

Torbay Event

RSGB Direction Finding Event – 4th September, 2022

The 2022 Torbay DF Qualifier started at Woodbury common using the Exeter and Sidmouth map.

The transmitter callsigns and frequencies were:-

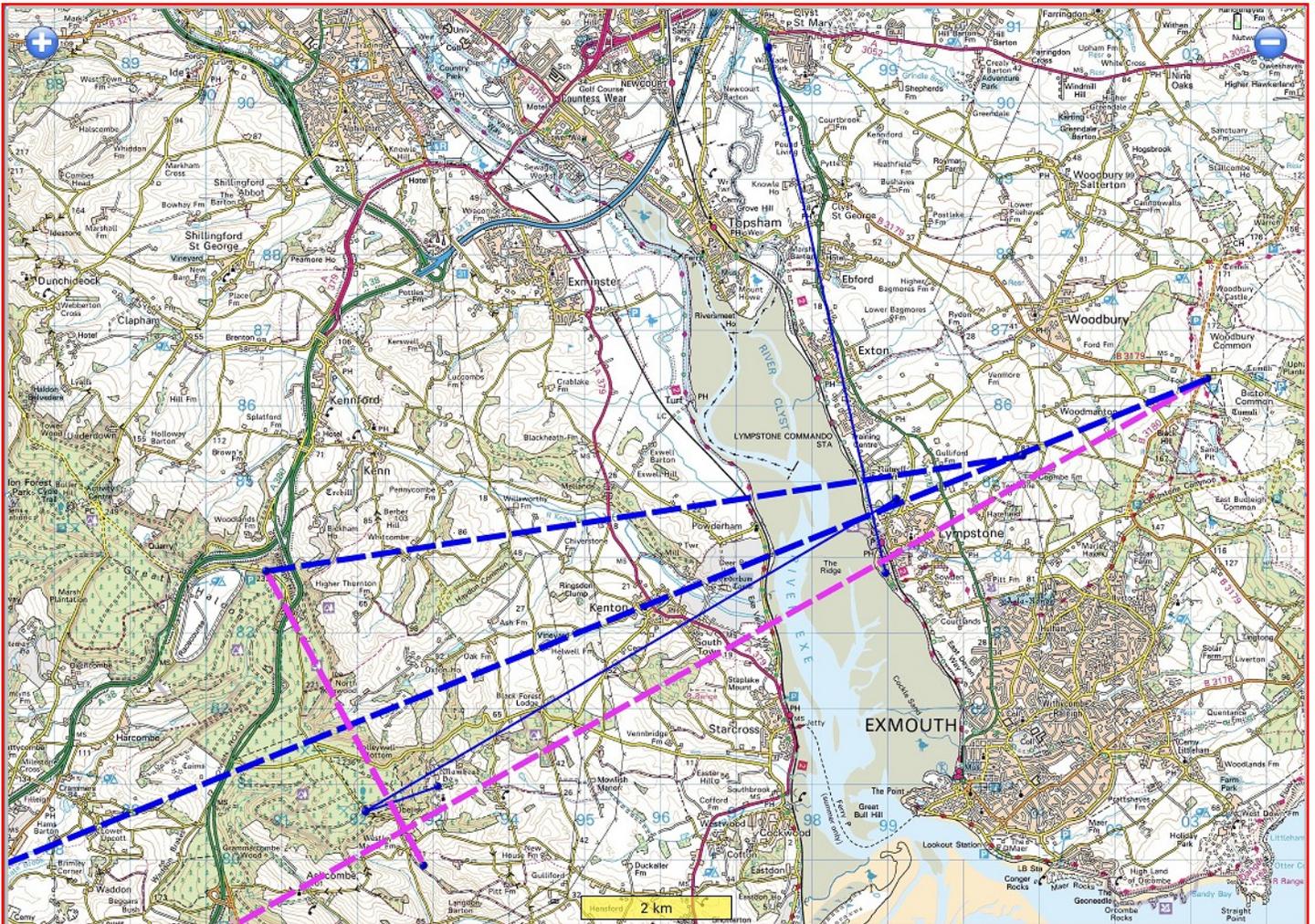
A station – G3WHR 1950 Khz Matt was hiding

B station – G0BTH 1960 Khz Paul and Paul were Tx operators.

Sorry if Matt's Tx had G0BTH morse as I forgot to set the callsign to G3WHR.

Both signals were of equal strength and almost the same bearing when received at the start.

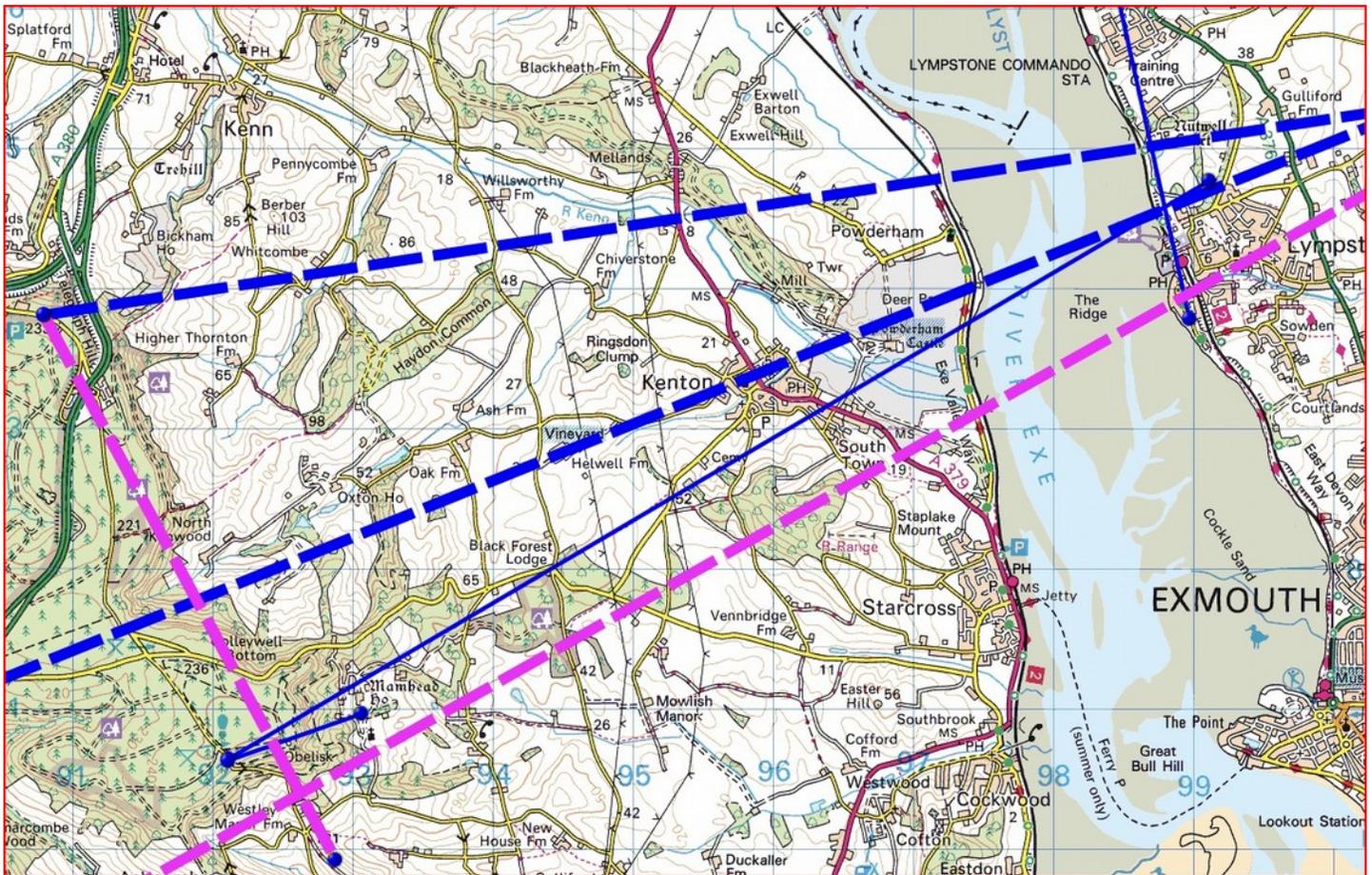
Justin's bearings



Blue dotted is Tx A and pink dotted Tx B

This shows start, 2:00 and other transmissions that show Tx A is on the Exmouth side and Tx B on Mamhead side

A closer look shows Justin's bearings were pretty good.



Tx B had fired up the Mamhead Obelisk and his close in bearing (both blue thin lines) went right through it. Tx A was where Justin has three bearings crossing at Lympstone (two thin blue and on fat dotted blue cross at a point where Matt was)!

Transmitter A

Matt had found a promising site at Lypmston. With a cycle route having been put in Exeter to Exmouth, there had formed a strip of no mans land ideal for a wire to be strung on the top of thick brambles.

At one end an old door allowed access for the intrepid DF transmitter operator



Hidden behind the door, Matt sat and could see through the hinge side to view the DF teams running by. No one could see Matt from above as the brambles were so thick.



All the antenna wire was hidden as best as we could so not to direct DF'ers to Matt.

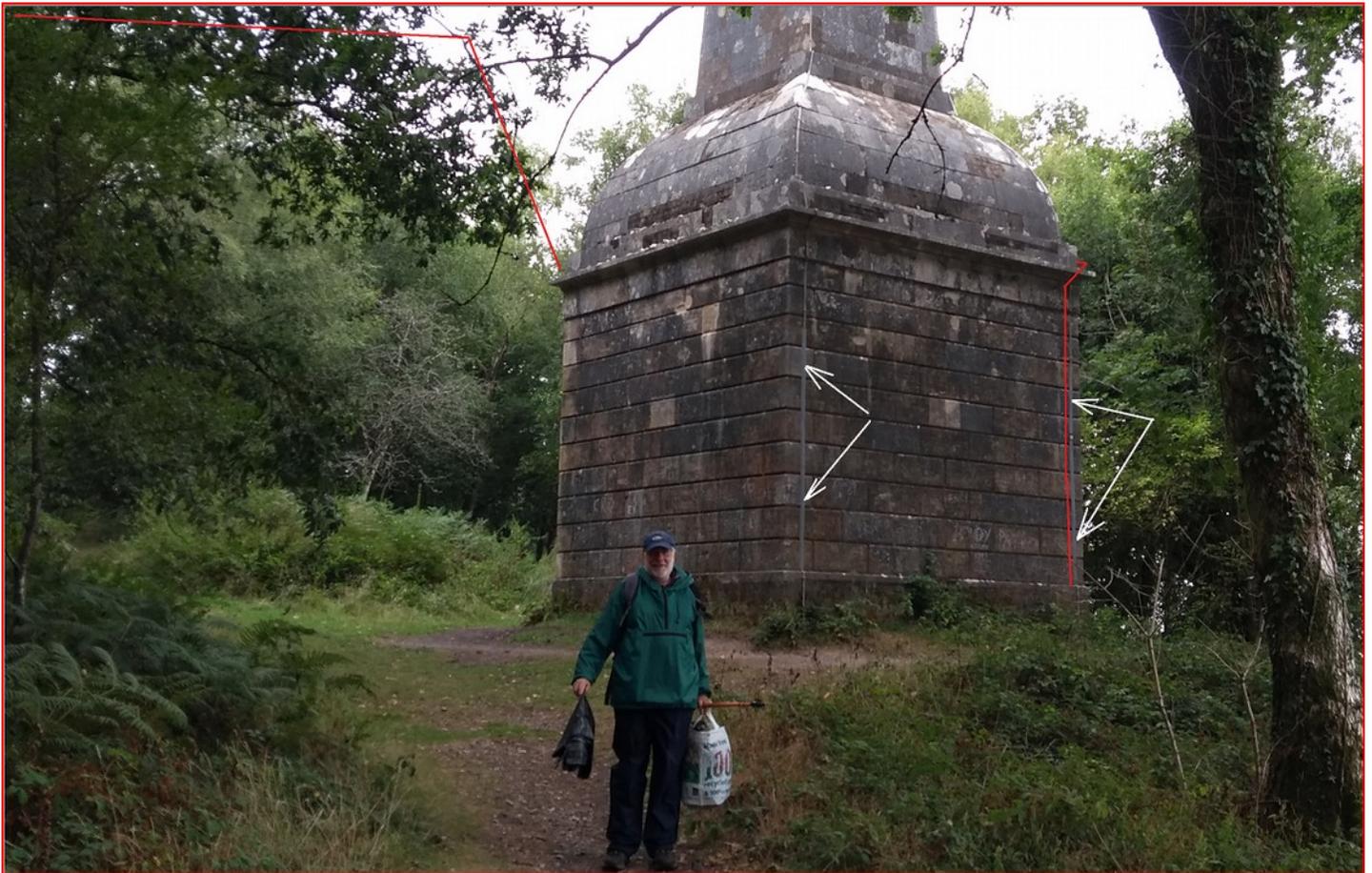
Seemed to work as the door seemed to be ignored by everyone. Upturned boats were checked out as was a small hide under the bridge.

All commented that the top end of the Tx antenna was very active and had thick cover, but no one there.

Transmitter B

For some time I have been wanting to power up Mamhead Obelisk.

It has two lightning conductors and a jumper at the bottom that can be removed to allow a 30m vertical loop to be used for an antenna.



The lightning conductors are arrowed in white.

The antenna wire (shown as red, but really black) was tywrapped to the lightning conductor and looped around the obelisk as shown so not to be seen. Then off into the wood – we went about a wavelength, 160m.

Two competitors looked for a door as the signal was very strong at the obelisk.



Tx B hide in the wood.

Photos from Dick

Start at Woodbury Common



Taking a bearing at Mamhead



Hunting Tx B



where is he?



where is he ??



b**ger



Relaxing on the beach



Not under the boat



Gary at the gate