

Multi Kit 13:30 start. Instructions for those who will receive equipment already switched on. (updated 07/10/22)

Distances – please review <http://www.forjac.co.uk/df/multitx/Multi-Chains.html> to ensure you know the rules.

Deployment - choose a or b

a. Visit site and deploy Tx's on Saturday, if you have no time constraints a previous visit may be unnecessary. For a comfortable stroll allow at least 4 hours to search for hiding places and locate Tx's and Triffids. This allows you to have a more relaxed Sunday.

b. Visit site before the day choosing hiding places and recording them on GPS. This will allow you to put the Tx's and Triffids in place on the Sunday morning in about 3 hours, arrive at site by 09:00 so that you can complete set up before the test transmissions at 12:00.

Sunday 12:00 (may be earlier if required).

Test transmissions are **all on 1960 KHz.**

Sequence A B C F G H K L M 1 (Ghost)

The sequence repeats every 10 minutes. (12:00, 12:10, 12:20 13:00)

If all are heard ask Roy to switch on the blocking Tx – this is more powerful than any other on site and transmits continuously preventing competitors from taking early bearings.

If there is a problem ask Roy to prepare a spare Tx while you check closer to the problem Tx, if it can be heard when closer, all is fine, if not advise Roy by phone who will start the spare and arrange to meet you at a convenient location.

12:55 Generate Jokers on laptop with a witness that the laptop has generated these.

13:00 Give out Jokers (in private), Dibbers and obtain signatures on the one of the printed start sheets.

Make sure all know your phone number and you know theirs (info on the start sheet).

Record the Jokers that people get on the second copy of the start sheet - keep this secret 😊.

13:06 Test transmissions cease, remind Roy to switch off blocking Tx.

13:15 Event briefing

Sample info to give competitors – maps, dangers, no go areas etc. {“Please work with others who finish in the same chain to ensure all three Tx's are collected. The lock code is 196. Leave Triffids running but switch off Tx's securing lid with rubber band not plastic side clip.

13:25 Take picture or ask someone else to.

13:30 Tx's begin.

13:35 Release competitors. Help beginner(s) if necessary. Take photos if you have time.

14:30 Move to area where the Ghost is hidden so you have some transmissions to find it before it falls silent at 15:00. Do not allow anyone to dib it after 15:00.

Leave both Tx and Triffid on.

At the car park deploy Tx with aerial erected. the Tx will come on at 16:01 as car park Tx 1900 kHz.

16:00 Receive Tx's, Triffids and Dibbers from competitors, arrange in order for checking all in.

16:20 Read Triffid data into laptop

16:30 Announce results – award Multi-Star to winner.

16:40 Hero points and discards

As organiser you receive 5 HPs, after this you may discard up to 10 from your total if you wish. PTO.

Equipment

To limit complexity for the organiser only the equipment which needs to be set up prior to the beginning of the test period (12:00) is provided. Roy will bring the remaining equipment: Dibbers, PC, blocking, car park, spare Tx and Triffid.

Organiser's check list:

Chain A, B, C. Txs and Triffids are paired. Triffid lock cables. Release number 196 (as in 1960 KHz)

Chain F, G, H.

Chain K, L, M.

TX 1 (Ghost) **goes off at 3pm**. Comes on again as **car park Tx at 16:01** pm (after machine gun from other Txs).

Shoulder bag - Test transmission schedule, sign in list, pen, trowel, bag containing spare wire, bands, weights and **Dibber 68**, which may be used to check a Triffid is working without recording a score, it also allows a check on how many times the Triffid has been visited.

Organiser provides aerial pole, DF receiver, accurately set watch, map of site with planned locations for Txs.

Roy's check list:

16 Dibbers – cleared.

Triffid P for downloading Dibbers after event.

2 unbuffered comms leads.

Spare sign in list.

3 tuneable Txs – for use as spares and 1960 block, 1900 car park.

Linx tablet, or laptop if start is at the car park.

USB stick for data transfer if needed.

Pre-event data on both PCs and mem stick.

Trophy

Continues on next page (PTO)



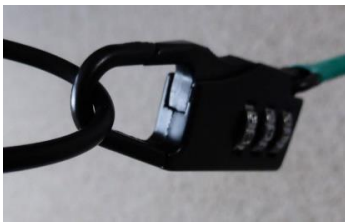
Txs A, F, K & 1 have long aerials (apx 5m), other Txs apx 3m.

Aerial wires have pieces of solid core wire attached, bend in a **gentle** hook shape that should straighten when aerial is pulled down (as shown), the long side acts as a counter weight. Note that the tip of the brown aerial is exposed for testing continuity, this will have been checked after the previous event. Txs should be placed on the ground with all aerial unwound. If the Tx is buried, have the aerial exiting with as little contact with ground as possible. Using a pole, try to get the first 3 metres close to vertical, the remainder may run horizontally.



Note identification letters, these must match when placed in the field!

The black shoulder bag may be used to carry the three Tx/Triffid pairs that form an event chain. Some packing foam may also be used to prevent transit damage, the Triffid's mouth is particularly delicate. You may wish to bring extra carrier bags/packing.



Lock code 196 (from 1960), scramble before leaving.

Triffids should be secured by the cable to a substantial plant to discourage theft. They may be above or on ground, if on the ground try to choose a position where they are unlikely to be stepped on e.g. protected by a shrub.



Dibbers - **Special 68** has a fat marker/identity tube fitted (top one in picture – may be all white). This can be used to check that a Triffid is working or how many dibs have occurred. Before the event this should be zero. It will not create a log entry, has no effect on event data.

You may have been given a white dibber which has a comms socket for result processing, this is normally also assigned the special value 68.



Lanyards – useful BUT, with their safety release, can catch on undergrowth and be ripped off without you noticing (dibbers lost this way).

Securing around wrist with little slack is safer than around the neck – a competitor option.