

# **WRTC 2018 - Germany**

**TEAM CANADA EAST – NA 07  
JEFF VY2ZM & PAT KK6ZM**

**JULY 2018**

# **SOME WRTC HISTORY**

- **Established in 1990 to determine the best operators in the world operating from a level playing field.**
- **1990 First WRTC held in Seattle**
- **1996 2<sup>nd</sup> WRTC held in SFO Bay Area**
- **2000 3<sup>rd</sup> WRTC held in Bled, Slovenia**
- **2002 4<sup>th</sup> WRTC held in Helsinki, Finland**
- **2006 5<sup>th</sup> WRTC held in SC, Brazil**
- **2010 6<sup>th</sup> WRTC held in Moscow, Russia**

# **HOW A WRTC IS CONDUCTED**

- **2 Person teams operate with identical antennas from equivalent locations**
- **Ops bring own equipment and operate for a 24 hour period (usually IARU)**
- **Groundrules set by WRTC host country**
- **A “referee” monitors all operations**
- **The format has evolved since 1990**
- **Today, teams qualify over a 2-3 year period – just as in Olympic competition**

# **Previous WRTC Winners**

**1990 USA – K1AR/K1DG**

**1996 USA – N5TJ/K1TO**

**2000 USA – N5TJ/K1TO**

**2002 USA – N5TJ/K1TO**

**2006 CANADA – VE3EJ/VE7ZO**

**2010 RUSSIA – RW1AC/RA1AIP**

**2014 USA – N6MJ/KL9A**

**2018 LITHUANIA – LY9A/LY4L**

# **WRTC COMPETITION CLASSES**

- **Mixed Mode – CW/SSB Combined Score**
- **CW Only – Total CW Qso's – 35% of total qso's must be made on SSB mode**
- **SSB Only – Total SSB Qso's – 35% of total qso's must be made on CW mode**
- **Additional awards are made for highest multipliers in the competition and for the lowest error rate in competitor logs**

# **Team NA 07 - Canada East VY2ZM/KK6ZM Entered SSB Only**

- **VY2ZM Qualified as Team Captain for NA-07**
- **I selected my son KK6ZM as my WRTC partner**
- **Pat is a USA Extra Class Licensee but never had to sit for an FCC 20wpm CW examination**
- **The Mixed Mode Entry Class relies on EXCEPTIONAL CW skills to place well**

# **Our Site Was JBG-3 Juterbog/Grid JO61MX**

- **Our Site Manager was DK200 Reiner**
- **Site was drawn by random lottery**
- **Operations were in a tent with generator power**
- **Antennas were a spider beam 40-10**
- **Our 80/75m antenna was an inv vee**
- **Shorting clips moved the antenna from CW to SSB mode**
- **Our Referee was Roberto CE3CT**

# **Our Operating Strategy – Make Qso's !!**

- **DXCC multipliers and IARU HQ Mults not really important to our entry class**
- **Chasing elusive 10m openings not an issue for us either**
- **Managing the mix of 35% of Total Qso's being made on CW mode critical!**
- **(We almost blew it but ended at 37.5%)**
- **Pat started on 20m – I started on 40m**
- **Our 1<sup>st</sup> CW qso's not made until 7<sup>th</sup> hour**

## **Some Highlights**

- **Rates were 200+ until around 0100 local**
- **20m closed/40m went long/from 0100-0330 local, only 75m SSB was useful**
- **Only CW mode on 40m worked for me – Pat did the best he could on 75 phone**
- **IT GOT REALLY COLD FROM 0300-0500 local – we had to put on warm clothes**
- **Seeing the sun rise at 0530 local was a very welcome sight**

## **A Few Statistics**

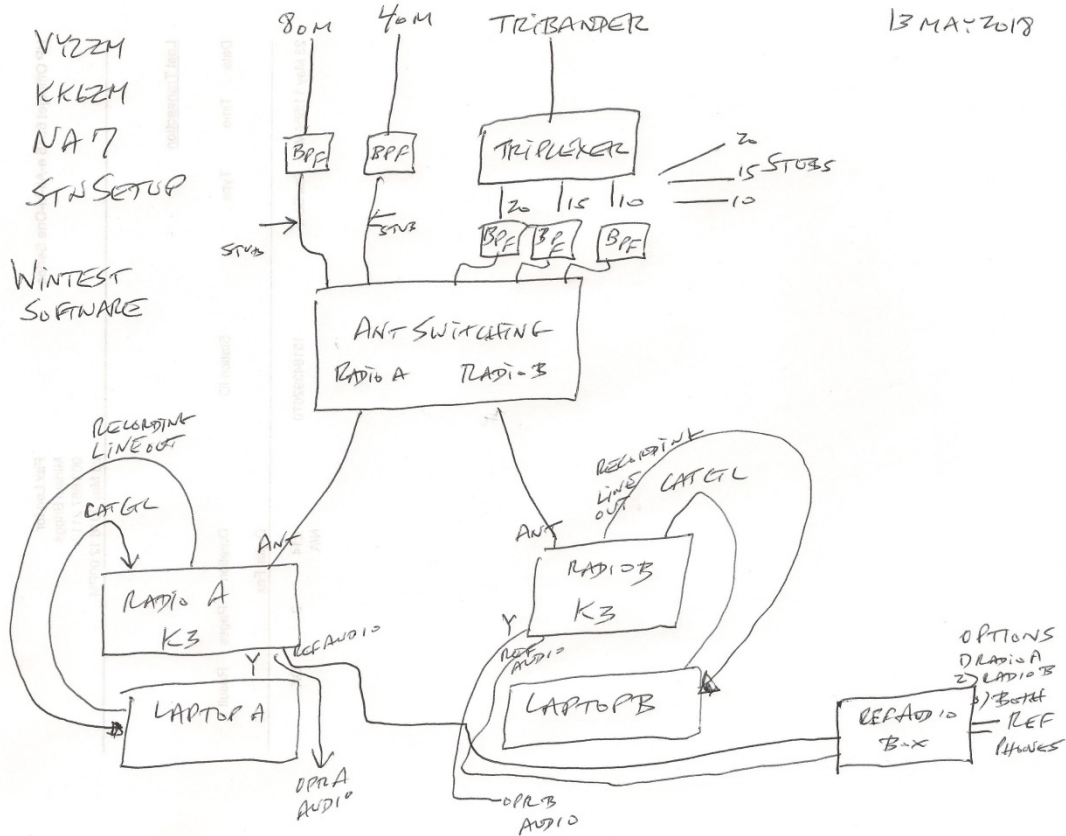
- **We made 3,625 total qso's**
- **2,267 were on SSB mode**
- **This bested the mixed mode teams by 750 qso's**
- **We beat the 2014 WRTC SSB winners by more than 200 SSB qso's**
- **(This was the highest-ever SSB total made to date at a WRTC event)**
- **Our average hourly rate was 151 for 24 hours**

# **A Few Notable Facts**

- **KK6ZM and VY2ZM were a unique father/son team at a WRTC competition**
- **Previous family teams were K5GO/N5DX at WRTC Moscow**
- **Also ZL3IO (father) and ZL4YL (daughter) at WRTC 2018/Germany**
- **We created special “Team ZM – PEI Canada” teeshirts for Jeff/Pat/Xyl Miriam VY2HH/Daughter Lucy & Rich**
- **We wore these proudly at all events**

## **So When is the Next WRTC?**

- **WRTC 2022 will be held in Italy in the Emilia – Romagna region (Bologna)**
- **It will be conducted by ARI Italy**
- **The 1<sup>st</sup> Qualifying Event will be the ARRL CW Dx Competition in Feb 2019**
- **Having “retired” I hope to apply to be a referee – or – if not selected, I plan to go merely as a spectator- just to have fun, drink beer, and enjoy myself with no pressure! A real family vacation!**



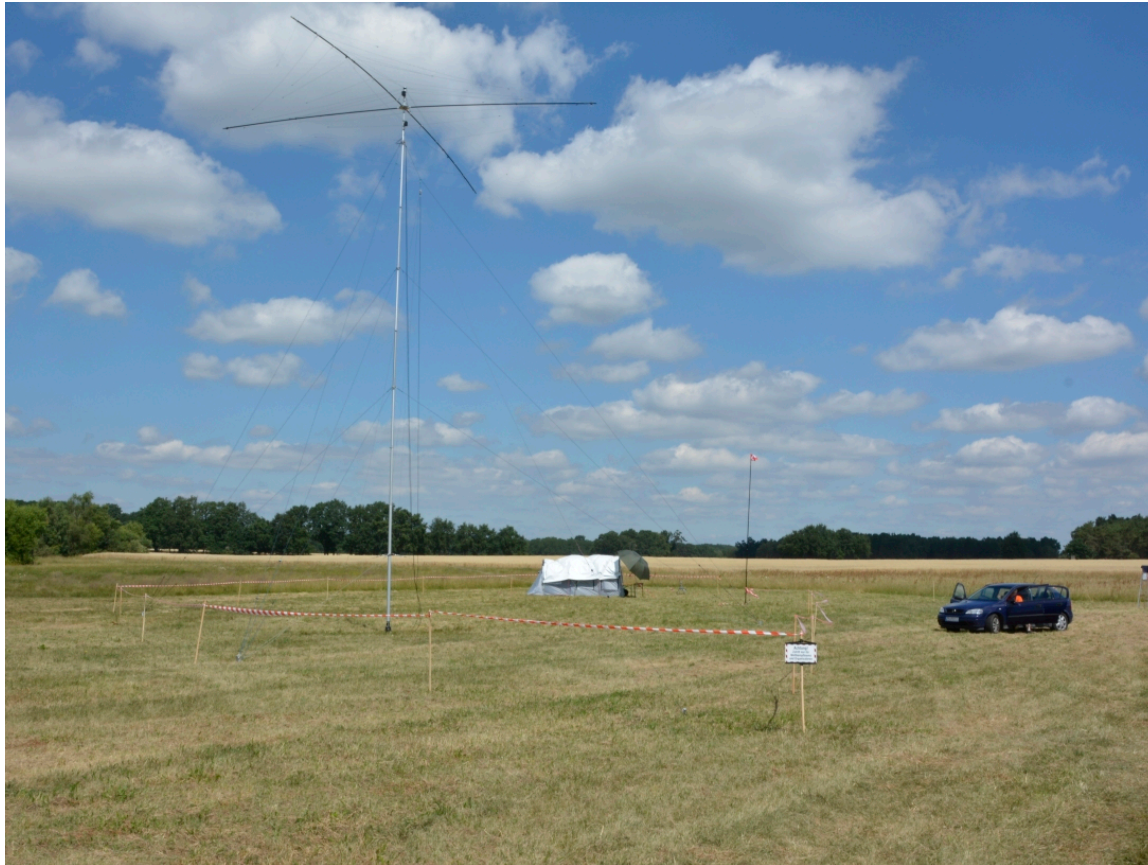
## NA-07 Required Station Plan



## **Our Team at Y87B – JBG-3**



**Operating Tent & VE Flag**



**Our Spider Beam Antenna**



**VY2ZM Side of Op Position**



**Y87B is on the air!**



## **Preparing Log for Submission**



**VY2ZM – CE3CT – KK6ZM**



**Sunset Over Y87B Sat Night**



**Team Y87B with SSB Awards**



**A Closeup of our SSB Award**

# **Looking Ahead to WRTC 2022**

- **Qualifying begins February 2019**
- **There will likely be two Canadian teams**
- **One Captain will LIKELY be from Canada East which is usually VO VY2 VE1 VE2 VE9 VE3**
- **The other Captain will LIKELY be from Canada West which is usually VE4 VE5 VE6 VE7 VE8**
- **There are wild card and sponsored teams**
- **Probably there will be over 60 teams in all**

- **Thanks for coming  
and hope to see you  
at WRTC 2022 in  
Italy!**
- **73 de Jeff VY2ZM**