

**Show Notes for Episode 23**  
**(TXF023)**  
*July 2019*



**Mike Marsh Mastering**

TX Factor presenter Mike Marsh G1IAR is a great example of how amateur radio and the knowledge we gain from the hobby can lead to a technical career. Mike was interested in radio, electronics, music and recording from a young age and those interests led him to a hugely successful career as a world-renowned mastering engineer, working with top artists and producers on chart-topping albums and singles.

Find out more about Mike's fascinating day job at:

[mikemarshmastering.co.uk](http://mikemarshmastering.co.uk)

and via his fascinating facebook page at:

[www.facebook.com/TheExchangeMikeMarshMasteringStudio/](https://www.facebook.com/TheExchangeMikeMarshMasteringStudio/)

In this episode, Mike demonstrated cutting a playback acetate using a disc that is the same physical size as that of the resulting vinyl release - in this instance, a 12 inch single. A playback acetate is a one-off reference disc that doesn't go through any further processing to give an artist / producer or the record company a good idea of what a record should sound like before it goes through the mass-production process.

If this record was to be commercially produced as a 12 inch single, it would need to be cut on a larger 14 inch disc (otherwise known as a master 'lacquer' - made of the same material as an acetate) and then sent to a pressing plant to go through a galvanics process to create a metalwork stamper to enable record pressings to be made.

A master lacquer for vinyl production needs to be made on a disc bigger than the finished resulting pressing, so that there is a border margin for the pressing to be finally cut down to size by the record press machinery, therefore maintaining clean starting 'edge' point to a record's run-in groove, where you first land your playback stylus!

Don't forget you have a two chances to win the playback acetate that Mike cut in our free-to-enter draw!

**Qatar Oscar 100**

AMSAT-UK has a great page packed with information about this exciting new Ham Sat.

[amsat-uk.org](http://amsat-uk.org)

Listen in to the narrowband transponder via the Qatar-Oscar 100 narrowband web SDR at:

[eshail.batc.org.uk](http://eshail.batc.org.uk)

## **ICOM IC-9700 VHF/UHF Transceiver**

You can see the full specification of this new high-performance transceiver and download the leaflet and manual at: [icomuk.co.uk](http://icomuk.co.uk)

## **Our free-to-enter draws**

We have two great competitions in this bumper episode.

Two lucky winners will each receive a souvenir vinyl disc of the TX Factor theme tunes as cut by Mike Marsh G1IAR in this episode.

Our second prize bundle features a fabulous Yaesu FT-4XE handie courtesy of Martin Lynch and Sons. See the full details of this great little radio by visting the ML& S web site at: [hamradio.co.uk](http://hamradio.co.uk)

Our winner will also receive two great news books from the RSGB, the latest *Prefix Guide* and a copy of the indispensable guide to satellite operating, *Amsats and Hamsats*.

See more details on these books and find out more about the many benefits of being a member of the RSGB at: [rsgb.org](http://rsgb.org)

## **Thank you for watching TX Factor!**

Please note that all URL links included in these notes are, to the best of our knowledge, correct and have been tested, although from time to time some may appear not to be working at the time of reading this. Sorry for the inconvenience, however, these things do happen, and a search on Google or similar should provide you with more up-to-date links.

[www.txfactor.co.uk](http://www.txfactor.co.uk)  
[info@txfactor.co.uk](mailto:info@txfactor.co.uk)