



R39D



WRTC-2010

Moscow, Russia



Tine, S50A



Robert, S57AW





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QUALIFICATION PROCESS



**EU Area #4
(difficult group)**

**5 teams from
UR, EW, ER, LZ,
SV's, YO, YU, S5, 9A, ZA,
Z3, E7, 40**



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Slovenian Team SCC Members

**Tine - S50A Team leader
(participated in ALL WRTCs)**

**Robert - S57AW Team member
(WRTC 96 and 2000)**

**Leo - S50R Referee
(WRTC 96, 2000, 2002)**



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PREPARATIONS

May - July 2010

**Technical solution agreed with S58A
(triplexer, controller, 2 x filters bandpass, decoders,
TX lock-out)**

**Radios - FT1000MP (smaller not available)
WRITELOG - both ops are using it**

**Everything tested and ready just few days before
departure**



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On site pre-contest problems

Murphy lives in Russia, too ☺

- **controll unit did not work (our mistake with cables etc.)**
- **bad connectors for audio recording**
- **broken el. keyer**

EVERYTHING READY AN HOUR BEFORE THE CONTEST



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Contest strategy and tactics

STRATEGY PROBABLY VERY SIMILAR FOR ALL COMPETITORS

TRY TO DO THE BEST & WIN:-)

OUR TACTICS WAS VERY SIMPLE

- **both operators were equal**
- **each team member decides by himself (CQ-ing, S/P, mode, band...)**
- **no audio connections between operators**
- **no priority switch – just first one win**



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Lessons learned

- more precontest preparations
- more dualling CQ
- more move of multipliers
- less time consuming calls to worked HQ
- calculation of % QSOs by mode
- ...



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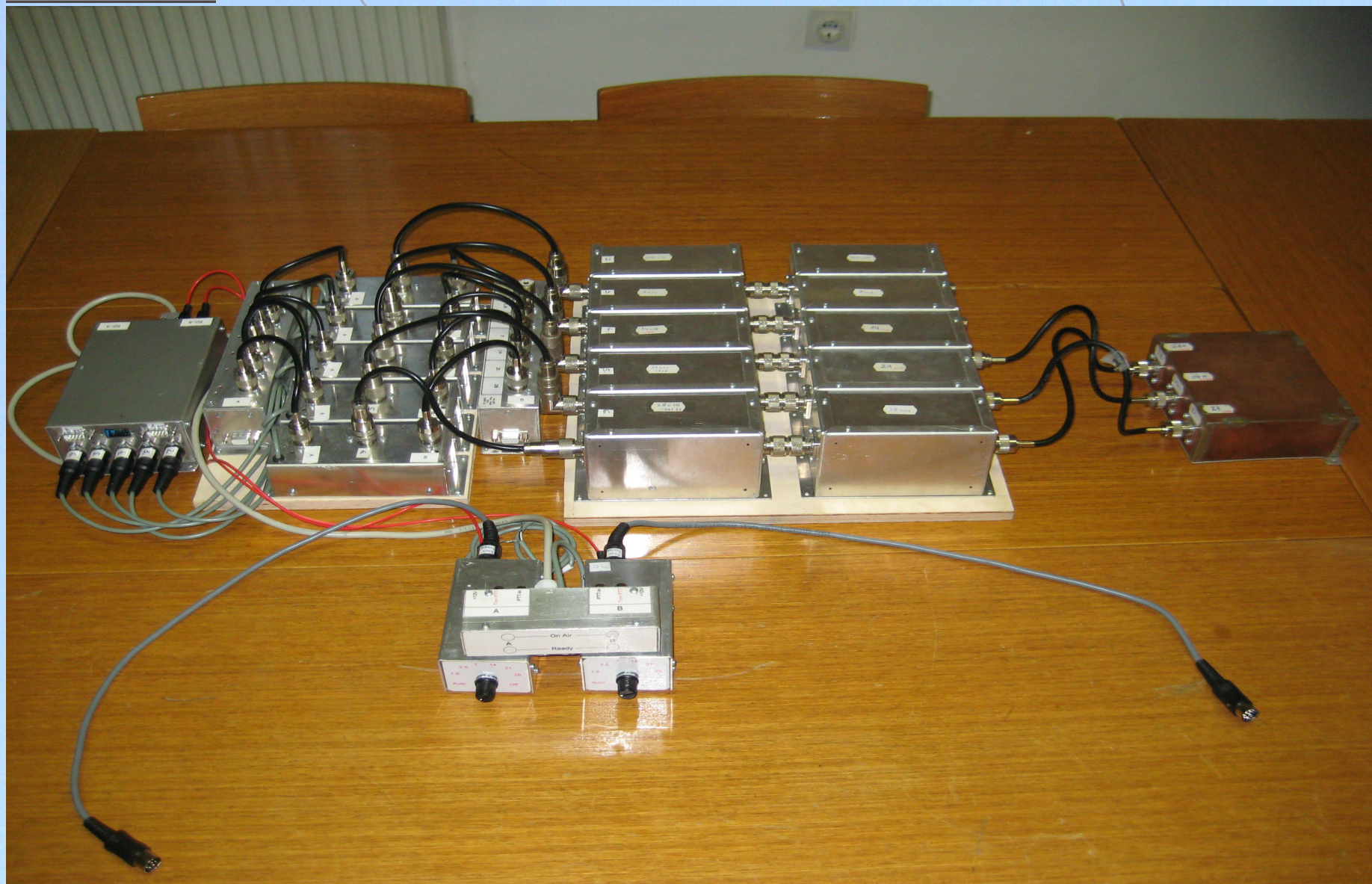


STATION SETUP

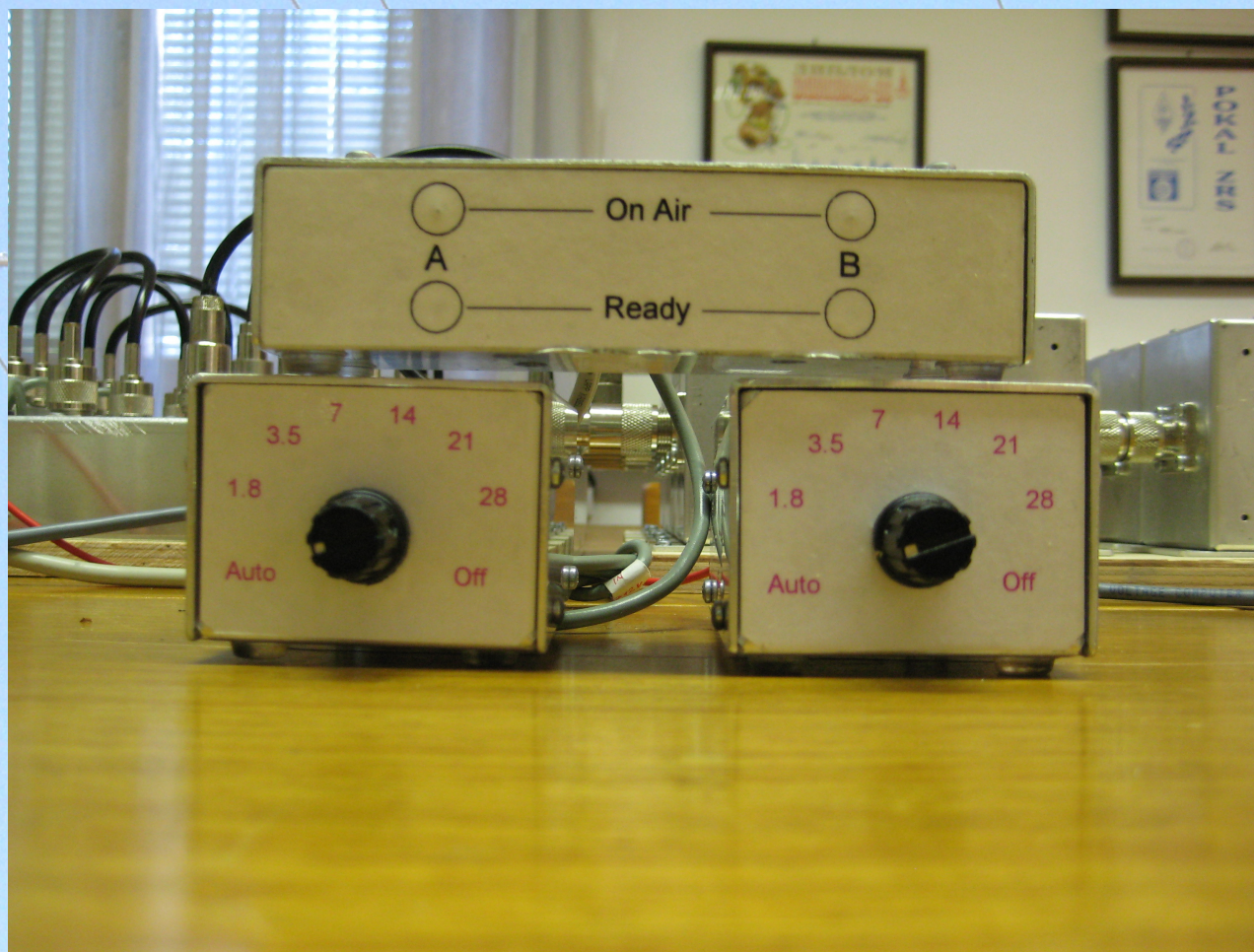
- 2 x Yaesu FT1000MP Mark V Field (key click mods, Inrad roofing filters)
- SWITCHING, FILTERING ... all "home made" by Boris S58A
- 2 x band decoder (auto / manual switch)
- 2 x set "bandpass filters" in series (80 – 10m)
- interlock (firs one win logic with the led control)
- triplexer
- 2 x laptop
- Writelog 10.77h (troubles)
- 2 x USB keying / CAT - (1 x RigExert Tinny, 1 x home made – problems)
- Both operators controlled and listened jut to own radio
- Audio Recorder: RECALL
- 2 x footswitch



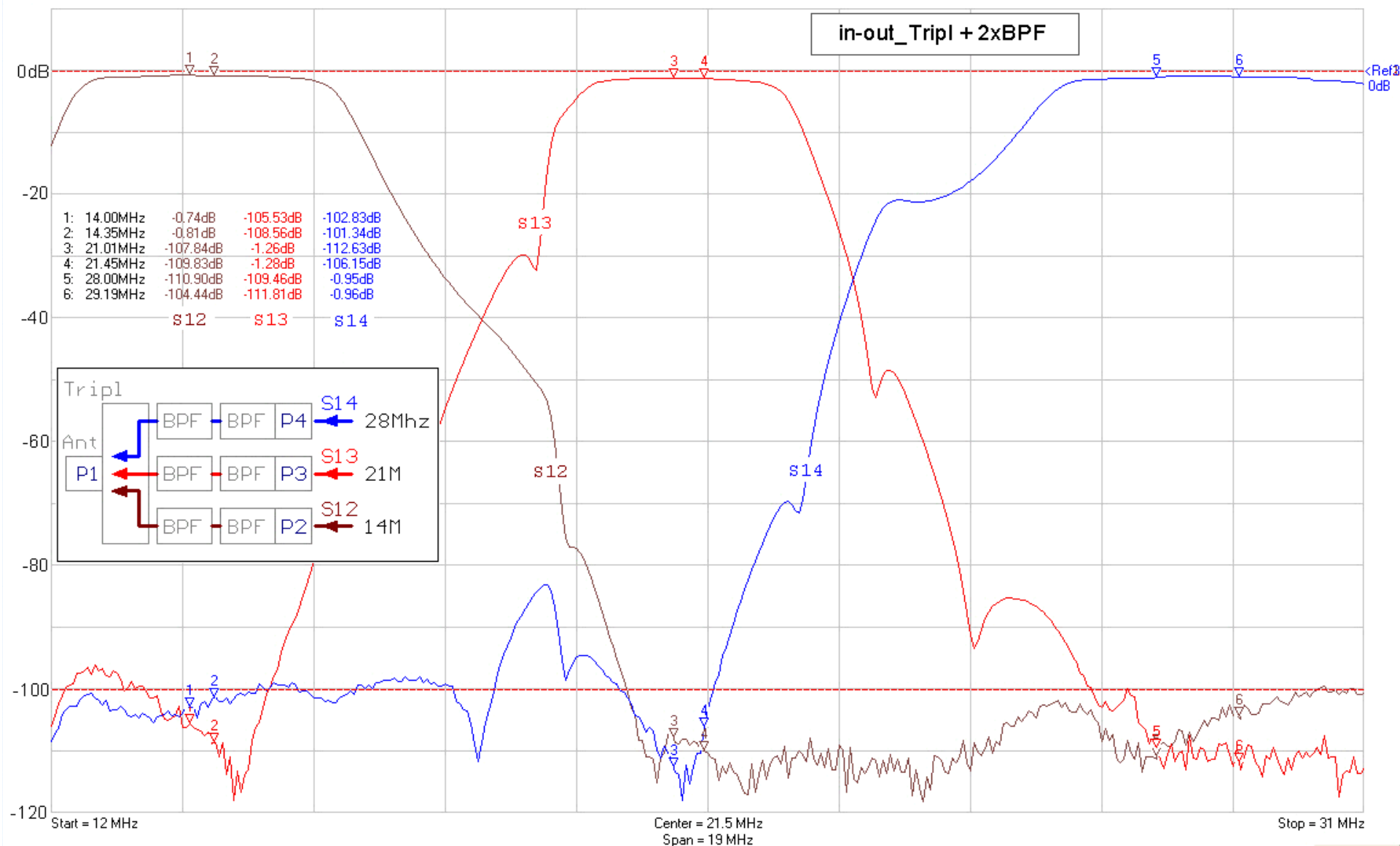
R39D Final version



Band decoder & lockout



in-out Triplexer + 2xBPF





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On-site preparation



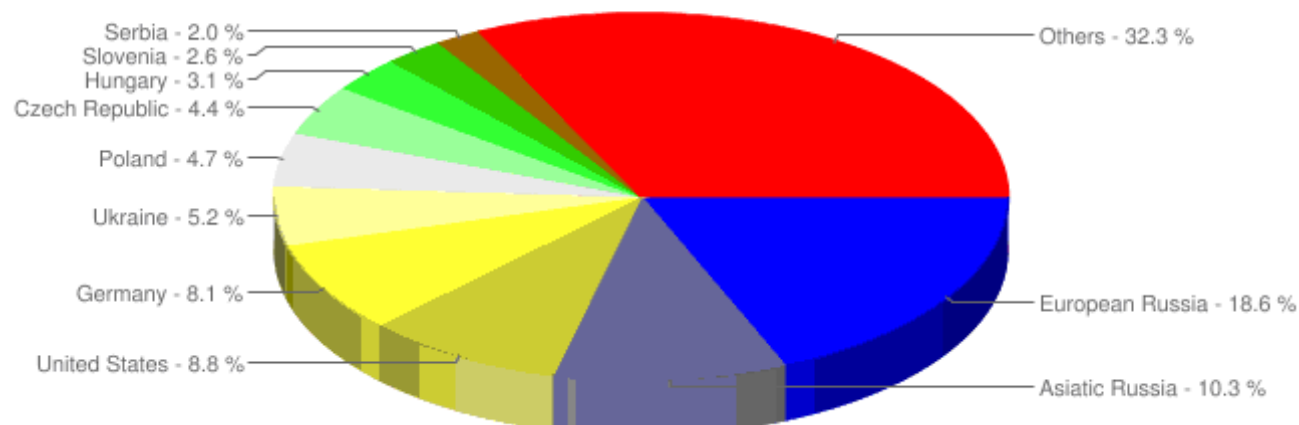
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LOG STATISTICS

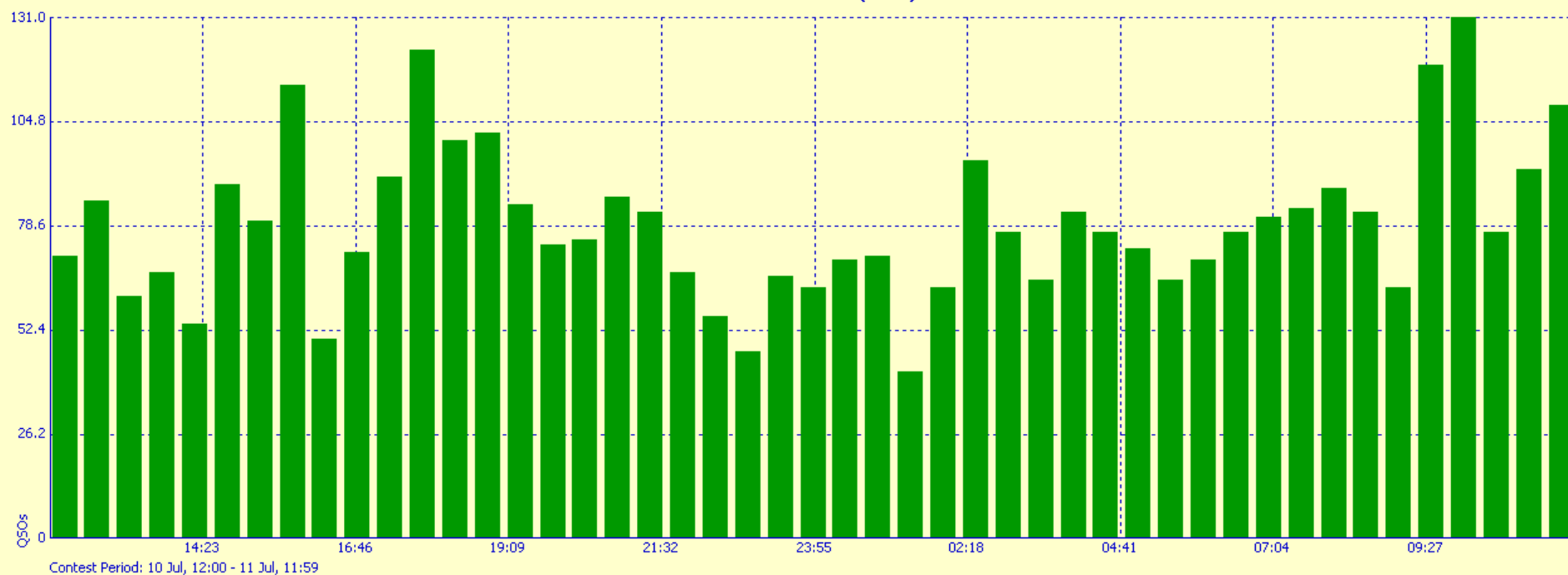
Band	Time	CW		SSB		All		DXCC
		<u>QSOs</u>	%	<u>QSOs</u>	%	<u>QSOs</u>	%	
80m	02:17	388	10.2	83	2.2	471	12.4	38
40m	02:30	511	13.5	118	3.1	629	16.6	61
20m	07:35	939	24.7	779	20.5	1718	45.3	77
15m	01:40	506	13.3	269	7.1	775	20.4	60
10m	00:37	157	4.1	46	1.2	203	5.3	26
All	14:39	2501	65.9	1295	34.1	3796	100.0	89

Continent	<u>QSOs</u>						
	80	40	20	15	10	All	%
Africa		2	9	13		24	0.6
Asia	37	88	187	126	55	493	13.0
Europe	434	521	1146	612	148	2861	75.4
North America		12	360	8		380	10.0
Oceania			4			4	0.1
South America		6	12	16		34	0.9

2010 IARU-HF R39D - Top 10 Countries



IARU-HF contest 2010 (R39D)





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(S50A & S57AW)

Referee – Jacky Calvo , ZL3CW

Final Score

3.907.540 points

4th place

Log checking report	Qs	%
QSO not found	14	0.37 %
Dupe (PROBLEMS WITH WL SYNC)	180	4.74 %
Your exchange number logged incorrectly	6	0.17 %
You logged exchange number incorrectly	28	0.77 %
Unique <u>callsign</u>	74	2.05 %
Your <u>callsign</u> logged incorrectly	11	0.30 %
You logged <u>callsign</u> incorrectly	10	0.28 %
Qs counted (but no log)	1587	43.89 %
Qs counted	1886	52.16 %



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WRTC2010.wl - WriteLog

File Edit View Entry Radio Bands Setup Tools Contest Window Help

Score: 4,177,600

QSO	Pts	DX	HQ	Iaru	
80M CW	381	936	30	25	0
40M CW	479	1377	45	23	0
20M CW	901	3388	33	10	0
15M CW	484	1517	36	15	0
10M CW	155	446	14	16	0
80M PH	83	171	2	1	0
40M PH	115	292	8	11	0
20M PH	746	2266	38	28	0
15M PH	226	675	18	14	0
10M PH	46	132	4	2	0
Total	3616	11200	228	145	0

80M CW Mult OK. Need station!
 40M CW Mult OK. Need station!
 20M CW Mult OK. Need station!
 15M CW Mult OK. Need station!
 10M CW Mult OK. Need station!
 80M PH Mult OK. Need station!
 40M PH Mult OK. Need station!
 20M PH Mult OK. Need station!
 15M PH Mult OK. Need station!
 10M PH Mult OK. Need station!

STN	R	MODE	TX	RX
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Bearing

Direction 0

Distance 0

Reverse Bearing 0

LP Direction 0

Sunrise

Sunset

Radio

3500 kHz CW

SEQ CALL RST ZONE COUNTRY C

----- 599 -----

☐ Show old skeds ☒ show all bands

SEQ	DATE	TIME	FREQ	CALL	SNT	RST	ZONE	P	ML	COUNTRY	C	PREF	r	NETW	OPERATOR	m
3590D	2010-07-11	1100	21324	R37L	59	59	29	2		European Russi	UA	1	A		1	
3596D		1101	21324	OM7KW	59	59	28	3		Slovakia	OM	1	A		1	
3599D		1104	21324	403A	59	59	28	3		Montenegro	40	1	A		1	
3600D		1107	21320	RK9JWV	59	59	21	5		Asiatic Russia	UA9	1	A		1	
3601D		1107	21320	SM2EKM	59	59	18	3		Sweden	SM	1	A		1	
3624D		1107	21320	UA1AFT	59	59	29	2		European Russi	UA	1	A		1	
3627D		1107	21320	R36Z	59	59	29			EuropeanRussi		1	A		1	
3628D		1108	21320	SP6DVP	59	59	28	3		Poland	SP	1	A		1	
3631D		1108	21320	SM3EVR	59	59	18	3		Sweden	SM	1	A		1	
3633D		1109	21320	SQ4OLP	59	59	28	3		Poland	SP	1	A		1	
3635D		1109	21320	SP9IVQ	59	59	28	3		Poland	SP	1	A		1	
3637D		1110	21320	RU3FN	59	59	29	2		European Russi	UA	1	A		1	
3641D		1110	21320	DL12AX	59	59	28	3		Germany	DL	1	A		1	
3642D		1110	21320	RW2CW	59	59	29	2		European Russi	UA	1	A		1	
3643D		1111	21320	R39A	59	59	29	2		European Russi	UA	1	A		1	
3646D		1111	21320	RK8I	59	59	31	5		Asiatic Russia	UA9	1	A		1	
3647D		1112	21320	SQ9DXN	59	59	28	3		Poland	SP	1	A		1	
3648D		1113	21320	OZ1ACB	59	59	18	3		Denmark	OZ	1	A		1	

WriteLog for Windows R39D 30 WPM WRTC 2010 Participant



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ACKNOWLEDGEMENTS

Thanks to the following for technical help during WRTC preparation:

- Boris, S58A
- Kristjan, S50XX
- Marko, S50K
- Franc, S59AA

and to Jacky, ZL3CW being awake with us as referee

Congratulations to the winners & TNX to our Russian friends for their hard work in making WRTC 2010 possible!

**73's from Slovenia
The Sunny Side Of The Alps**

