT>32</DEFAULT>

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<MIN>0</MIN>
<MAX>255</MAX>
<NAME>Vstart</NAME>
<BITS BITS_DEFINED="NO" />
<BIT_DEFINITION>
  <BIT_0 />
  <BIT_1 />
  <BIT_2 />
  <BIT_3 />
  <BIT_4 />
  <BIT_5 />
  <BIT_6 />
  <BIT_7 />
</BIT_DEFINITION>
<DATE_MODIFIED />
<BitMask />
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</CV>
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  <MIN>0</MIN>
  <MAX>31</MAX>
  <NAME>Acceleration Rate</NAME>
  <BITS BITS_DEFINED="NO" />
  <BIT_DEFINITION>
    <BIT_0 />
    <BIT_1 />
    <BIT_2 />
    <BIT_3 />
    <BIT_4 />
    <BIT_5 />
    <BIT_6 />
    <BIT_7 />
  </BIT_DEFINITION>
  <DATE_MODIFIED />
  <BitMask />
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<CV INDEX="4">
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  <MIN>0</MIN>
  <MAX>31</MAX>
  <NAME>Deceleration Rate</NAME>
  <BITS BITS_DEFINED="NO" />
  <BIT_DEFINITION>
    <BIT_0 />
    <BIT_1 />
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    <BIT_4 />
    <BIT_5 />
    <BIT_6 />
    <BIT_7 />
  </BIT_DEFINITION>

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    <DATE_MODIFIED />
    <BitMask />
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</CV>
<CV INDEX="5">
  <DEFAULT>1</DEFAULT>
  <MIN>1</MIN>
  <MAX>255</MAX>
  <NAME>Max Volts</NAME>
  <BITS BITS_DEFINED="NO" />
  <BIT_DEFINITION>
    <BIT_0 />
    <BIT_1 />
    <BIT_2 />
    <BIT_3 />
    <BIT_4 />
    <BIT_5 />
    <BIT_6 />
    <BIT_7 />
  </BIT_DEFINITION>
  <DATE_MODIFIED />
  <BitMask />
  <stringList />
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<CV INDEX="7">
  <DEFAULT>3</DEFAULT>
  <MIN>0</MIN>
  <MAX>255</MAX>
  <NAME>Manufacturer Version No</NAME>
  <BITS BITS_DEFINED="NO" />
  <BIT_DEFINITION>
    <BIT_0 />
    <BIT_1 />
    <BIT_2 />
    <BIT_3 />
    <BIT_4 />
    <BIT_5 />
    <BIT_6 />
    <BIT_7 />
  </BIT_DEFINITION>
  <DATE_MODIFIED />
  <BitMask />
  <stringList />
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<CV INDEX="8">
  <DEFAULT>113</DEFAULT>
  <MIN>0</MIN>
  <MAX>255</MAX>
  <NAME>Manufacturer ID</NAME>
  <BITS BITS_DEFINED="NO" />
  <BIT_DEFINITION>
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    <BIT_1 />
    <BIT_2 />

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        <BIT_3 />
        <BIT_4 />
        <BIT_5 />
        <BIT_6 />
        <BIT_7 />
    </BIT_DEFINITION>
    <DATE_MODIFIED />
    <BitMask />
    <stringList />
</CV>
<CV INDEX="11">
    <DEFAULT>3</DEFAULT>
    <MIN>0</MIN>
    <MAX>255</MAX>
    <NAME>Packet Time-out Value</NAME>
    <BITS BITS_DEFINED="NO" />
    <BIT_DEFINITION>
        <BIT_0 />
        <BIT_1 />
        <BIT_2 />
        <BIT_3 />
        <BIT_4 />
        <BIT_5 />
        <BIT_6 />
        <BIT_7 />
    </BIT_DEFINITION>
    <DATE_MODIFIED />
    <BitMask />
    <stringList />
</CV>
<CV INDEX="17">
    <DEFAULT>3</DEFAULT>
    <MIN>0</MIN>
    <MAX>255</MAX>
    <NAME>Extended Address</NAME>
    <BITS BITS_DEFINED="NO" />
    <BIT_DEFINITION>
        <BIT_0 />
        <BIT_1 />
        <BIT_2 />
        <BIT_3 />
        <BIT_4 />
        <BIT_5 />
        <BIT_6 />
        <BIT_7 />
    </BIT_DEFINITION>
    <DATE_MODIFIED />
    <BitMask />
    <stringList />
</CV>
<CV INDEX="19">
    <DEFAULT>3</DEFAULT>
    <MIN>0</MIN>
    <MAX>255</MAX>

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<NAME>Consist Address</NAME>
<BITS BITS_DEFINED="YES" />
<BIT_DEFINITION>
  <BIT_0 />
  <BIT_1 />
  <BIT_2 />
  <BIT_3 />
  <BIT_4 />
  <BIT_5 />
  <BIT_6 />
  <BIT_7>Consist Direction Reversed</BIT_7>
</BIT_DEFINITION>
<DATE_MODIFIED />
<BitMask>01111111</BitMask>
<stringList />
</CV>
<CV INDEX="21">
  <DEFAULT>3</DEFAULT>
  <MIN>0</MIN>
  <MAX>255</MAX>
  <NAME>Consist Address Active For F1</NAME>
  <BITS BITS_DEFINED="YES" />
  <BIT_DEFINITION>
    <BIT_0>Consist Address Active For F1 Respond to Consist Address</
BIT_0>
    <BIT_1>Consist Address Active For F2 Respond to Consist Address</
BIT_1>
    <BIT_2>Consist Address Active For F3 Respond to Consist Address</
BIT_2>
    <BIT_3>Consist Address Active For F4 Respond to Consist Address</
BIT_3>
    <BIT_4>Consist Address Active For F5 Respond to Consist Address</
BIT_4>
    <BIT_5>Consist Address Active For F6 Respond to Consist Address</
BIT_5>
    <BIT_6>Consist Address Active For F7 Respond to Consist Address</
BIT_6>
    <BIT_7>Consist Address Active For F8 Respond to Consist Address</
BIT_7>
  </BIT_DEFINITION>
  <DATE_MODIFIED />
  <BitMask>00000001</BitMask>
  <stringList />
</CV>
<CV INDEX="22">
  <DEFAULT>3</DEFAULT>
  <MIN>0</MIN>
  <MAX>255</MAX>
  <NAME>Consist Address Active For FL in Forward</NAME>
  <BITS BITS_DEFINED="YES" />
  <BIT_DEFINITION>
    <BIT_0>Consist Address Active For FL in Forward Respond to
Consist Address</BIT_0>
    <BIT_1>Consist Address Active For FL in Reverse Respond to

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Consist Address</BIT_1>
    <BIT_2>Consist Address Active For F9 Respond to Consist Address</
BIT_2>
    <BIT_3>Consist Address Active For F10 Respond to Consist
Address</BIT_3>
    <BIT_4>Consist Address Active For F11 Respond to Consist
Address</BIT_4>
    <BIT_5>Consist Address Active For F12 Respond to Consist
Address</BIT_5>
    <BIT_6 />
    <BIT_7 />
</BIT_DEFINITION>
<DATE_MODIFIED />
<BitMask>00000001</BitMask>
<stringList />
</CV>
<CV INDEX="23">
    <DEFAULT>3</DEFAULT>
    <MIN>0</MIN>
    <MAX>127</MAX>
    <NAME>Consist Acceleration Adjustment</NAME>
    <BITS BITS_DEFINED="YES" />
    <BIT_DEFINITION>
        <BIT_0 />
        <BIT_1 />
        <BIT_2 />
        <BIT_3 />
        <BIT_4 />
        <BIT_5 />
        <BIT_6 />
        <BIT_7>Consist Acceleration Adjustment Sign Adjustment
Subtracted</BIT_7>
    </BIT_DEFINITION>
    <DATE_MODIFIED />
    <BitMask>01111111</BitMask>
    <stringList />
</CV>
<CV INDEX="24">
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    <MIN>0</MIN>
    <MAX>127</MAX>
    <NAME>Consist Deceleration Adjustment</NAME>
    <BITS BITS_DEFINED="YES" />
    <BIT_DEFINITION>
        <BIT_0 />
        <BIT_1 />
        <BIT_2 />
        <BIT_3 />
        <BIT_4 />
        <BIT_5 />
        <BIT_6 />
        <BIT_7>Consist Deceleration Adjustment Sign Adjustment
Subtracted</BIT_7>
    </BIT_DEFINITION>

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    <stringList />
  </CV>
  <CV INDEX="25">
    <DEFAULT>2</DEFAULT>
    <MIN>0</MIN>
    <MAX>255</MAX>
    <NAME>Quantum Speed Table</NAME>
    <BITS BITS_DEFINED="NO" />
    <BIT_DEFINITION>
      <BIT_0 />
      <BIT_1 />
      <BIT_2 />
      <BIT_3 />
      <BIT_4 />
      <BIT_5 />
      <BIT_6 />
      <BIT_7 />
    </BIT_DEFINITION>
    <DATE_MODIFIED />
    <BitMask />
    <stringList>
      <BitName>User Defined Speed Table</BitName>
      <BitName>Linear Curve</BitName>
      <BitName>Fast start 1 (close to linear)</BitName>
      <BitName>Fast start 2</BitName>
      <BitName>Fast start 3</BitName>
      <BitName>Fast start 4</BitName>
      <BitName>Fast start 5 (greatest curvature)</BitName>
      <BitName>Slow start 1 (close to linear)</BitName>
      <BitName>Slow start 2</BitName>
      <BitName>Slow start 3</BitName>
      <BitName>Slow start 4</BitName>
      <BitName>Slow start 5 (greatest curavture</BitName>
    </stringList>
  </CV>
  <CV INDEX="29">
    <DEFAULT>3</DEFAULT>
    <MIN>0</MIN>
    <MAX>255</MAX>
    <NAME>Locomotive Direction</NAME>
    <BITS BITS_DEFINED="YES" />
    <BIT_DEFINITION>
      <BIT_0>Locomotive Direction reversed</BIT_0>
      <BIT_1>FL Location 28/128 speed step format</BIT_1>
      <BIT_2>Power Source Conversion DC conversion enabled</BIT_2>
      <BIT_3 />
      <BIT_4>Speed Table Definition Use QSI table or User table in CVs
67 through 94</BIT_4>
      <BIT_5>Address Format Two byte (extended) address</BIT_5>
      <BIT_6 />
      <BIT_7 />
    </BIT_DEFINITION>

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    <DATE_MODIFIED />
    <BitMask>00000001</BitMask>
    <stringList />
  </CV>
  <CV INDEX="33">
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    <MIN>0</MIN>
    <MAX>255</MAX>
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    <BITS BITS_DEFINED="YES" />
    <BIT_DEFINITION>
      <BIT_0>FL(f) controls output 1 Yes</BIT_0>
      <BIT_1>FL(f) controls output 2 Yes</BIT_1>
      <BIT_2>FL(f) controls output 3 Yes</BIT_2>
      <BIT_3>FL(f) controls output 4 Yes</BIT_3>
      <BIT_4>FL(f) controls output 5 Yes</BIT_4>
      <BIT_5>FL(f) controls output 6 Yes</BIT_5>
      <BIT_6>FL(f) controls output 7 Yes</BIT_6>
      <BIT_7>FL(f) controls output 8 Yes</BIT_7>
    </BIT_DEFINITION>
    <DATE_MODIFIED />
    <BitMask>00000001</BitMask>
    <stringList />
  </CV>
  <CV INDEX="34">
    <DEFAULT>1</DEFAULT>
    <MIN>0</MIN>
    <MAX>255</MAX>
    <NAME>FL(r) controls output 1</NAME>
    <BITS BITS_DEFINED="YES" />
    <BIT_DEFINITION>
      <BIT_0>FL(r) controls output 1 Yes</BIT_0>
      <BIT_1>FL(r) controls output 2 Yes</BIT_1>
      <BIT_2>FL(r) controls output 3 Yes</BIT_2>
      <BIT_3>FL(r) controls output 4 Yes</BIT_3>
      <BIT_4>FL(r) controls output 5 Yes</BIT_4>
      <BIT_5>FL(r) controls output 6 Yes</BIT_5>
      <BIT_6>FL(r) controls output 7 Yes</BIT_6>
      <BIT_7>FL(r) controls output 8 Yes</BIT_7>
    </BIT_DEFINITION>
    <DATE_MODIFIED />
    <BitMask>00000001</BitMask>
    <stringList />
  </CV>
  <CV INDEX="35">
    <DEFAULT>3</DEFAULT>
    <MIN>0</MIN>
    <MAX>255</MAX>
    <NAME>F1 controls output 1</NAME>
    <BITS BITS_DEFINED="YES" />
    <BIT_DEFINITION>
      <BIT_0>F1 controls output 1 Yes</BIT_0>
      <BIT_1>F1 controls output 2 Yes</BIT_1>
      <BIT_2>F1 controls output 3 Yes</BIT_2>

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        <BIT_3>F1 controls output 4 Yes</BIT_3>
        <BIT_4>F1 controls output 5 Yes</BIT_4>
        <BIT_5>F1 controls output 6 Yes</BIT_5>
        <BIT_6>F1 controls output 7 Yes</BIT_6>
        <BIT_7>F1 controls output 8 Yes</BIT_7>
    </BIT_DEFINITION>
    <DATE_MODIFIED />
    <BitMask>00000001</BitMask>
    <stringList />
</CV>
<CV INDEX="36">
    <DEFAULT>3</DEFAULT>
    <MIN>0</MIN>
    <MAX>255</MAX>
    <NAME>F2 controls output 1</NAME>
    <BITS BITS_DEFINED="YES" />
    <BIT_DEFINITION>
        <BIT_0>F2 controls output 1 Yes</BIT_0>
        <BIT_1>F2 controls output 2 Yes</BIT_1>
        <BIT_2>F2 controls output 3 Yes</BIT_2>
        <BIT_3>F2 controls output 4 Yes</BIT_3>
        <BIT_4>F2 controls output 5 Yes</BIT_4>
        <BIT_5>F2 controls output 6 Yes</BIT_5>
        <BIT_6>F2 controls output 7 Yes</BIT_6>
        <BIT_7>F2 controls output 8 Yes</BIT_7>
    </BIT_DEFINITION>
    <DATE_MODIFIED />
    <BitMask>00000001</BitMask>
    <stringList />
</CV>
<CV INDEX="37">
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    <MIN>0</MIN>
    <MAX>255</MAX>
    <NAME>F3 controls output 1</NAME>
    <BITS BITS_DEFINED="YES" />
    <BIT_DEFINITION>
        <BIT_0>F3 controls output 1 Yes</BIT_0>
        <BIT_1>F3 controls output 2 Yes</BIT_1>
        <BIT_2>F3 controls output 3 Yes</BIT_2>
        <BIT_3>F3 controls output 4 Yes</BIT_3>
        <BIT_4>F3 controls output 5 Yes</BIT_4>
        <BIT_5>F3 controls output 6 Yes</BIT_5>
        <BIT_6>F3 controls output 7 Yes</BIT_6>
        <BIT_7>F3 controls output 8 Yes</BIT_7>
    </BIT_DEFINITION>
    <DATE_MODIFIED />
    <BitMask>00000001</BitMask>
    <stringList />
</CV>
<CV INDEX="38">
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    <MIN>0</MIN>
    <MAX>255</MAX>

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<NAME>F4 controls output 4</NAME>
<BITS BITS_DEFINED="YES" />
<BIT_DEFINITION>
  <BIT_0>F4 controls output 4 Yes</BIT_0>
  <BIT_1>F4 controls output 5 Yes</BIT_1>
  <BIT_2>F4 controls output 6 Yes</BIT_2>
  <BIT_3>F4 controls output 7 Yes</BIT_3>
  <BIT_4>F4 controls output 8 Yes</BIT_4>
  <BIT_5>F4 controls output 9 Yes</BIT_5>
  <BIT_6>F4 controls output 10 Yes</BIT_6>
  <BIT_7>F4 controls output 11 Yes</BIT_7>
</BIT_DEFINITION>
<DATE_MODIFIED />
<BitMask>00000001</BitMask>
<stringList />
</CV>
<CV INDEX="39">
  <DEFAULT>3</DEFAULT>
  <MIN>0</MIN>
  <MAX>255</MAX>
  <NAME>F5 controls output 4</NAME>
  <BITS BITS_DEFINED="YES" />
  <BIT_DEFINITION>
    <BIT_0>F5 controls output 4 Yes</BIT_0>
    <BIT_1>F5 controls output 5 Yes</BIT_1>
    <BIT_2>F5 controls output 6 Yes</BIT_2>
    <BIT_3>F5 controls output 7 Yes</BIT_3>
    <BIT_4>F5 controls output 8 Yes</BIT_4>
    <BIT_5>F5 controls output 9 Yes</BIT_5>
    <BIT_6>F5 controls output 10 Yes</BIT_6>
    <BIT_7>F5 controls output 11 Yes</BIT_7>
  </BIT_DEFINITION>
  <DATE_MODIFIED />
  <BitMask>00000001</BitMask>
  <stringList />
</CV>
<CV INDEX="40">
  <DEFAULT>3</DEFAULT>
  <MIN>0</MIN>
  <MAX>255</MAX>
  <NAME>F6 controls output 4</NAME>
  <BITS BITS_DEFINED="YES" />
  <BIT_DEFINITION>
    <BIT_0>F6 controls output 4 Yes</BIT_0>
    <BIT_1>F6 controls output 5 Yes</BIT_1>
    <BIT_2>F6 controls output 6 Yes</BIT_2>
    <BIT_3>F6 controls output 7 Yes</BIT_3>
    <BIT_4>F6 controls output 8 Yes</BIT_4>
    <BIT_5>F6 controls output 9 Yes</BIT_5>
    <BIT_6>F6 controls output 10 Yes</BIT_6>
    <BIT_7>F6 controls output 11 Yes</BIT_7>
  </BIT_DEFINITION>
  <DATE_MODIFIED />
  <BitMask>00000001</BitMask>

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    <stringList />
  </CV>
  <CV INDEX="41">
    <DEFAULT>3</DEFAULT>
    <MIN>0</MIN>
    <MAX>255</MAX>
    <NAME>F7 controls output 4</NAME>
    <BITS BITS_DEFINED="YES" />
    <BIT_DEFINITION>
      <BIT_0>F7 controls output 4 Yes</BIT_0>
      <BIT_1>F7 controls output 5 Yes</BIT_1>
      <BIT_2>F7 controls output 6 Yes</BIT_2>
      <BIT_3>F7 controls output 7 Yes</BIT_3>
      <BIT_4>F7 controls output 8 Yes</BIT_4>
      <BIT_5>F7 controls output 9 Yes</BIT_5>
      <BIT_6>F7 controls output 10 Yes</BIT_6>
      <BIT_7>F7 controls output 11 Yes</BIT_7>
    </BIT_DEFINITION>
    <DATE_MODIFIED />
    <BitMask>00000001</BitMask>
    <stringList />
  </CV>
  <CV INDEX="42">
    <DEFAULT>3</DEFAULT>
    <MIN>0</MIN>
    <MAX>255</MAX>
    <NAME>F8 controls output 4</NAME>
    <BITS BITS_DEFINED="YES" />
    <BIT_DEFINITION>
      <BIT_0>F8 controls output 4 Yes</BIT_0>
      <BIT_1>F8 controls output 5 Yes</BIT_1>
      <BIT_2>F8 controls output 6 Yes</BIT_2>
      <BIT_3>F8 controls output 7 Yes</BIT_3>
      <BIT_4>F8 controls output 8 Yes</BIT_4>
      <BIT_5>F8 controls output 9 Yes</BIT_5>
      <BIT_6>F8 controls output 10 Yes</BIT_6>
      <BIT_7>F8 controls output 11 Yes</BIT_7>
    </BIT_DEFINITION>
    <DATE_MODIFIED />
    <BitMask>00000001</BitMask>
    <stringList />
  </CV>
  <CV INDEX="43">
    <DEFAULT>3</DEFAULT>
    <MIN>0</MIN>
    <MAX>255</MAX>
    <NAME>F9 controls output 7</NAME>
    <BITS BITS_DEFINED="YES" />
    <BIT_DEFINITION>
      <BIT_0>F9 controls output 7 Yes</BIT_0>
      <BIT_1>F9 controls output 8 Yes</BIT_1>
      <BIT_2>F9 controls output 9 Yes</BIT_2>
      <BIT_3>F9 controls output 10 Yes</BIT_3>
      <BIT_4>F9 controls output 11 Yes</BIT_4>

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        <BIT_5>F9 controls output 12 Yes</BIT_5>
        <BIT_6>F9 controls output 13 Yes</BIT_6>
        <BIT_7>F9 controls output 14 Yes</BIT_7>
    </BIT_DEFINITION>
    <DATE_MODIFIED />
    <BitMask>00000001</BitMask>
    <stringList />
</CV>
<CV INDEX="44">
    <DEFAULT>3</DEFAULT>
    <MIN>0</MIN>
    <MAX>255</MAX>
    <NAME>F10 controls output 7</NAME>
    <BITS BITS_DEFINED="YES" />
    <BIT_DEFINITION>
        <BIT_0>F10 controls output 7 Yes</BIT_0>
        <BIT_1>F10 controls output 8 Yes</BIT_1>
        <BIT_2>F10 controls output 9 Yes</BIT_2>
        <BIT_3>F10 controls output 10 Yes</BIT_3>
        <BIT_4>F10 controls output 11 Yes</BIT_4>
        <BIT_5>F10 controls output 12 Yes</BIT_5>
        <BIT_6>F10 controls output 13 Yes</BIT_6>
        <BIT_7>F10 controls output 14 Yes</BIT_7>
    </BIT_DEFINITION>
    <DATE_MODIFIED />
    <BitMask>00000001</BitMask>
    <stringList />
</CV>
<CV INDEX="45">
    <DEFAULT>3</DEFAULT>
    <MIN>0</MIN>
    <MAX>255</MAX>
    <NAME>F11 controls output 7</NAME>
    <BITS BITS_DEFINED="YES" />
    <BIT_DEFINITION>
        <BIT_0>F11 controls output 7 Yes</BIT_0>
        <BIT_1>F11 controls output 8 Yes</BIT_1>
        <BIT_2>F11 controls output 9 Yes</BIT_2>
        <BIT_3>F11 controls output 10 Yes</BIT_3>
        <BIT_4>F11 controls output 11 Yes</BIT_4>
        <BIT_5>F11 controls output 12 Yes</BIT_5>
        <BIT_6>F11 controls output 13 Yes</BIT_6>
        <BIT_7>F11 controls output 14 Yes</BIT_7>
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    <DATE_MODIFIED />
    <BitMask>00000001</BitMask>
    <stringList />
</CV>
<CV INDEX="46">
    <DEFAULT>3</DEFAULT>
    <MIN>0</MIN>
    <MAX>255</MAX>
    <NAME>F12 controls output 7</NAME>
    <BITS BITS_DEFINED="YES" />

```

```

<BIT_DEFINITION>
  <BIT_0>F12 controls output 7 Yes</BIT_0>
  <BIT_1>F12 controls output 8 Yes</BIT_1>
  <BIT_2>F12 controls output 9 Yes</BIT_2>
  <BIT_3>F12 controls output 10 Yes</BIT_3>
  <BIT_4>F12 controls output 11 Yes</BIT_4>
  <BIT_5>F12 controls output 12 Yes</BIT_5>
  <BIT_6>F12 controls output 13 Yes</BIT_6>
  <BIT_7>F12 controls output 14 Yes</BIT_7>
</BIT_DEFINITION>
<DATE_MODIFIED />
<BitMask>00000001</BitMask>
<stringList />
</CV>
<CV INDEX="51">
  <DEFAULT>127</DEFAULT>
  <MIN>0</MIN>
  <MAX>127</MAX>
  <NAME>System Volume</NAME>
  <BITS BITS_DEFINED="YES" />
  <BIT_DEFINITION>
    <BIT_0>Horn Triggered Doppler Yes</BIT_0>
    <BIT_1 />
    <BIT_2 />
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    <BIT_4 />
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    <BitName>Short Air Let-off</BitName>
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    <BitName>Dim Headlight</BitName>
    <BitName>Reverse Light</BitName>
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    <BitName>Strobe Ditch Lights</BitName>
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    <BitName>Scale mph Report and Status Report</BitName>
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    <BitName>Squealing Brakes + Air Brakes</BitName>
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    <BitName>Ditch Lights</BitName>
    <BitName>Strobe Ditch Lights</BitName>
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    <BitName>Shut Down</BitName>
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    <BitName>Ditch Lights</BitName>
    <BitName>Strobe Ditch Lights</BitName>
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    <BitName>Shut Down</BitName>
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```

```

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  <BitName>Dim Headlight</BitName>
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    <BitName>Mute</BitName>

```

```

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BitName>
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    <BitName>Ditch Lights</BitName>
    <BitName>Strobe Ditch Lights</BitName>
    <BitName>Cruise Control</BitName>
    <BitName>Scale mph Report and Status Report</BitName>
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    <BitName>Mute</BitName>
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    <BitName>Dim Headlight</BitName>
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```

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    <BitName>Mars Light</BitName>
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    <BitName>Strobe Ditch Lights</BitName>
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    <BitName>Scale mph Report and Status Report</BitName>
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BitName>
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    <BitName>Ditch Lights</BitName>
    <BitName>Strobe Ditch Lights</BitName>
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    <BitName>Mars Light</BitName>
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    <BitName>Directional Headlight + Directional Ditch Lights</
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    <BitName>Ditch Lights</BitName>
    <BitName>Strobe Ditch Lights</BitName>
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    <BitName>Scale mph Report and Status Report</BitName>
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  <BitName>Ditch Lights</BitName>
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    <BIT_6 />
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```

```

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    <MIN>0</MIN>
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        <BIT_4 />
        <BIT_5 />
        <BIT_6 />
        <BIT_7 />
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    <DATE_MODIFIED />
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        <BIT_6 />
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<CV INDEX="53">

```

```

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  <BIT_6 />
  <BIT_7 />
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    <BIT_4 />
    <BIT_5 />
    <BIT_6 />
    <BIT_7 />
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  <DATE_MODIFIED />
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    <BitName>Long Air Let-off</BitName>
    <BitName>Short Air Let-off</BitName>
    <BitName>Mute</BitName>
    <BitName>Headlight</BitName>
    <BitName>Dim Headlight</BitName>
    <BitName>Reverse Light</BitName>
    <BitName>Automatic Cab Lights</BitName>
    <BitName>Directional Mars Light</BitName>
    <BitName>Mars Light</BitName>
    <BitName>Strobe Mars Light</BitName>
    <BitName>Number Board Lights</BitName>
    <BitName>Directional Headlight + Directional Mars Light</BitName>
    <BitName>Directional Headlight + Directional Ditch Lights</

```

```

BitName>
    <BitName>Directional Ditch Lights</BitName>
    <BitName>Ditch Lights</BitName>
    <BitName>Strobe Ditch Lights</BitName>
    <BitName>Start Up</BitName>
    <BitName>Shut Down</BitName>
    <BitName>Scale mph Report and Status Report</BitName>
    <BitName>Coupler Effect</BitName>
    <BitName>Pumps</BitName>
</stringList>
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        <BIT_6 />
        <BIT_7 />
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    <DATE_MODIFIED />
    <BitMask />
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        <BitName>Long Air Let-off</BitName>
        <BitName>Short Air Let-off</BitName>
        <BitName>Mute</BitName>
        <BitName>Doppler Shift</BitName>
        <BitName>Headlight</BitName>
        <BitName>Dim Headlight</BitName>
        <BitName>Reverse Light</BitName>
        <BitName>Automatic Cab Lights</BitName>
        <BitName>Directional Mars Light</BitName>
        <BitName>Mars Light</BitName>
        <BitName>Strobe Mars Light</BitName>
        <BitName>Number Board Lights</BitName>
        <BitName>Directional Headlight + Directional Mars Light</BitName>
        <BitName>Directional Headlight + Directional Ditch Lights</
BitName>
    <BitName>Directional Ditch Lights</BitName>
    <BitName>Ditch Lights</BitName>
    <BitName>Strobe Ditch Lights</BitName>
    <BitName>Cruise Control</BitName>
    <BitName>Scale mph Report and Status Report</BitName>
    <BitName>Coupler Effect</BitName>
    <BitName>Squealing Brakes</BitName>
    <BitName>Squealing Brakes + Air Brakes</BitName>

```

```

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      <BitName>Mute</BitName>
      <BitName>Headlight</BitName>
      <BitName>Dim Headlight</BitName>
      <BitName>Reverse Light</BitName>
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      <BitName>Directional Mars Light</BitName>
      <BitName>Mars Light</BitName>
      <BitName>Strobe Mars Light</BitName>
      <BitName>Number Board Lights</BitName>
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      <BitName>Directional Headlight + Directional Ditch Lights</
BitName>
      <BitName>Directional Ditch Lights</BitName>
      <BitName>Ditch Lights</BitName>
      <BitName>Strobe Ditch Lights</BitName>
      <BitName>Start Up</BitName>
      <BitName>Shut Down</BitName>
      <BitName>Scale mph Report and Status Report</BitName>
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      <BitName>Pumps</BitName>
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```

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    <BitName>Long Air Let-off</BitName>
    <BitName>Short Air Let-off</BitName>
    <BitName>Mute</BitName>
    <BitName>Doppler Shift</BitName>
    <BitName>Headlight</BitName>
    <BitName>Dim Headlight</BitName>
    <BitName>Reverse Light</BitName>
    <BitName>Automatic Cab Lights</BitName>
    <BitName>Directional Mars Light</BitName>
    <BitName>Mars Light</BitName>
    <BitName>Strobe Mars Light</BitName>
    <BitName>Number Board Lights</BitName>
    <BitName>Directional Headlight + Directional Mars Light</BitName>
    <BitName>Directional Headlight + Directional Ditch Lights</
BitName>
    <BitName>Directional Ditch Lights</BitName>
    <BitName>Ditch Lights</BitName>
    <BitName>Strobe Ditch Lights</BitName>
    <BitName>Cruise Control</BitName>
    <BitName>Scale mph Report and Status Report</BitName>
    <BitName>Coupler Effect</BitName>
    <BitName>Squealing Brakes</BitName>
    <BitName>Squealing Brakes + Air Brakes</BitName>
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    <BIT_3 />
    <BIT_4 />
    <BIT_5 />
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  <DATE_MODIFIED />

```



```

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  <BitName>Mute</BitName>
  <BitName>Headlight</BitName>
  <BitName>Dim Headlight</BitName>
  <BitName>Reverse Light</BitName>
  <BitName>Automatic Cab Lights</BitName>
  <BitName>Directional Mars Light</BitName>
  <BitName>Mars Light</BitName>
  <BitName>Strobe Mars Light</BitName>
  <BitName>Number Board Lights</BitName>
  <BitName>Directional Headlight + Directional Mars Light</BitName>
  <BitName>Directional Headlight + Directional Ditch Lights</
BitName>
  <BitName>Directional Ditch Lights</BitName>
  <BitName>Ditch Lights</BitName>
  <BitName>Strobe Ditch Lights</BitName>
  <BitName>Start Up</BitName>
  <BitName>Shut Down</BitName>
  <BitName>Scale mph Report and Status Report</BitName>
  <BitName>Coupler Effect</BitName>
  <BitName>Pumps</BitName>
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    <BIT_6 />
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    <BitName>Short Air Let-off</BitName>
    <BitName>Mute</BitName>
    <BitName>Doppler Shift</BitName>
    <BitName>Headlight</BitName>
    <BitName>Dim Headlight</BitName>
    <BitName>Reverse Light</BitName>

```

```

    <BitName>Automatic Cab Lights</BitName>
    <BitName>Directional Mars Light</BitName>
    <BitName>Mars Light</BitName>
    <BitName>Strobe Mars Light</BitName>
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    <BitName>Directional Headlight + Directional Mars Light</BitName>
    <BitName>Directional Headlight + Directional Ditch Lights</
BitName>
    <BitName>Directional Ditch Lights</BitName>
    <BitName>Ditch Lights</BitName>
    <BitName>Strobe Ditch Lights</BitName>
    <BitName>Cruise Control</BitName>
    <BitName>Scale mph Report and Status Report</BitName>
    <BitName>Coupler Effect</BitName>
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    <BitName>Squealing Brakes + Air Brakes</BitName>
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    <BIT_5 />
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