2018 RTTY Roundup
Single Operator, Electromechanical "Heavy Metal" Contest Overlay
R-U-L-E-S

Overlay Objective: Amateurs worldwide contact and exchange QSO information with other amateurs - utilizing an electromechanical teleprinter** - (BAUDOT RTTY and ASCII, attended operation only) on 80, 40, 20, 15, and 10 meter bands. Operators using an electro-mechanical teleprinter may work any other station regardless of that station's equipment configuration.

Overlay Category: Single Operator, Electromechanical: To qualify for this overlay, entries shall enter as, and follow all RTTY Roundup rules for Single Operator, High Power (not Unlimited), plus the following additional rules:

An electromechanical teleprinter shall be exclusively used as the Input/Output device for all contest exchange data. All incoming and outgoing data shall be decoded and printed on paper by said device utilizing a mechanical selector mechanism.

Contest exchange macros in the form of pre-punched paper tape, tape loops, punched cards or other mechanical storage media are permitted (and encouraged).

All transmitted RTTY data must be initiated via the teleprinter's keyboard, or storage media (e.g., tape) reader operating mechanism.

Computers (PC, Laptop, etc.) are permitted for contact logging, station control & monitoring and simple data conversion (e.g., BAUDOT <> ASCII) as needed. Computers shall not be employed to display, modulate, or demodulate, or in any way encode or decode RTTY data.

Terminal units that employ an embedded microprocessor to manage the decoding and encoding of AFSK/FSK RTTY data - and producing RS-232, IEEE-488 or equivalent output - are permitted

The spirit of these rules is that you are using your electromechanical equipment to make contacts. Feeding exchange macros from e.g. a PC is not in the spirit. Having e.g. a PC display to look at in addition to your printer is not in the spirit. Sneaking a peek at your transceiver's RTTY decode is not in the spirit. Making a lot of noise - that's in the spirit!

A station operator may use any number of teleprinters, of the same or different type and model, during the contest to reduce machine wear, fatigue and/or failure and promote reliable station operation. (Yes, this means you could do SO2R with teleprinters, and if you do, we salute you!)

Reporting: Logs are to be submitted in Cabrillo format as described in the RTTY Roundup rules – do include a note in the Soapbox section that you operated within this overlay, just in case. In addition, a **full-resolution photograph** (e.g., .jpg), image, scan, facsimile, or print (e.g.,

.pdf) of at least the final contest QSO/contact shall be emailed to RTTYRUmetal@gmail.com with the log entry as proof of qualification for submission to this award overlay.

Entrants are also encouraged to submit their **contest story** and more full-resolution pictures to Jeff Stai, WK6I at the email address below, for inclusion in the RTTY Roundup results article.

Awards: A plaque, if sponsored, for the Single Operator, Electromechanical "Heavy Metal" overlay will be awarded to the top scoring entrant overall. In 2018, this plaque is sponsored by **Dave Tumey, W5DT** – thanks Dave!

Questions or comments? The rules for this overlay were composed by Dave Tumey, W5DT davetumey@yahoo.com - and Jeff Stai, WK6I wk6i.jeff@gmail.com.

Version 1.2 dated 17 Sept 2017

** An electromechanical teleprinter (teletypewriter, Teletype or TTY) includes, but is not limited to, the following:

Creed & Company – Models 7E, 7B, 7, 7/RP, 54, 75, 444
Friden – Model 2301 (Flexowriter)
Hasler – Model SP300
Kleinschmidt – Models M 120 (TT-76), 150 (TT-98), 155 (TT-4), AN/FGC-25 family
Lorenz AG – Model T36, Lo133
MITE - AN/TGC-14, AN/UGC-38, AN/UGC-40, TT-264, TT-299
Olivetti – Models T1, T2, Te300, Te400
Siemens & Halske (Seimens, AG) – Models 100, T100, T150, T1000
Telefunken – Models (Telstar) 120, 121, 122
Teletype Corporation – Models M14, 15, 19, 26, 28, 32, 33, 35, 37, 38