### Track Circuit History Card – UM71 Type T2 Track Circuits (for ESR)

**TRACK:**

<table>
<thead>
<tr>
<th>DATE DD/MM/YY</th>
<th>Remarks / Service Schedule</th>
<th>Location ID:</th>
<th>Resonated Impedance Bonds</th>
<th>DPU (For Tracks With Intermediate Receiver Only)</th>
<th>Location ID:</th>
<th>RECEIVER END</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

- **DC Supply:**
  - **DMM (V):**
  - **Tx Output @ Loc terminals (V):**
  - **TU T1/T2 FSM (V):**
  - **Loc. (Hi/Lo):**
  - **Cap. FSM (V):**
  - **Amp Gain:**
  - **Volts Measured at Loc terminals FSM (V):**
  - **TU T1/T2 DPU MU Terminals 13 & 14 FSM (V):**
  - **DC Supply:**
  - **DMM (V):**
  - **Rx Input @ Loc terminals FSM (V):**
  - **RX I/P Transformer fine adjustment FSM (V):**
  - **RX I/P Transformer coarse adjustment FSM (V):**
  - **Volts on M1-M2:**
  - **Unoccupied FSM:**
  - **With shunt on FSM:**
  - **Zero Feed FSM:**
  - **Drop Shunt:**
  - **(V):**

- **First Full Recorded Test:**
- **Last Full Recorded Test:**

<table>
<thead>
<tr>
<th>Test Equipment Used</th>
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<tbody>
<tr>
<td>Type &amp; Ser. No.</td>
</tr>
<tr>
<td>Name of Testing Officer (Print Name)</td>
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</tbody>
</table>

**Any additional information needed - (sketch of track / Location IDs, distances, equipment positioning, bonds, etc.)**
Transmitter Setup Type T2

<table>
<thead>
<tr>
<th>FREQ Hz</th>
<th>CONNECT 1 on MU</th>
<th>CONNECT 2 on MU</th>
<th>BRIDGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1700</td>
<td>V7</td>
<td>V8</td>
<td></td>
</tr>
<tr>
<td>2300</td>
<td>V2</td>
<td>V8</td>
<td>V3 - V4 V5 - V7</td>
</tr>
<tr>
<td>2000</td>
<td>V1</td>
<td>V8</td>
<td>V3 - V7</td>
</tr>
<tr>
<td>2600</td>
<td>V1</td>
<td>V8</td>
<td>V3 - V4 V5 - V7</td>
</tr>
</tbody>
</table>

FSM: Frequency Selective Meter / Track filter Adaptor
DMM: Digital Multimeter

Matching Unit Adjustment Table – Rx End Type T2

NOTE: Only one half of ESR
double matching unit shown

Test Points for
Correct Adjustment
Voltage should be
280mV to 300mV