**MacGuffin IO Definition Example**

These files demonstrate how the information in the Output Port Definition and the User Defined Bit Pattern tables sets up the IO expander ports to operate the RF relays and the DC control relays. A 6 band configuration based on 6 pole relays is used as the example.

Files below are contained in this zip.

MacGuffin 6P Example.zip

MacGuffin 6P Relay Rem Ant Sel.docx

**These files are referenced by it.**

MacGuffin Interconnection V1-6-1 REM.pdf Interconnection schematic

MacGuffin IO Expander V1-6 REM.xlsx Worksheet for IO Port Parameters for V1 Arduino sketch

MacGuffin IO Expander V1-6 REM V2.xlsx Worksheet for IO Port Parameters for V2

MacGuffin User Bit Patterns IO 0 REM.xlsx Worksheet for User Defined Bit Pattern

MacGuffin User Bit Patterns IO 2 REM.xlsx Worksheet for User Defined Bit Pattern

MacGuffin\_Sequencer\_V1-06.ino Arduino sketch

This demonstration system does not have preamps or driver - power amps. Selector input relays are cabled to the selector output relays.

