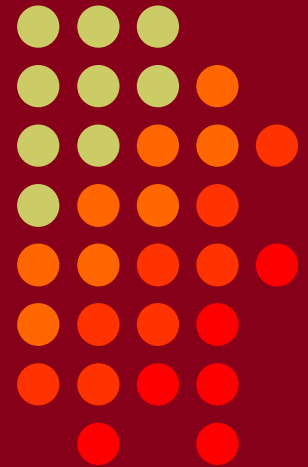


CTU Presents

The Road to WRTC 2026 in the United Kingdom

Mark Haynes M0DXR



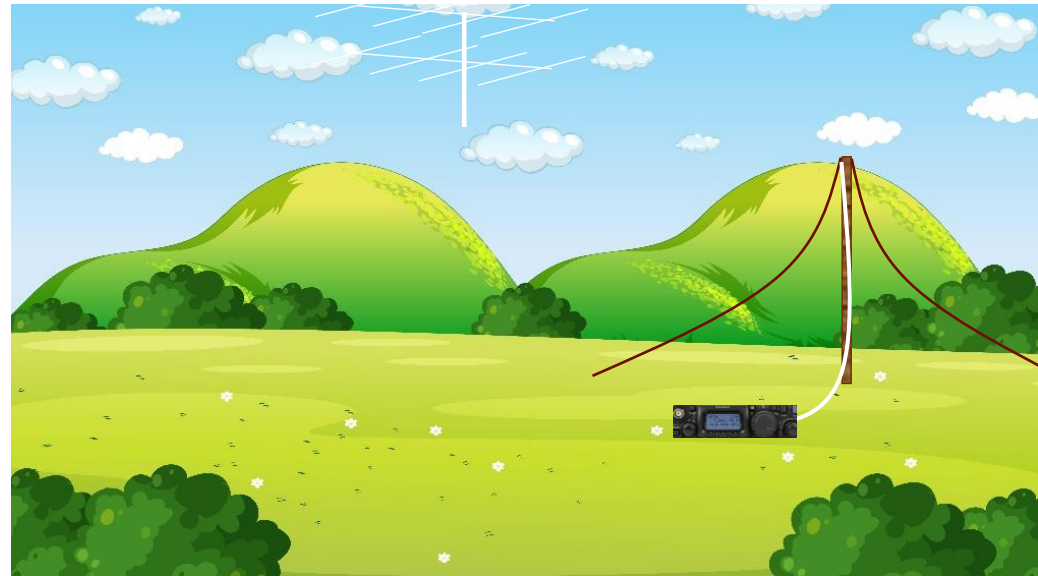
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Traditional Contesting – fair game?



- A station on a hilltop will have a louder signal than a station in a valley
- A station with a big antenna will have a louder signal than a station with a smaller antenna
- DX stations in rare countries attract more callers than stations in non-rare countries
- Operator ability also counts...a lot...but...



What if... (a quick recap)



- All operators were in the same geographic region on flat ground?
- All operators had identical antennas?
- All operators used 100-Watt transmitters?
- All operators had a referee looking over their shoulder?



WRTC!



- WRTC is an “Olympic-style”, every-4-years, ham radio world championship
- All two-operator teams get identical antennas and are in the same area
- Operating skill and strategy will determine the winning team



WRTC Goals



- Publicise radiosport worldwide both inside and outside Amateur Radio
- Facilitate international gatherings of radiosport participants
- Promote advances in radiosport technology, such as:
 - Team operating technique
 - Real-time scoring and logging
 - Spectator viewing and education
 - Log-checking and reporting
 - Operator ranking and comparison
- Encourage the growth of radiosport participation worldwide, especially to:
 - Youth and young adults
 - Regions with populations under-represented in radiosport

WRTC 20 year vision



- Premier international radiosport event
- Competition between teams attracting participants, spectators and mainstream sport media
- Development of radiosport standards for operating, adjudication and technology.



WRTC History



1990 -
Seattle



1996 –
San
Francisco



2000 –
Slovenia



2002 -
Finland



2006 -
Brazil



2010 -
Russia



2014 –
Boston



2018 -
Germany



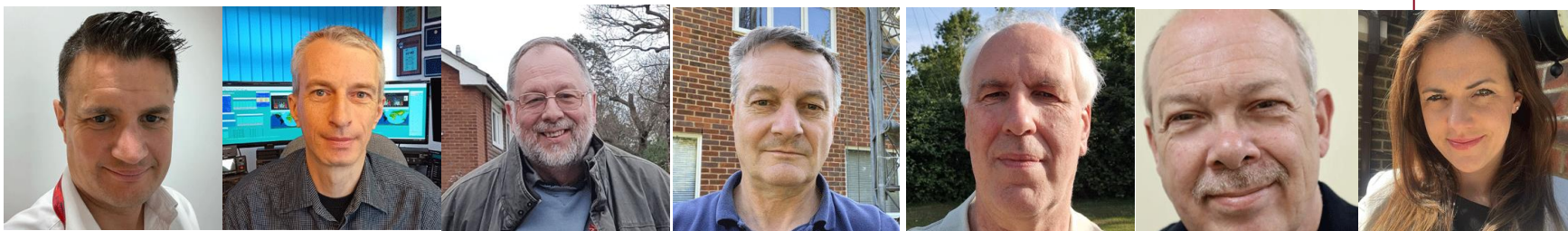
2022
(2023) -
Italy



2026 –
United
Kingdom



WRTC 2026 – the organising team



Mark M0DXR
Chairman &
Programme
Manager

Lee
G0MTN
Vice-Chairman &
Director of Rules

Fred G4BWP
Director of
Finance

Chris G0DWV
Director of
Fundraising

Andy
G4PIQ
Director of
Sites and
Stations

Steve
M1ACB
Director of
Volunteers

Georgina
M6YGL
Director of
Hospitality

IT Team

Tim GW4VXE
Peter 2M0SQL
Michael G7VJR

Advisory Committee

Tim K3LR
Robert G3NSM
MD0CCE
John K1AR
Chris DL1MGB (also on SC)

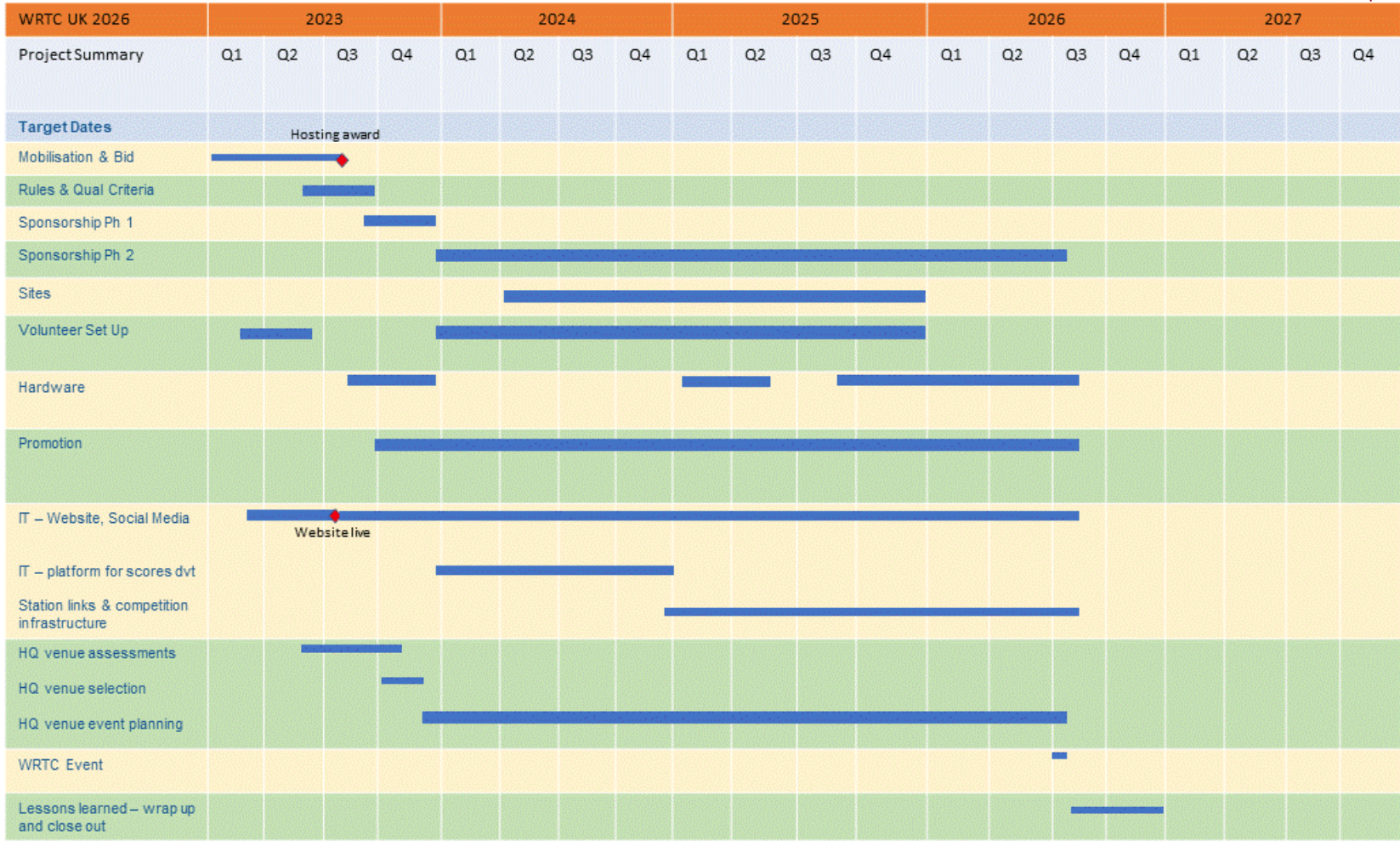
Olof G0CKV
Bob
Kam N3KS

Sanctioning Committee POCs

Doug K1DG
Chris DL1MGB (also on AC)

Tine S50A

Plan on a page



Key project activities to date

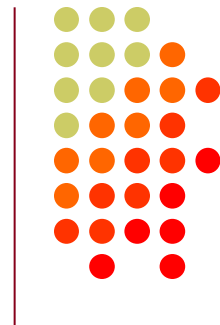


- Work has been underway for 12 months+
- Creation of core team, creation of WRTC hosting bid
- Registered WRTC 2026 as a Community Interest Company
- In person presentation at WRTC 2022 closing ceremony, announcement of WRTC 2026 in the UK and launch of website and social media channels.
- Raising focus of WRTC 2026 online, in the amateur radio press, and at radio conventions.
- Successful sponsorship request programme began with corporate, club and individual supporters.
- A key part of the operating site infrastructure is already complete with agreement to obtain antennas and masts used in Italy.
- HQ venue identified following down-selection process. Contract signed.

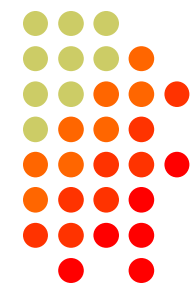
Qualifying Contests - a competitors journey to WRTC



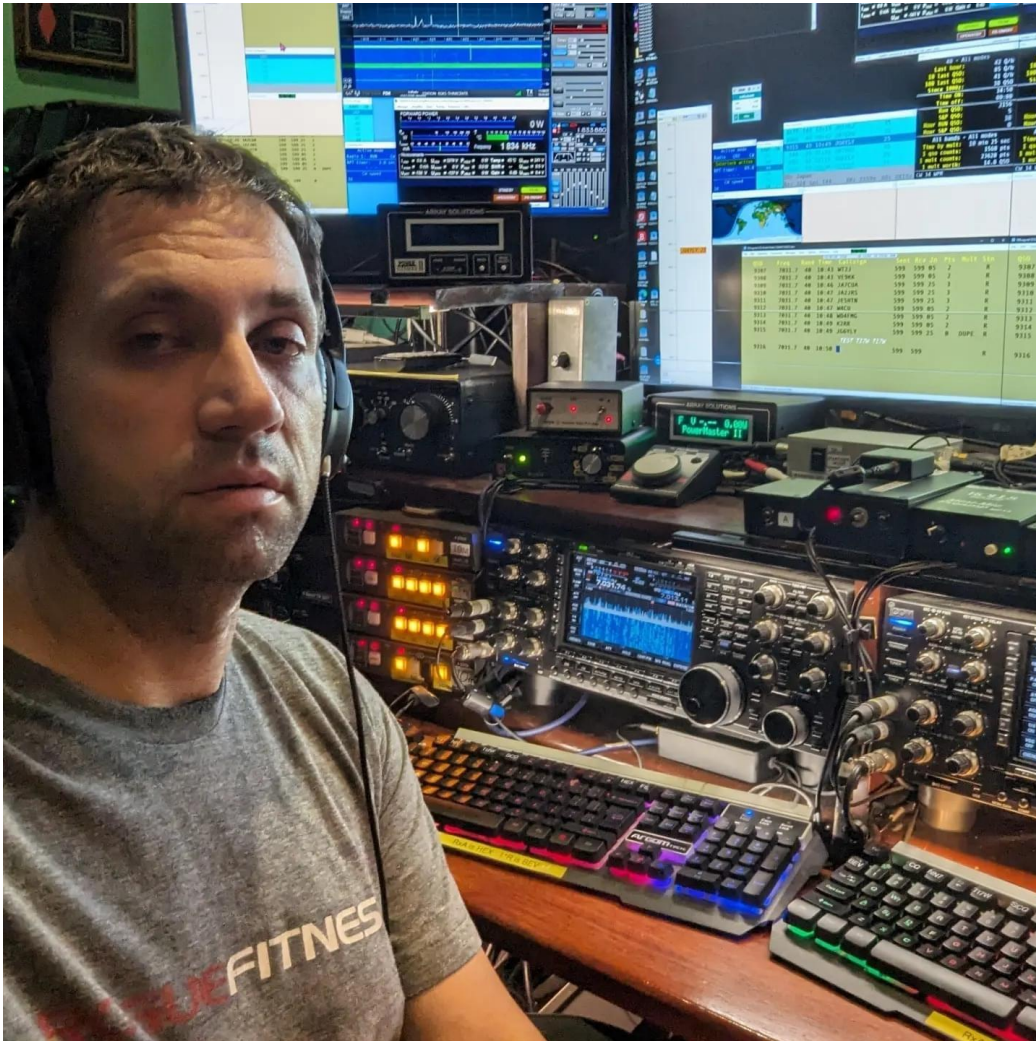
Contest	Value	2023	2024	2025	# of Events
CQ WW DX CW	1000	X	X		2
CQ WW DX SSB	1000	X	X		2
CQ WW WPX CW	950		X		1
CQ WW WPX SSB	950		X		1
IARU HF Championship	1000		X		1
ARRL Int. DX CW	800		X	X	2
ARRL Int. DX SSB	800		X	X	2
WAE DX CW	900		X		1
WAE DX SSB	900		X		1
All Asian DX CW	800		X		1
All Asian DX SSB	800		X		1



KL9A's road...



Physical training
feeds mental training...



...and helps you be ready for the contest!

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Team breakdown



WRTC	Qualifying Teams	Wild Cards	Previous Champions	Youth	Donor / Sponsored Teams	Total
UK 2026	42	1	1	4	2	50
Italy 2023	47	3	0	4	4	58
Germany 2018	49	7	1	3	5	65
USA 2014	51	2	1	1	4	59
Russia 2010	44	1	1	0	4	50
Brazil 2006	52	1	2	4	3	62

Area and Team breakdown



There are 42 qualifying teams across 30 Qualification Areas

Continent	Teams from Continent	Qualification Area	Countries in Qualification Area	Teams from Area
Europe	18	EU #1	ES, JW, JX, LA, LY, OH, OH0, OJ0, OY, SM, TF, YL	2
		EU #2	3A, C3, EI, F, LX, ON, PA	2
		EU #3	DL, OE, OK, OZ, HB9, HB0	4
		EU #4	CT, CU, EA, EA6, ZB	1
		EU #5	9H, I, IS0, T7, TK	1
		EU #6	4O, 9A, E7, ER, LZ, S5, SV, SV5, SV9, YO, YU, Z3, Z6, ZA	3
		EU #7	EU, UA1-6, UA2	2
		EU #8	G, GD, GI, GJ, GM, GU, GW	1
		EU #9	HA, OM, SP, UR	2
North America	14	NA #1	W1, W2, W3 (ME, VT, NH, MA, RI, CT, NY, NJ, DE, MD, PA, DC), 4U1UN	3
		NA #2	W4 North (KY, VA, TN, NC)	1
		NA #3	W4 South (AL, GA, SC, FL)	1
		NA #4	W5 (TX, NM, OK, AR, LA, MS)	1
		NA #5	W6 (CA)	1
		NA #6	W7 (WA, OR, ID, MT, WY, UT, AZ, NV)	1
		NA #7	W8 (MI, OH, WV)	1
		NA #8	W9 (WI, IL, IN)	1
		NA #9	W0 (ND, SD, MN, NE, IA, CO, KS, MO)	1
		NA #10	VE1, VE2, VE3, VE9, VO, VY2, VY0	1
		NA #11	VE4, VE5, VE6, VE7, VE8, VY1, KL7	1
		NA #12	CQ Zones 6, 7, 8, VP9	1



Asia	5	AS #1	CQ Zone 17, 18, 23 (except BY), UA9 in Zone 16	1
		AS #2	CQ Zone 20 (AS portion), 21	1
		AS #3	CQ Zones 22, 24, 26, BY/23,9M2, 9V	1
		AS #4	CQ Zone 19, 25 (HL-JA)	2
Africa	1	AF #1	Africa North/West or South/East *	1
South America	2	SA #1	CQ Zone 11 (PY-ZP)	1
		SA #2	South America except CQ Zone 11: CQ Zones 9-10 or 12-13 *	1
Oceania	2	OC #1	CQ Zones 27, 28, 31 (minus 9M2, 9V)	1
		OC #2	CQ Zones 29, 30, 32	1

Referees



- Each team will be assigned a referee
- Referee applications will become live in 2025
- Role of the referee



WRTC 2026 and Youth



Philipp DK6SP and
Jamie M0SDV @
WRTC Italy

Alan, G4DJX will assist
with youth visits to HQ
and education
programme

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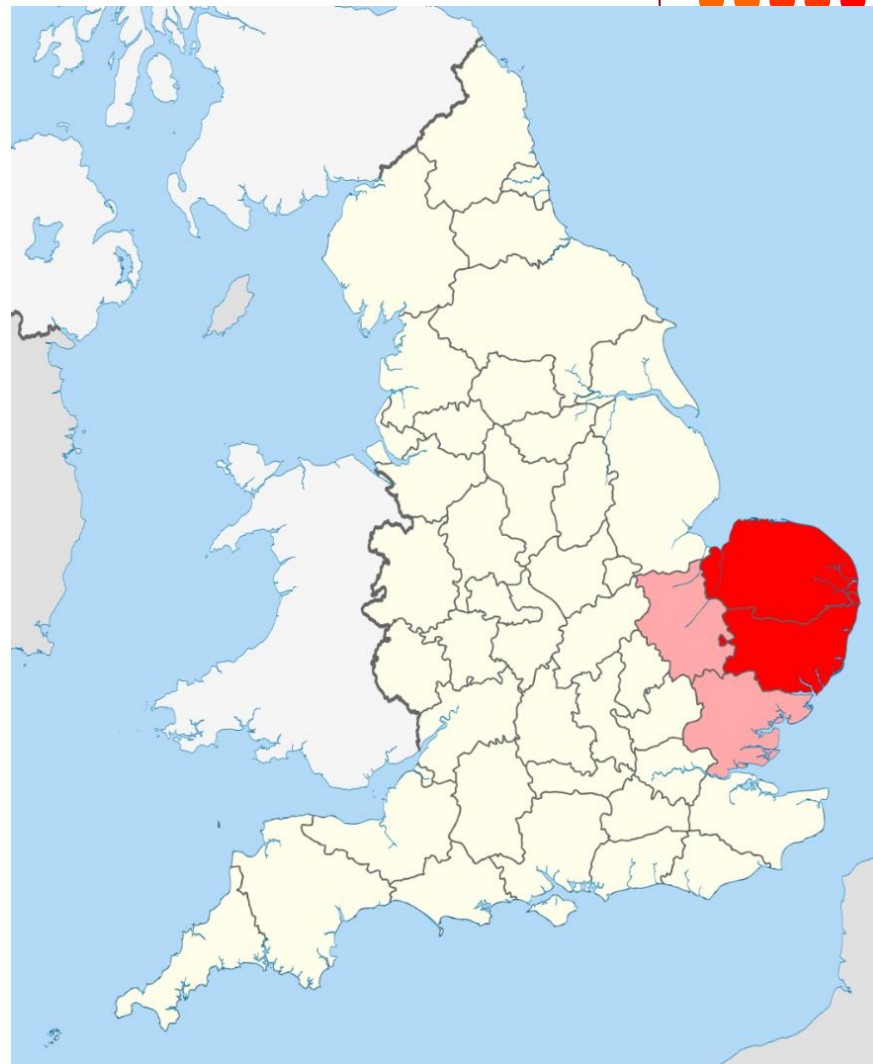
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WRTC 2026 Site Selection



Responsibility of Andy
G4PIQ

55 site locations required
of equal terrain and
RF/noise performance



How will we arrange the sites?



- On broadly flat & clear terrain
 - East Anglia
 - But using terrain analysis software to optimise
- Away from significant noise sources
 - Noise surveys planned for sites
- Where possible in clusters
- With at least 500m between sites
- Examples
 - Privately-owned back gardens, orchards, farms
 - Town/county/parks, recreation/conservation land
 - Other local club Field Day sites in SE

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Typical site



The Insides Evolve



2002 – Finland – G4PIQ + G4BWP

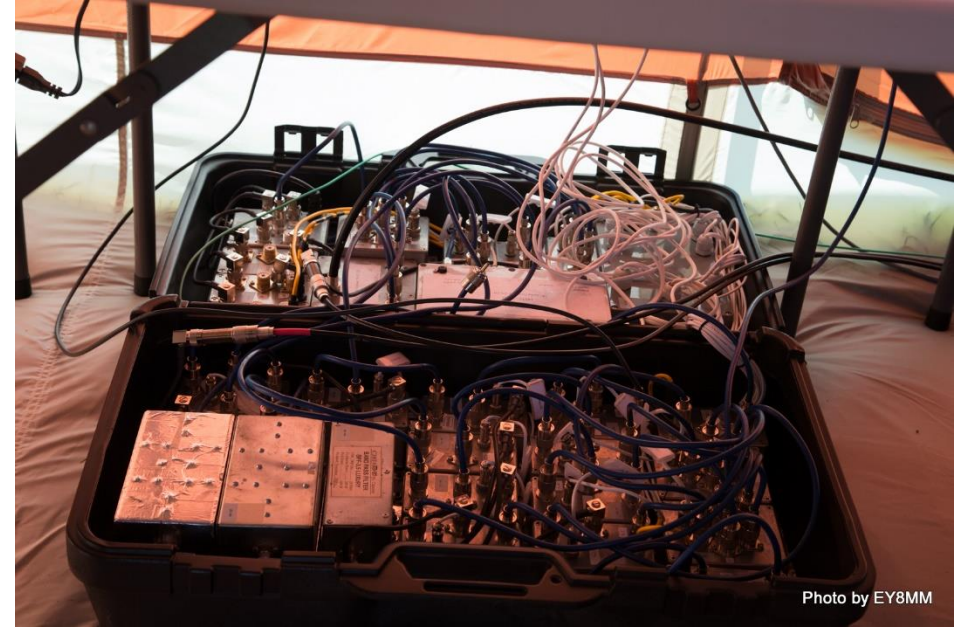


2010 – Russia – G4BUO + G4PIQ + UA9MA ref

Some Hours in...



2014 – USA – G0CKV +
M0DXR



“Wireless?” – K1LZ + YT6A’s
switching

Site testing



- Representative stations set up for testing during the IARU Contest in July 2025 using the official antennas
- Signal reports from the Reverse Beacon Network (RBN) will be used to *help* verify that the sites perform equally well
- Logs from the testing will be made public so competitors can review band strategy
- Sites that are “too loud” or “too weak” or that have noise will not be used

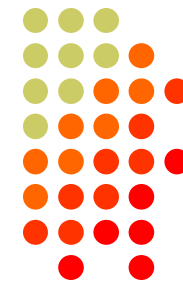


HQ Venue

- Conference complex
- Accommodation facilities
- Able to support large ceremonies / parties
- Reasonable access to operating sites
- Transport links (airports, roads, railway)
- IT infrastructure
- Suitable HQ Venue identified and contract signed – details to be revealed !



Schedule for week long 2026 Event



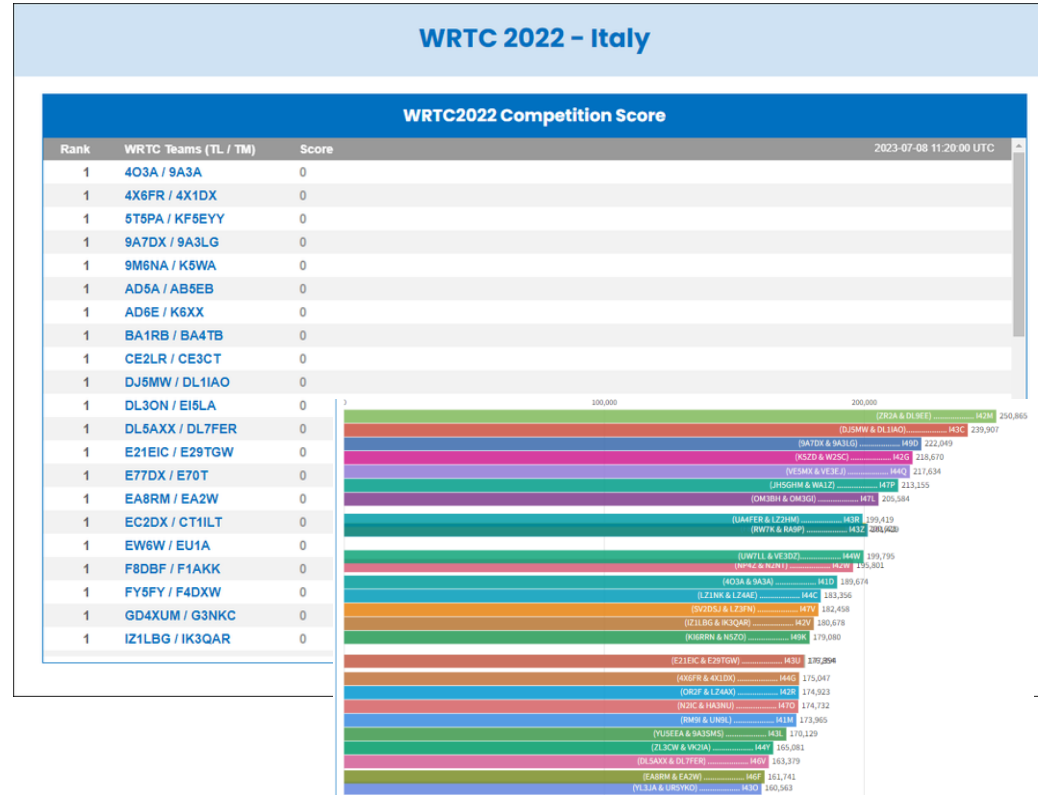
- Arrival of 100's of international visitors
- Opening ceremony
- Competitor and referee meetings
- Site visits and testing
- Allocation of sites, referees and callsigns
- Socialising and having fun!
- WRTC Contest
- Log checking and adjudication
- Sight-seeing and tourism
- Results presentation and closing ceremony
- More socialising and having more fun!

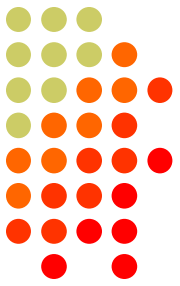


Live scoreboard and media



- Intent to have live updating scoreboard during the contest.
- Possibility of 'sports event' type internet broadcast explaining the game and analysing the strategies in real time to a worldwide audience.
- Media team will stream news and events from the ceremonies and around the HQ complex.
- Separately a film team we aim will record WRTC 2026 for a documentary video.





Volunteers

There is no WRTC without an army of volunteers!

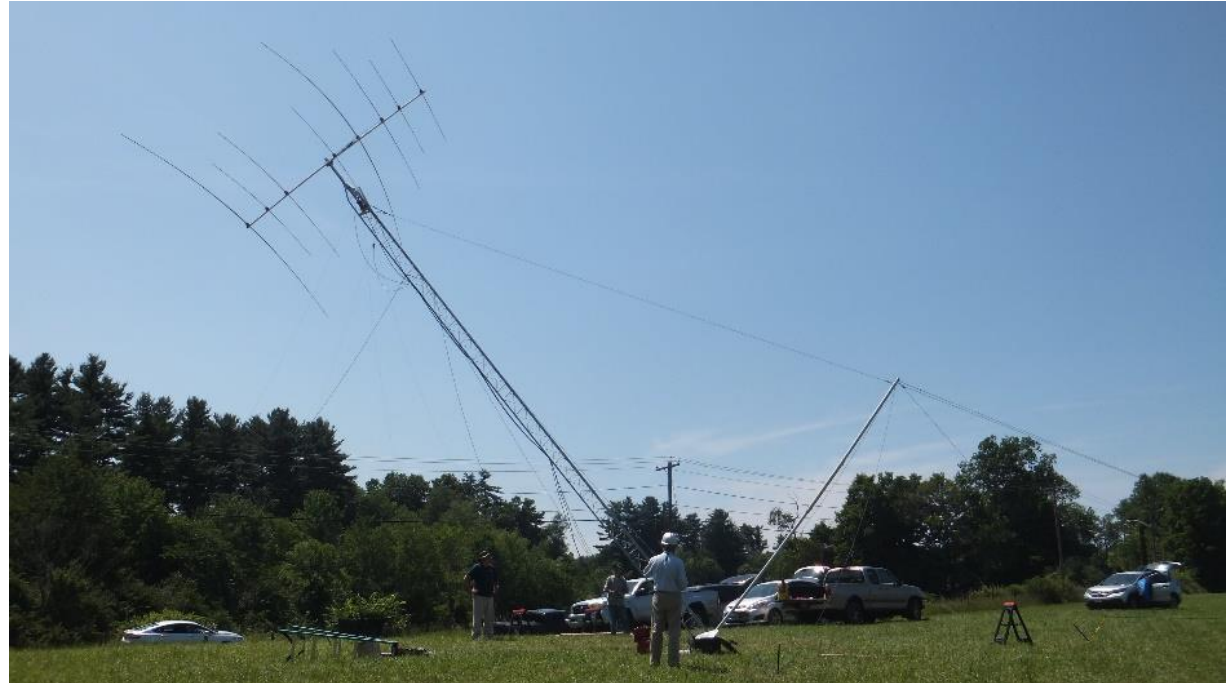
Helping visitors with transportation and contest preparation

Site managers and hosts

Site build and tear down

Many different skill sets needed!

Make great friendships and special memories at a unique international event in the UK.

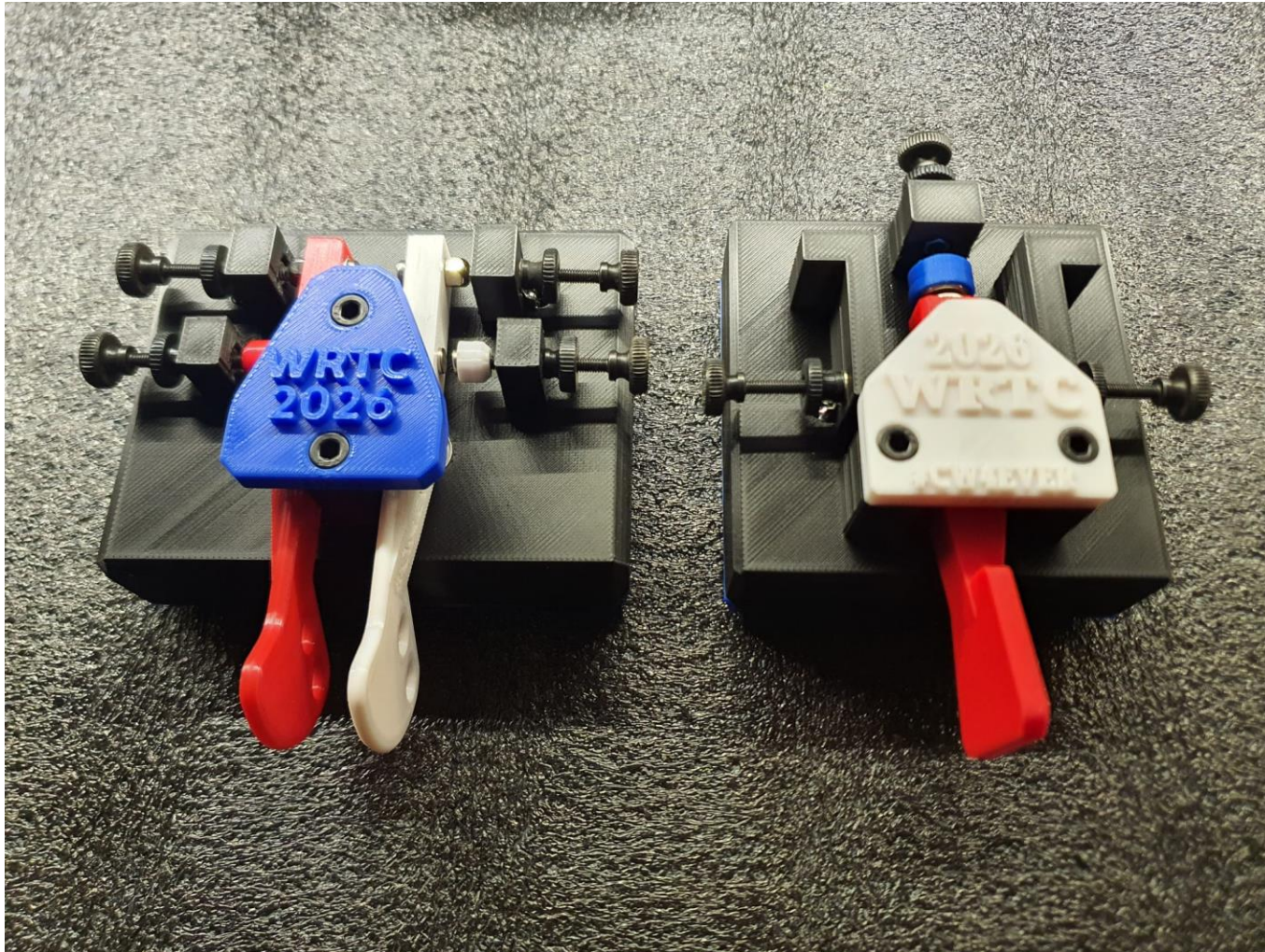


WRTC Fundraising

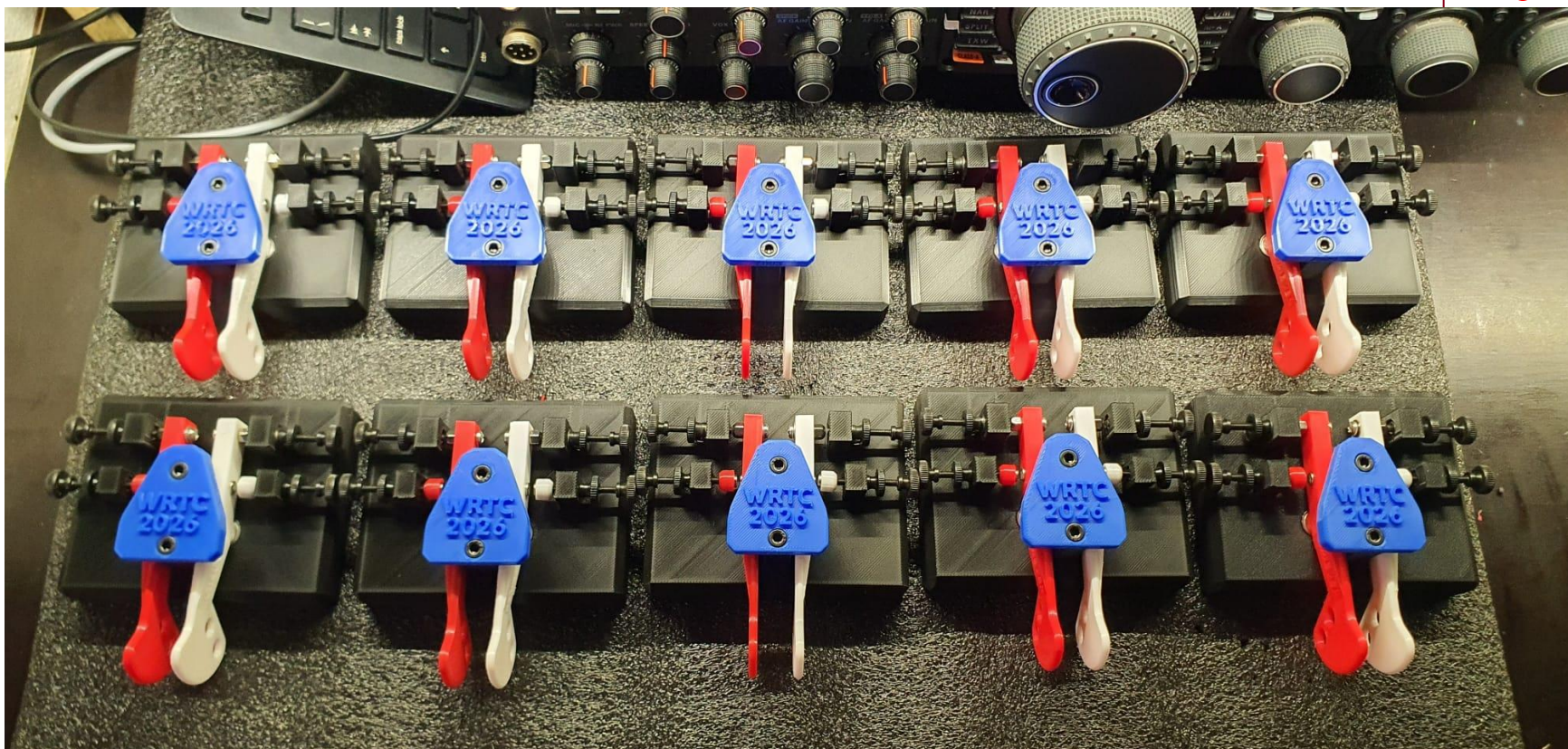


- Corporate Sponsors
- Radio Clubs/Organisations
- Individual sponsors
- Sponsored teams (min. qty. 2)
- Tent sponsors
- Raffles
- Auctions
- Hardware at the end

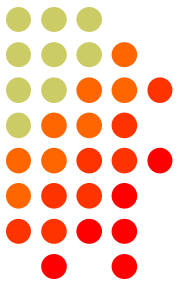
WRTC Mose Keys



WRTC Morse Keys



WRTC Supporter Coin Programme



Bronze Coin: Min £100
donation in 2023/4

Silver Coin: Min £100
donation in 2025

Gold Coin: Min £100
donation in 2026





Don't delay! Get involved!

Plan your own road to WRTC!

- Team Leader
- Team Mate
- Referee
- Volunteer
- Sponsor
- Spectator

Find out more...



www.wrtc2026.org

info@wrtc2026.org

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