Rig DC Power & RF Hazards

By G8MNY (New Feb 12)

(8 Bit ASCII graphics use code page 437 or 850, Terminal Font)

With connection to add ons to your rig there is a hazard that can burn out or damage ground wiring in your... PC, Noise Eliminating LS, Preamps Powered Auto ATUs, & rotators etc.

The cause is high DC or RF currents being allowed to flow over signal leads cause by faulty earths & earth loops.

Using no PSU earth connection & only earthing via the rig connection is a possible cure for low current accessories.

DC can damage...

PSU earth wiring & Mains lead,
Rig AF socket/PCB,
AF lead, Laptop motherboard,
VGA lead, Screen, & Screen power lead.
If there is no DC fault but RF voltage on the rig, RF currents can damage:
   Rig AF socket/PCB,
   AF lead, Laptop mother board,
   Latop PSU's mains RF filter,
   VGA lead, Screen.

See my Tech Buls on "BHI Noise Eliminating DSP LS", "A Simple V.O.X. Circuit",
"PSK31 interface isolation".

Y Don't U send an interesting bul?

73 de John G8MNY @ GB7CIP