RTTY AND PSK INFORMATION ON HOW TO GET STARTED WITH WEB LINKS FOR FURTHER INFORMATION

Frequencies:

- 10 meters: 28050-28150 KHz, during contests the same
- 12 meters: 24920_24929 KHz. NO contesting.
- 15 meters: 21080-21120 KHz, during contests 21060-21150 KHz
- 17 meters: 18100-18109 KHz. NO contesting.
- 20 meters: 14070-14112 KHz, during contests 14060-14140 KHz
- 30 meters: 10140-10150 KHz. NO contesting.
- 40 meters: 7035-7045 KHz, during contests 7025-7060 KHz
- 80 meters: 3580-3620 KHz, during contests 3570-3600 KHz
- 160 meters: 1838-1840 KHz. NO contesting

- Notes:
    - Avoid PSK-31 operations near 28120, 21070, 14070, 7070, 3580 KHz
    - Avoid the NCDXF beacons at 21150 and 14100 KHz
    - For more detail, see www.aa5au.com/gettingstarted/rtty_subbands.htm

Interfaces:

Homebrew
Lots of schematics on web
http://www.geocities.com/n2uhc/interface.html
http://www.ik3qar.it/rtty/1/

Pre-made
microHAM (www.microham.com)
RIGblaster (www.westmountainradio.com)
SignalLink (www.tigertronics.com)
Rascal (www.buxcomm.com)
Donner's (home.att.net/~n8st/DDI-index.html)
Many other brands are available. See reviews on eHam
(www.eham.net/reviews/products/53)

Shop carefully – many variations; some do not have FSK capability

Software:

One of the most popular and efficient software programs is **MMTTY Software
 by JE3HHT - Makoto Mori Go to:**
http://www.aa5au.com/gettingstarted/rtty_downloadmmtty.htm
  This will give you detailed instructions on how to download, install and use MMTTY complete with a user manual and a useful tutorial. MMVARI is also from the same author and is a superb PSK program.
http://pages.cthome.net/n1mm/html/English/DigitalMMVARI.htm
http://mmhamsoft.amateur-radio.ca/MMvari/

Recommended sequence for getting started
Install and setup MMTTY on stand-alone basis (i.e. without contest logger such as N1MM)
Get MMTTY receiving signals properly
If you have a complex computer interface (e.g. microHAM), it may be worthwhile to get MMTTY receiving properly with just a direct audio connection from radio to soundcard
Next step is to get MMTTY working properly on transmit. If you have problems the RTFM technique does help, but don't be afraid to ask!

Useful Links:

- Getting Started on RTTY - detailed step-by-step instructions (www.aa5au.com/rtty.html)
- RTTY Tutorials - WriteLog, MMTTY, software-generated FSK, Microham Microkeyer, etc. (www.rttycontesting.com/tutorials/tutorials.htm)
- British Amateur Radio Teledata Group (BARTG) (www.bartg.org.uk/articles/Getting%20started%20on%20RTTY.pdf)
- DX-Stations Guide to RTTY Operations (www.plicht.de/ekki/rtty/dxguide.html)

- Sound Card Interfacing:
- Understanding Soundcard Interfacing by Ernie Mills, WM2U (www.qsl.net/wm2u/interface.html)
- Simple Serial FSK Setup (users.skynet.be/ON4AOI/keyer.shtml)
- Understanding FSK and AFSK (homepage.mac.com/chen/w7ay/cocoaModem/More/Contents/part2.html)
- Using MMTTY with FSK (mmhamsoft.amateur-radio.ca/extfsk.htm)
- USB-to-Serial Port Adapters (www.rttycontesting.com/usb)
- N1MM Logger documentation (pages.cthome.net/n1mm/html/English/Help.htm)

Contesting:
N1MM is the preferred program. The Contest Group will be holding tutorials and demonstrations in the Autumn at the First Station on Bowthorpe Road. The program is available from:
http://pages.cthome.net/n1mm/html/English/Installation.htm Follow your nose!