

S51FB, S51ML, S52AA, S53WW

IARU R1 VHF Contest

Podolgem in počez od 2007 do 2014

Far and wide from 2007 to 2014

RIS 2015

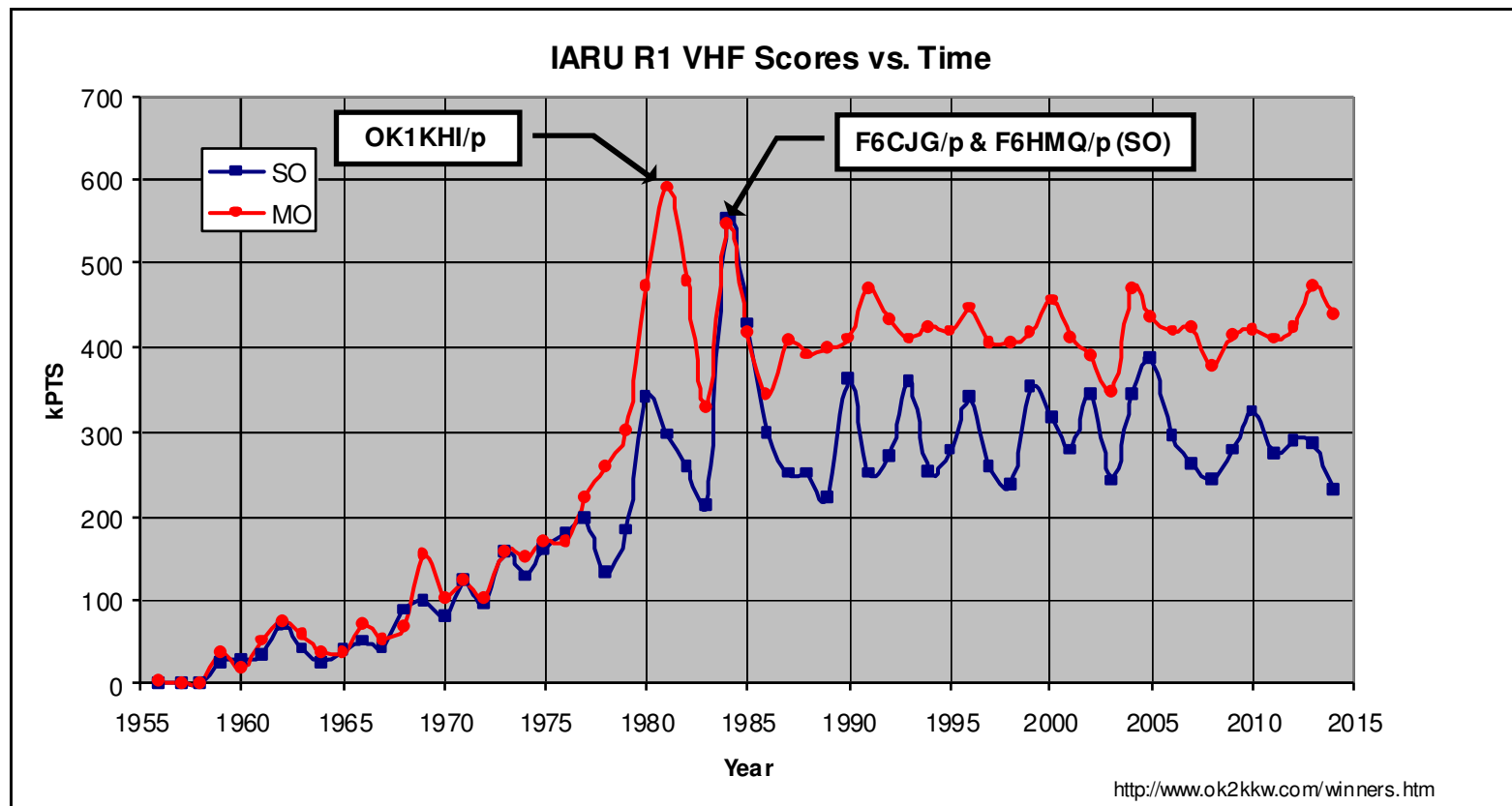
Ljubljana

31.01.2015



■ Kratka zgodovina

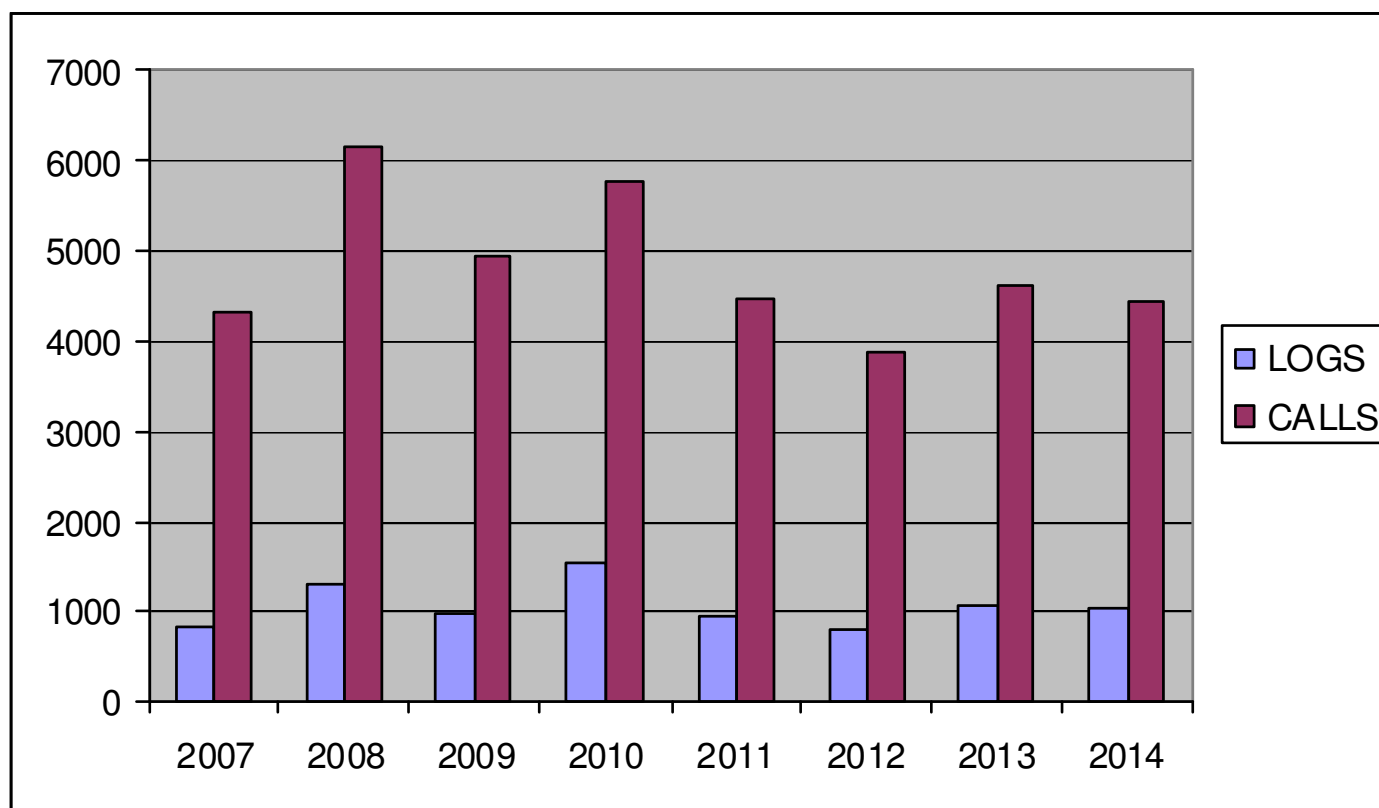
- Prvo tekmovanje leta 1956
- Rekordno število točk: OK1KHI/p, 1981, 591k PTS
- Rekordno število zvez: DL0GTH, 2006, 1245 QSO
- Edini S5 (ex YU) zmagovalec: YU3APR/p, 1960, 28k



■ “Surovinska baza” za analizo

– Podatki iz zadnjih osmih zaporednih let (SLOVHF MANAGER, IARU.OEVSV.AT, S55M, 9A2HM, DL5NAH)

	2007	2008	2009	2010	2011	2012	2013	2014
LOGS	824	1311	976	1516	945	803	1080	1050
CALLS	4319	6147	4942	5789	4453	3883	4613	4437
QSOs	134724	174133	145169	177847	146486	130875	136186	146470

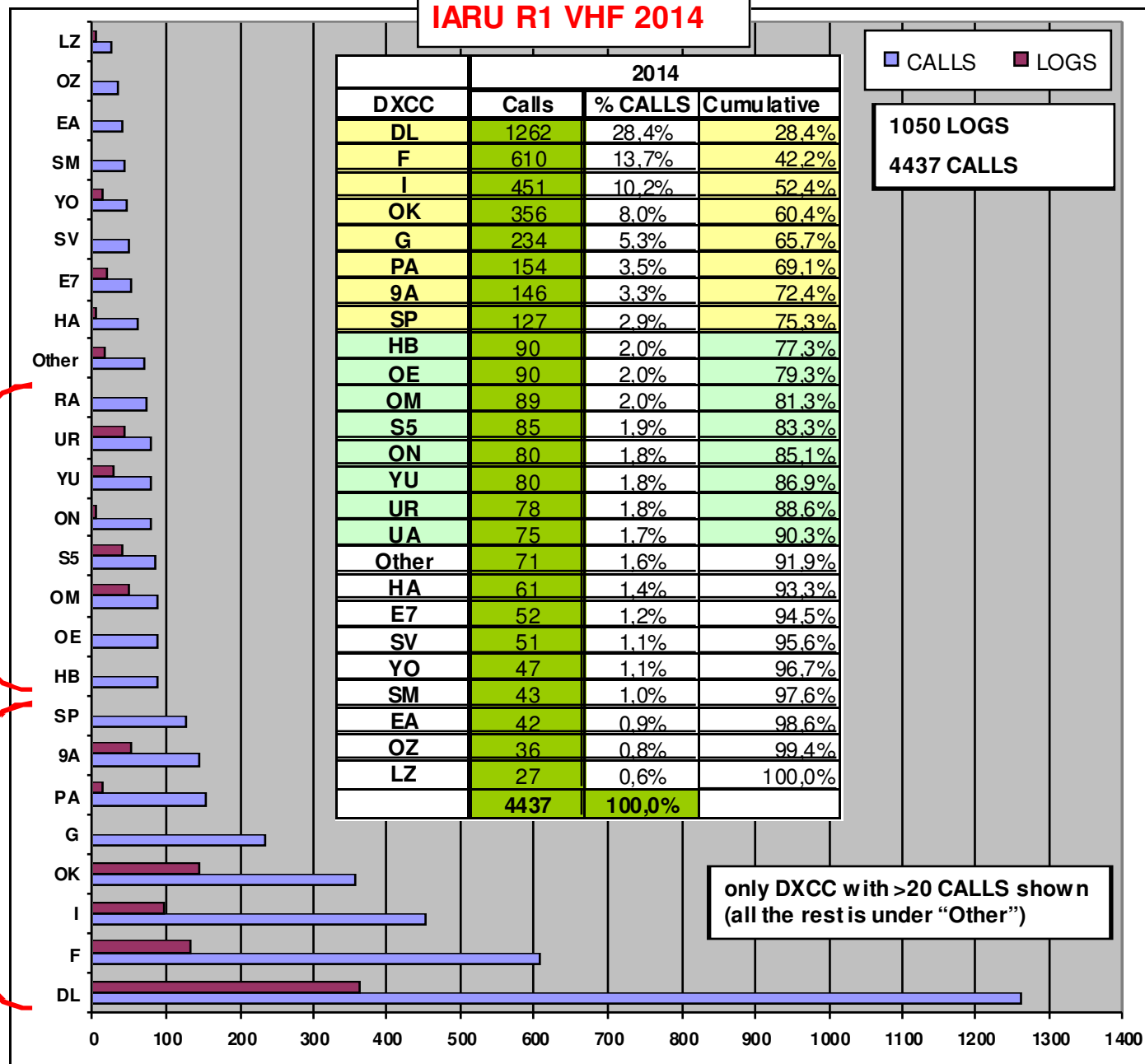


■ Kje so vse te postaje?

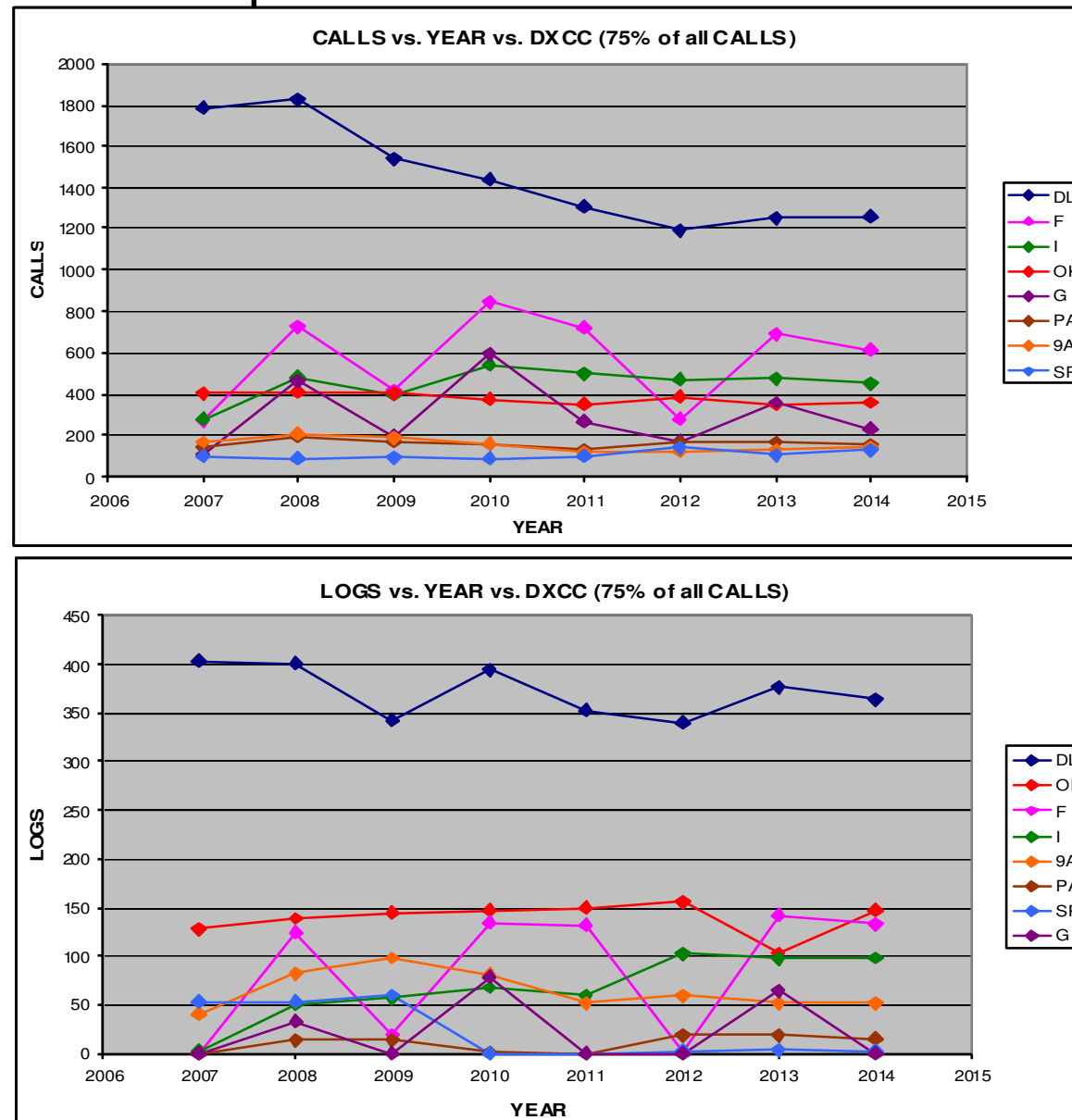
+15% of all CALLS

75% of all CALLS from 8 DXCC

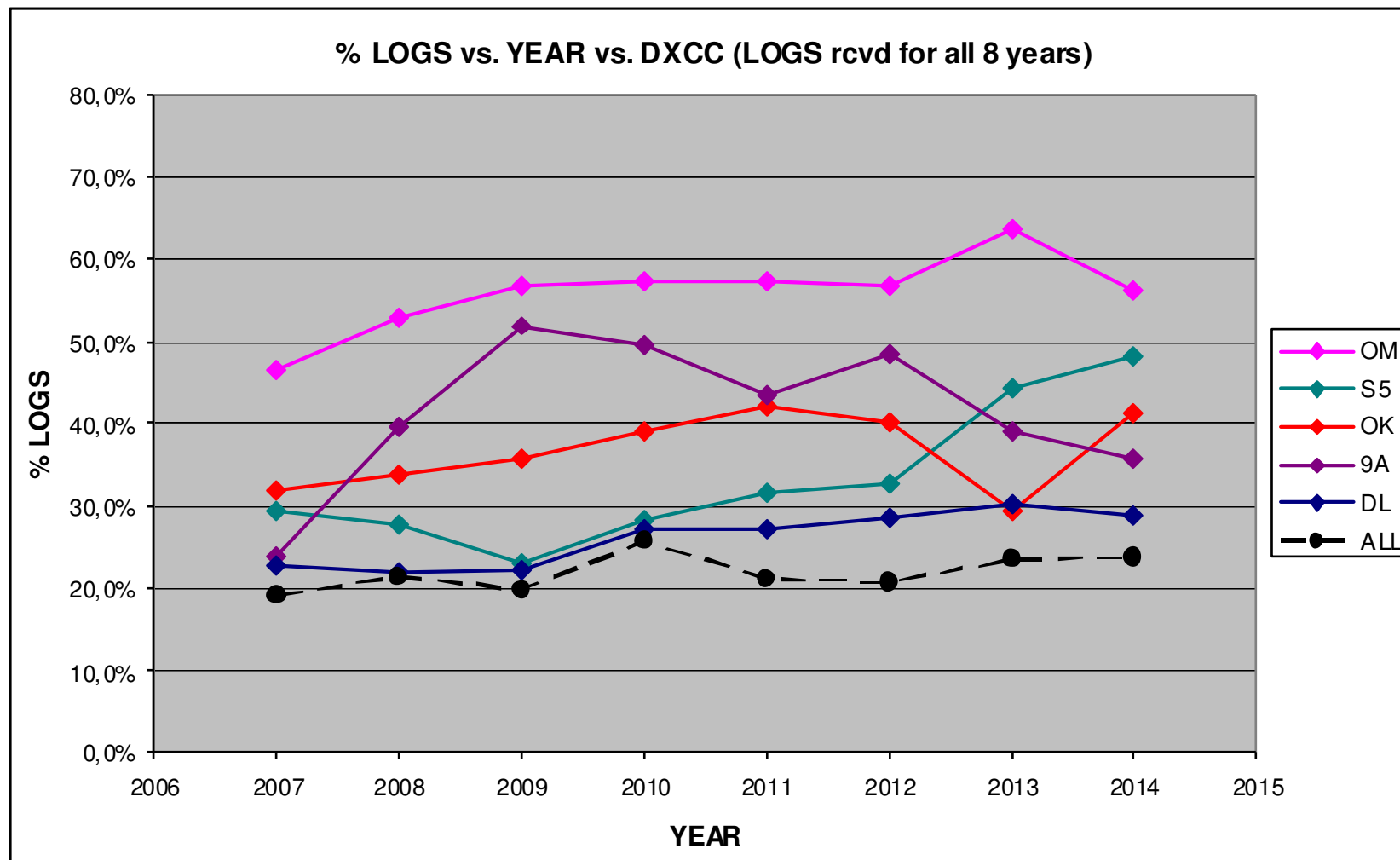
IARU R1 VHF 2014



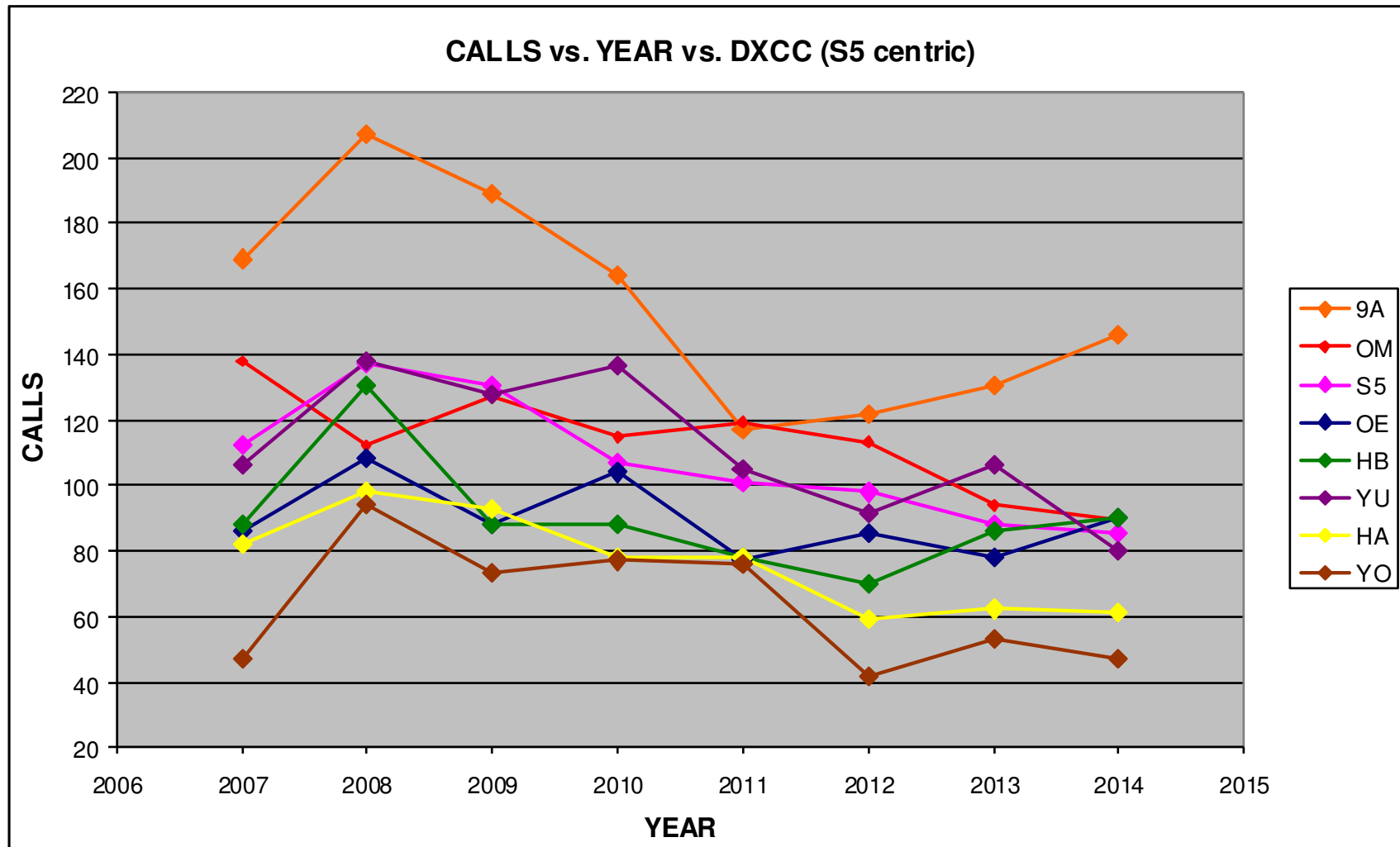
■ Ali res aktivnost upada?



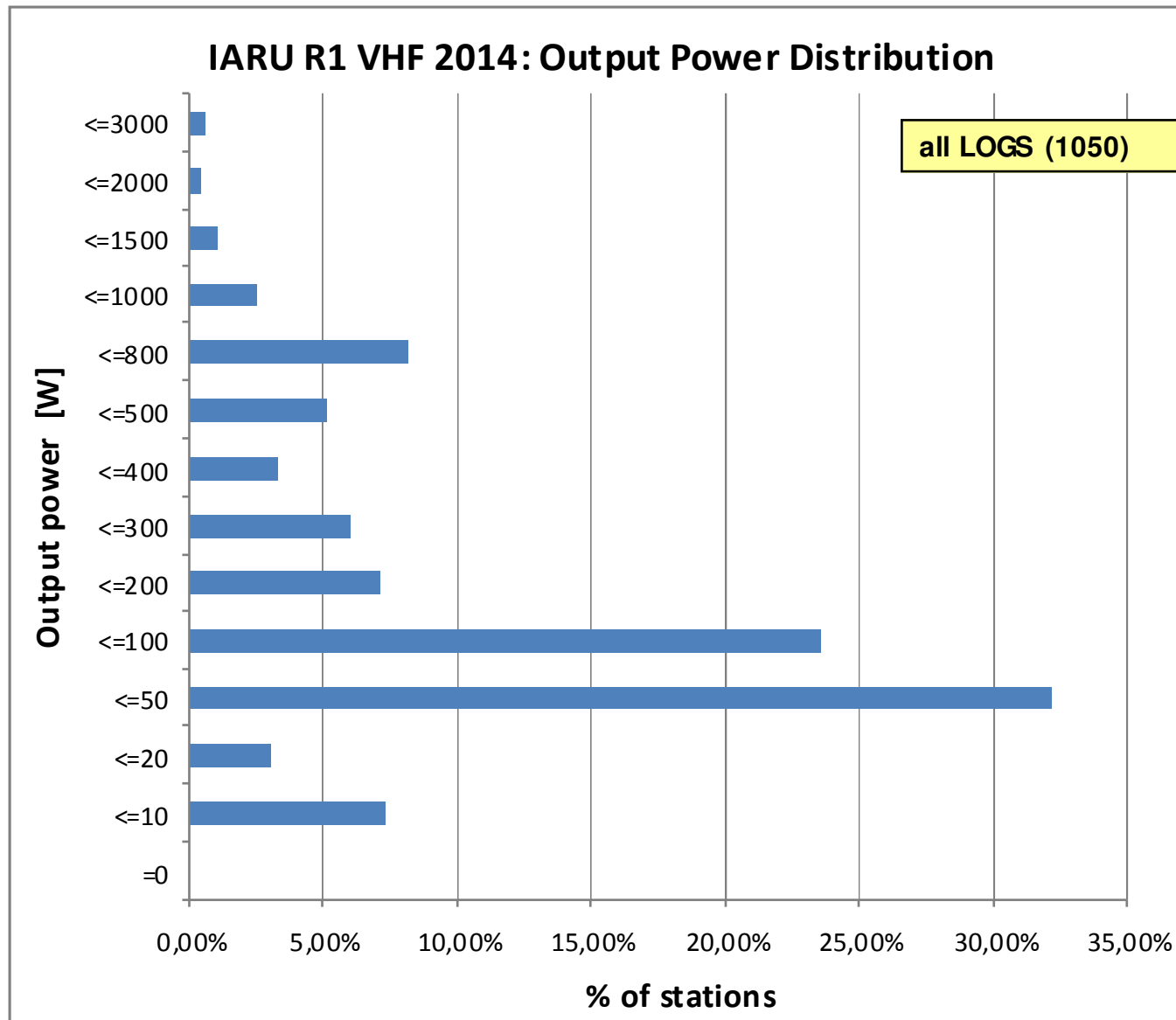
■ Kdo je vseh zadnjih 8 let pošiljal loge?



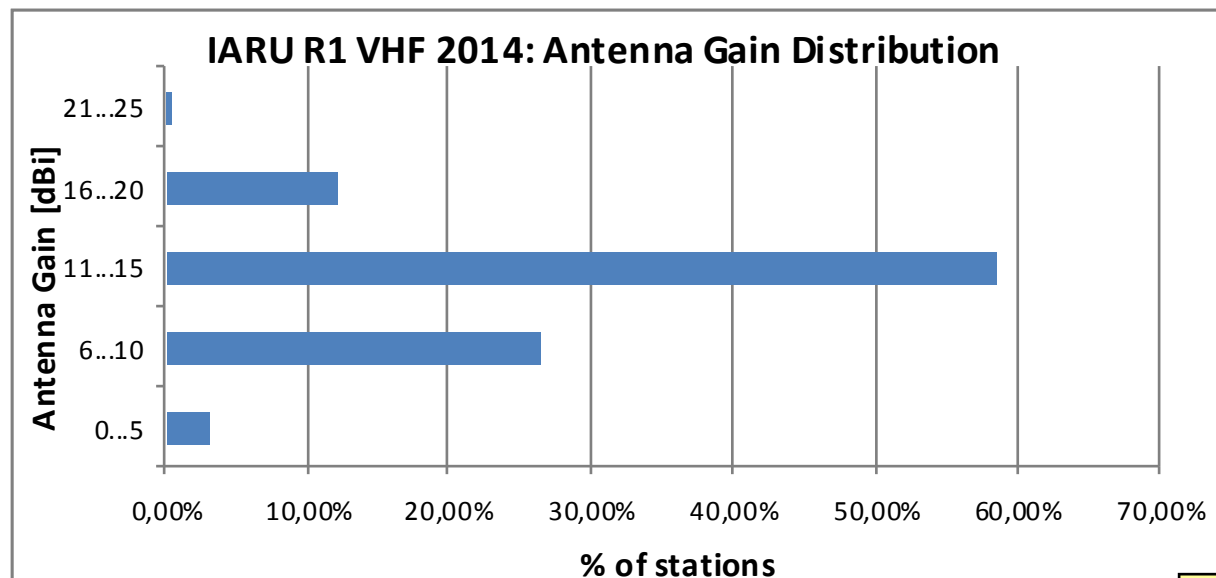
■ Ali res aktivnost upada – preostale države okoli S5?



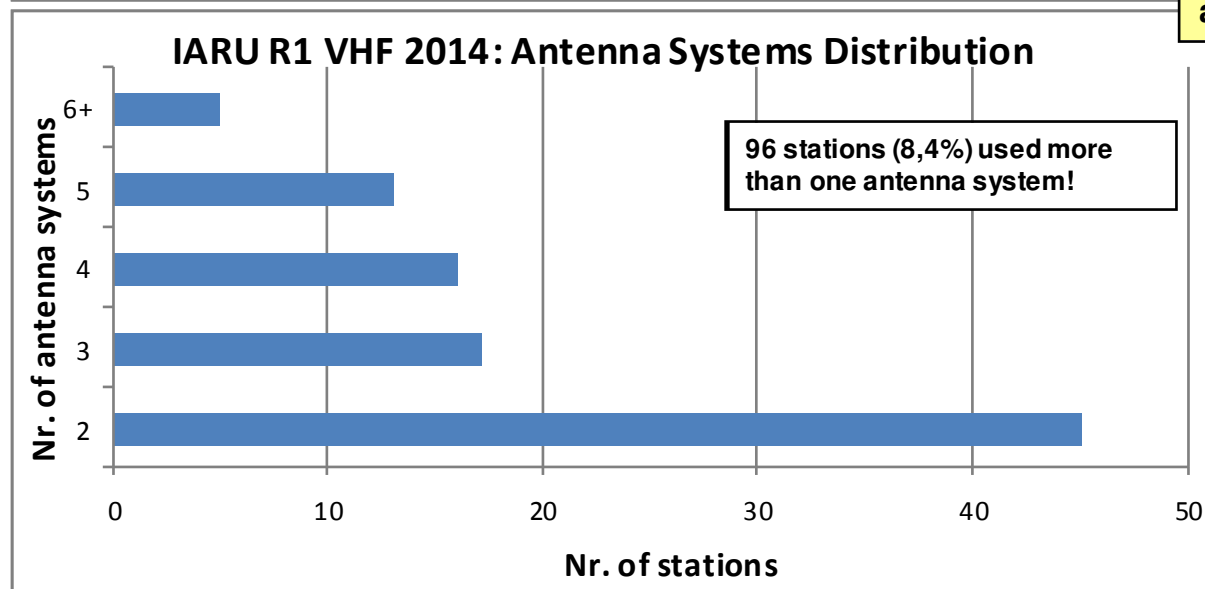
■ W ali kW?



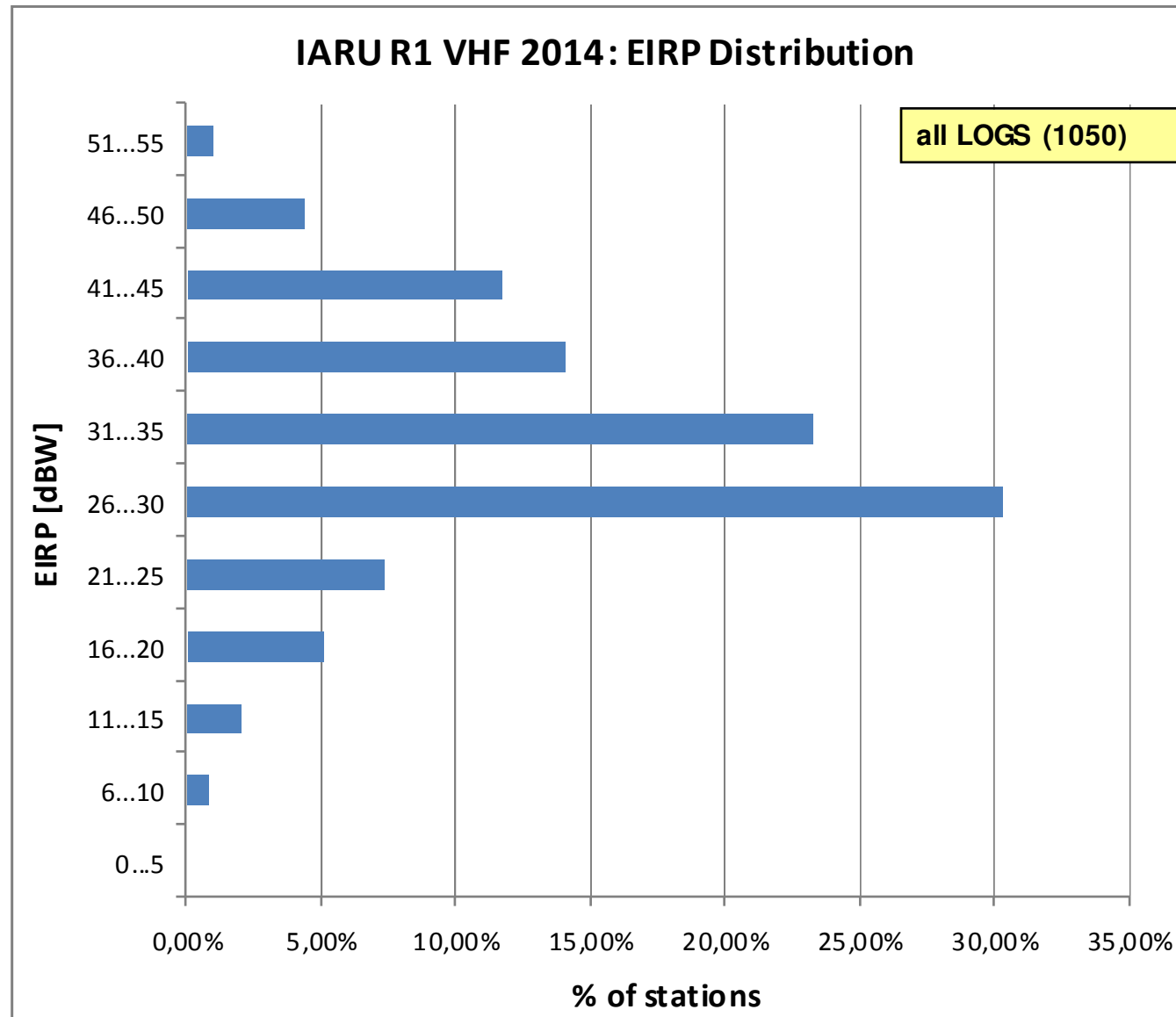
■ GP ali 16x 18el. yagi?



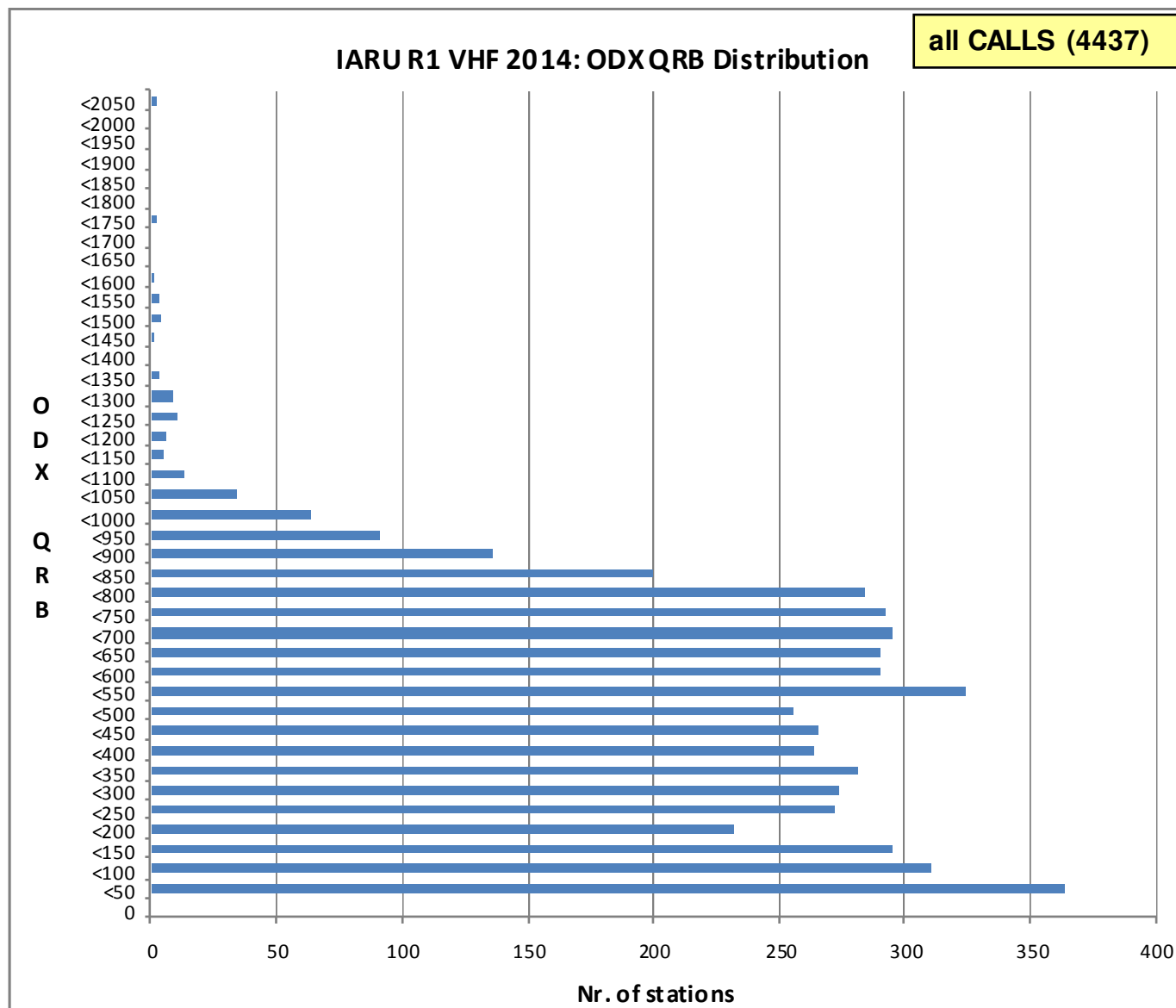
all LOGS (1050)



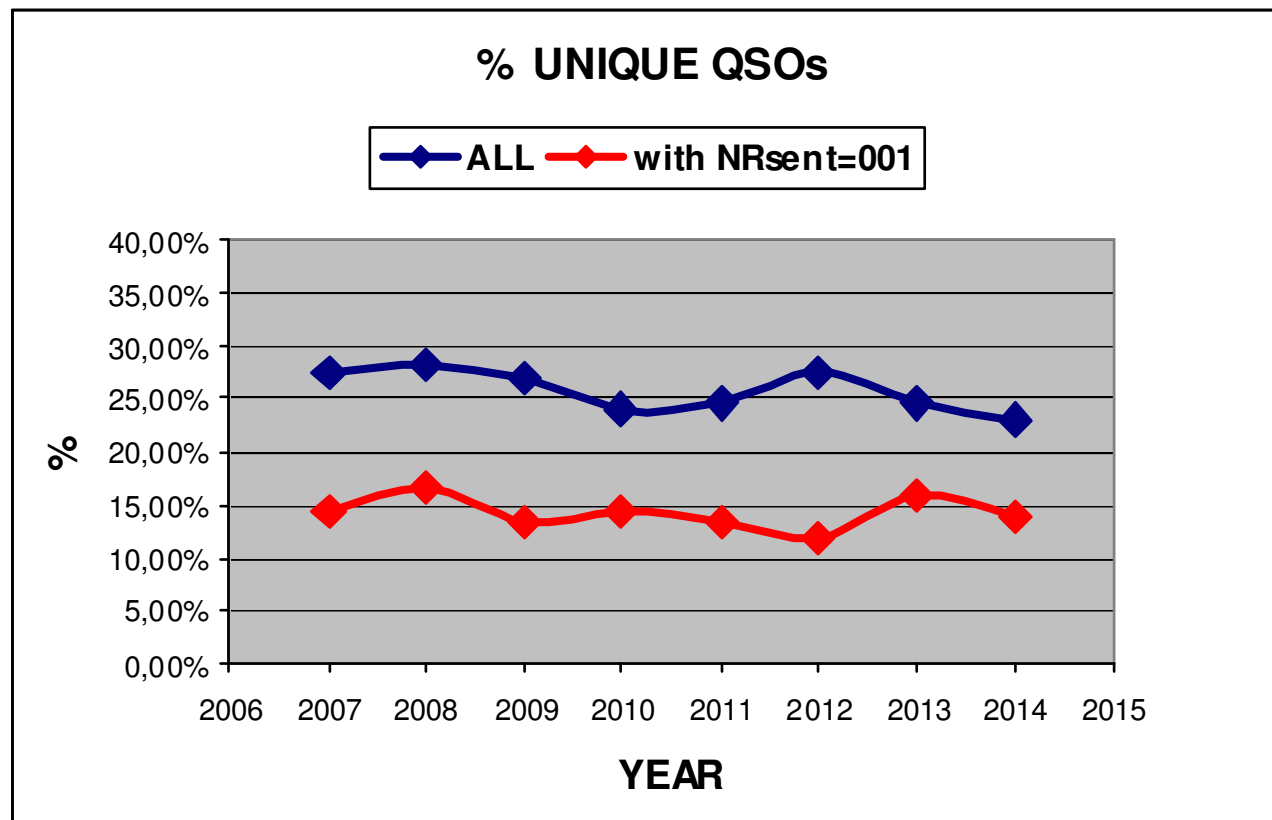
■ EIRP distribucija?



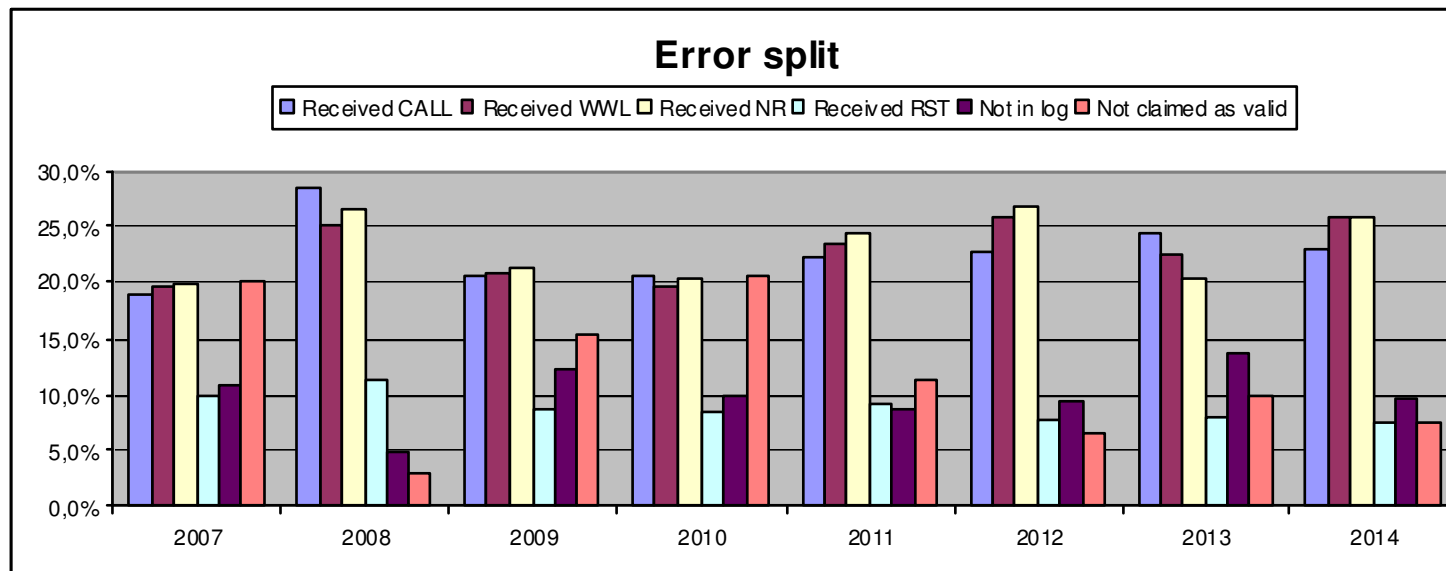
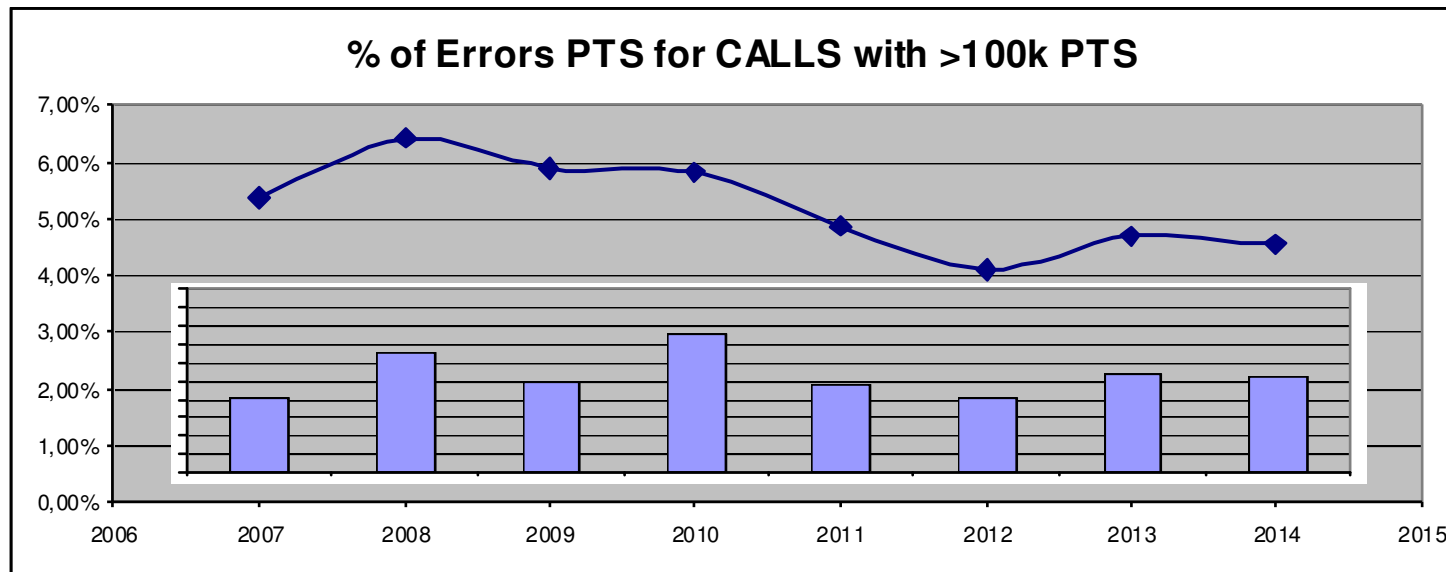
■ In kakšna je ODX QRB distribucija?



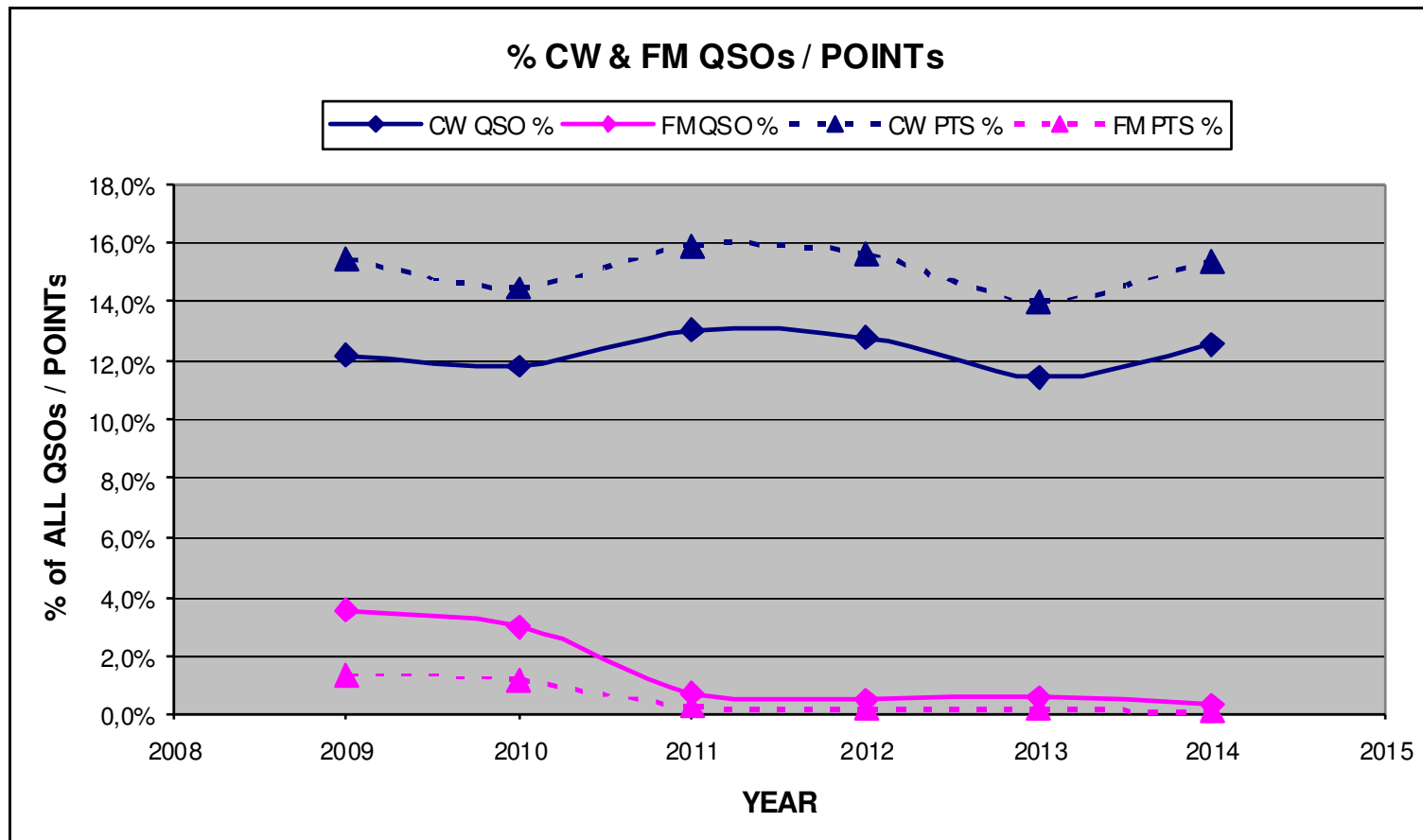
■ Kako stojimo z JUNIKI?



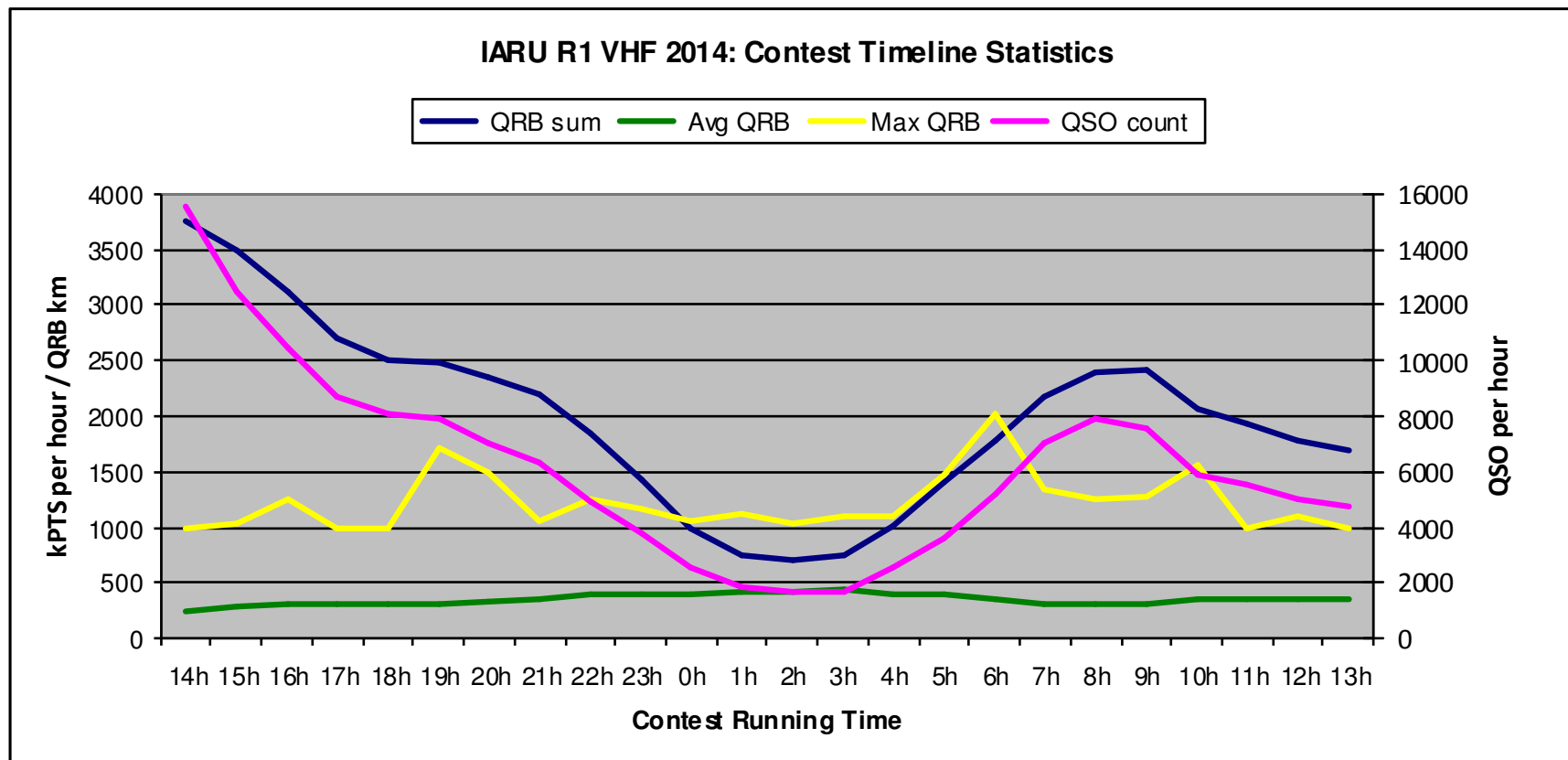
■ Statistika napak



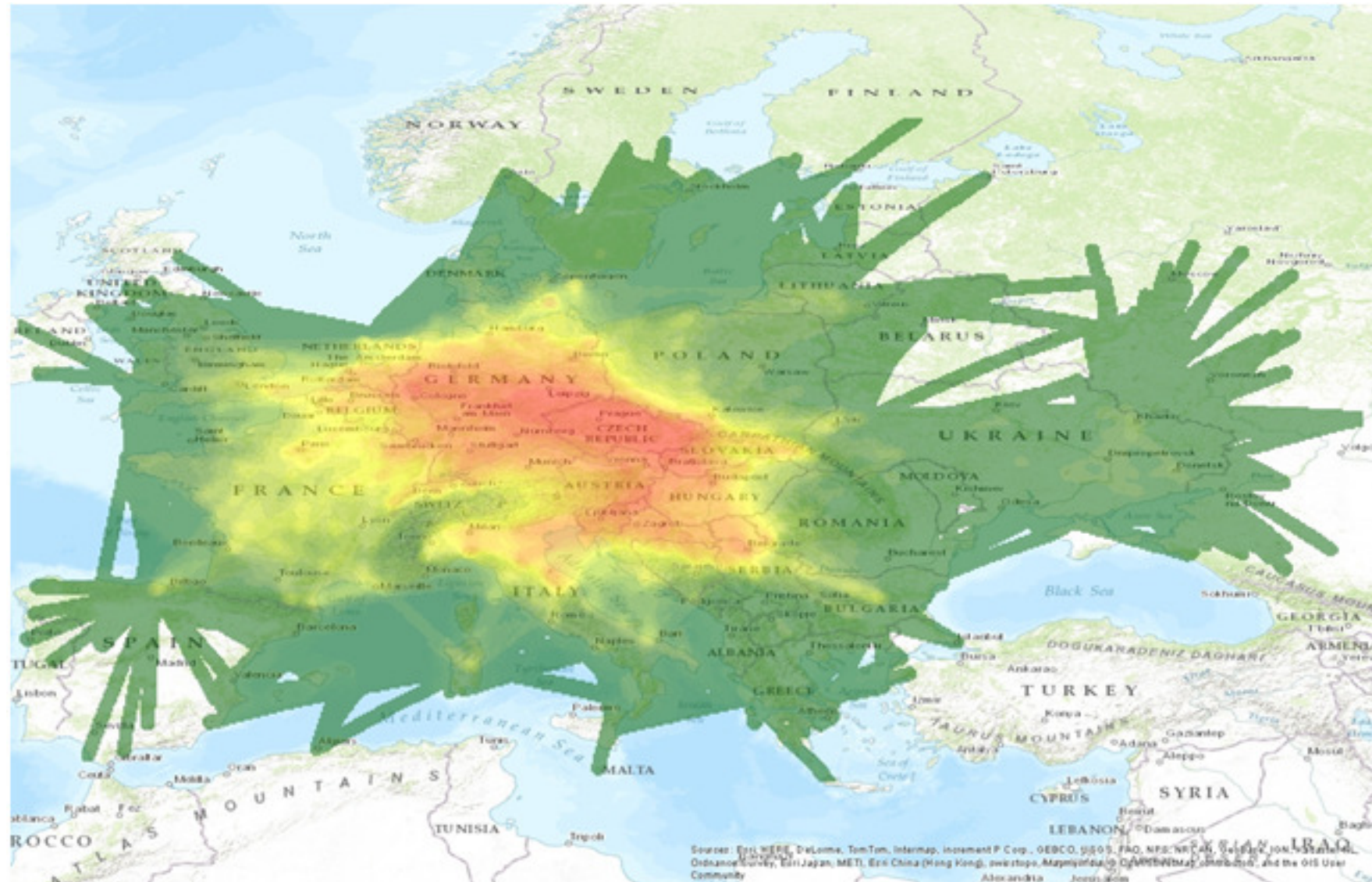
■ Koliko zvez se naredi v CW/FM?

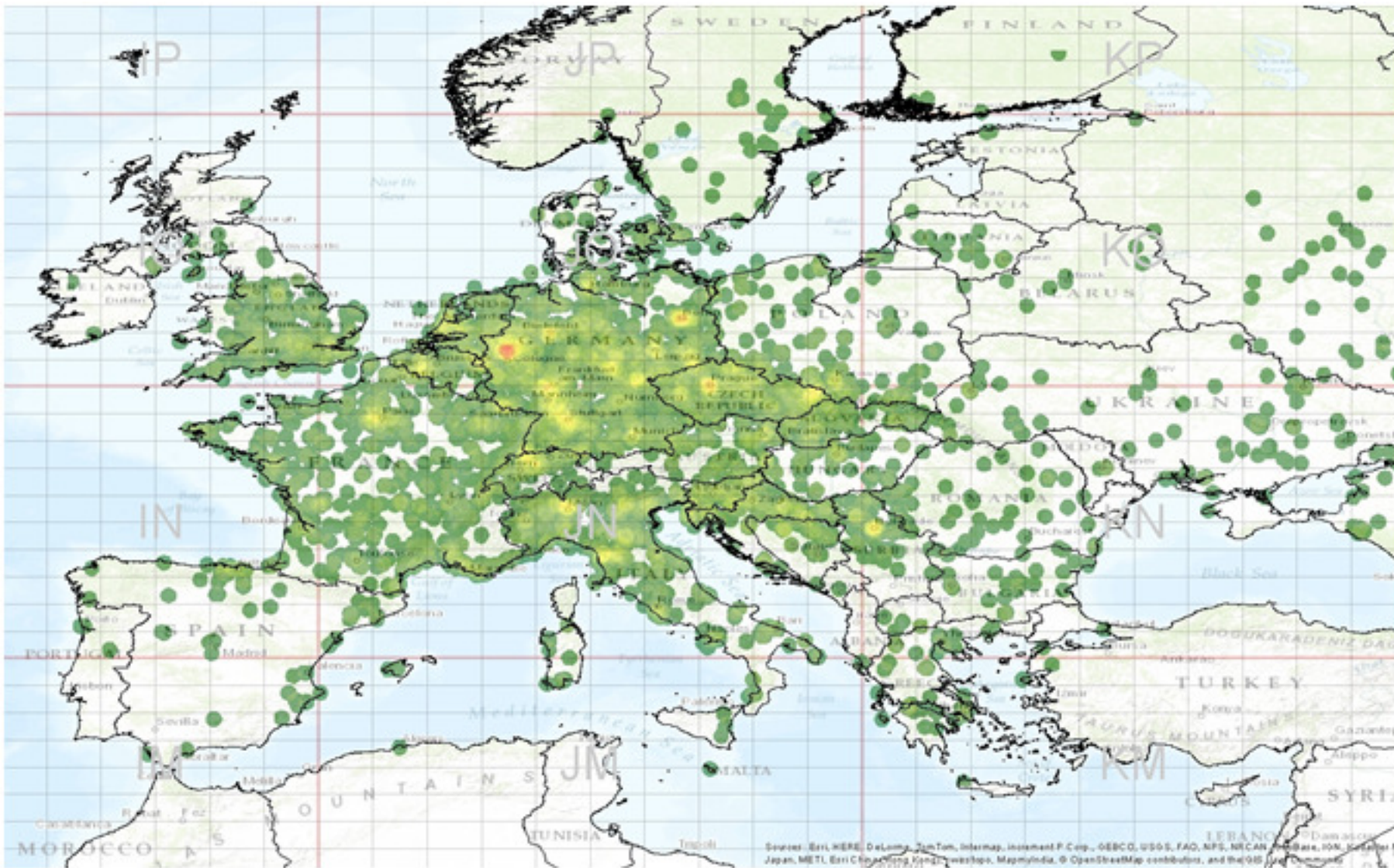


■ Časovni potek tekmovanja

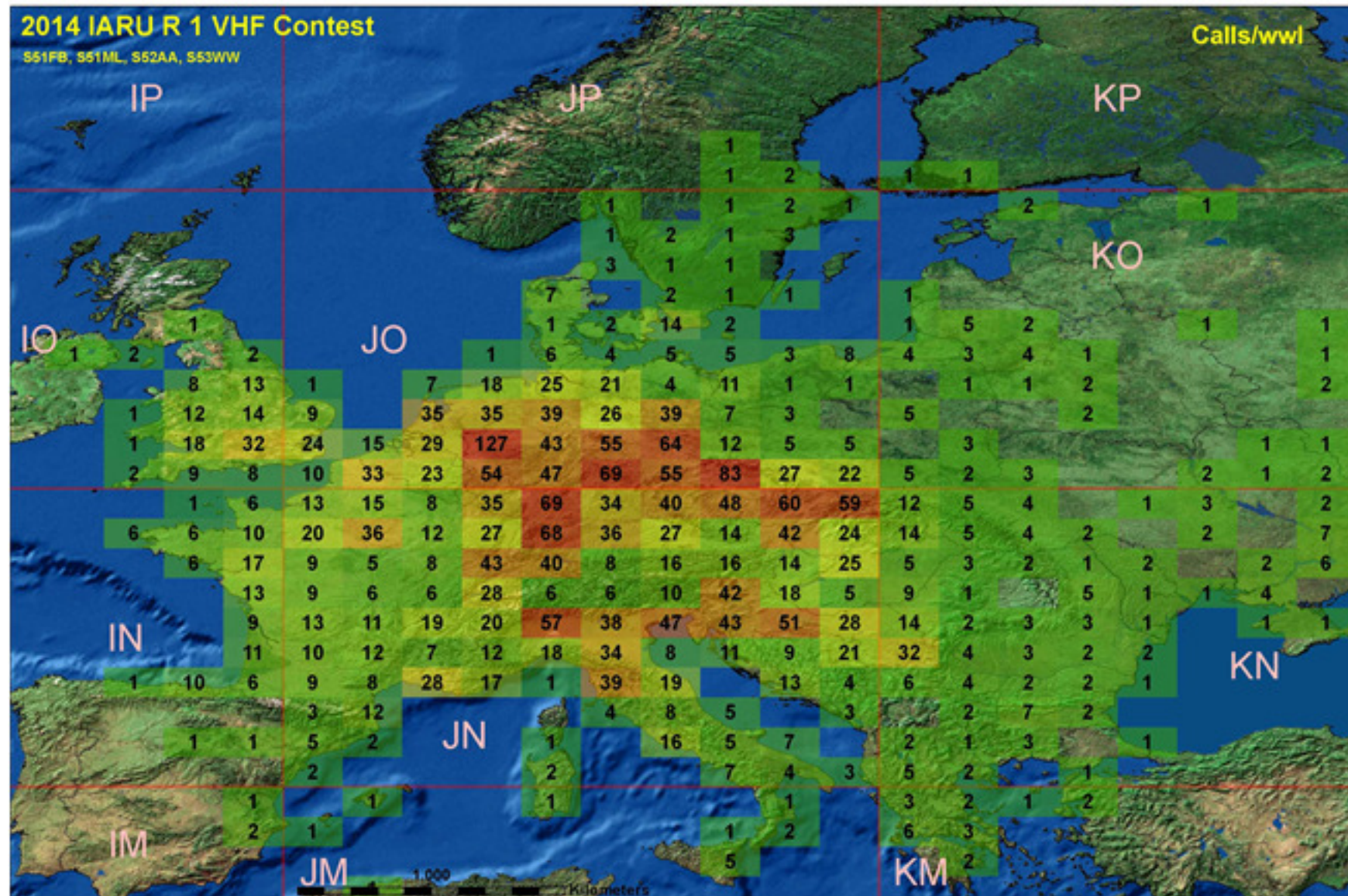


- Kje je atmosfera najbolj “vroča”?



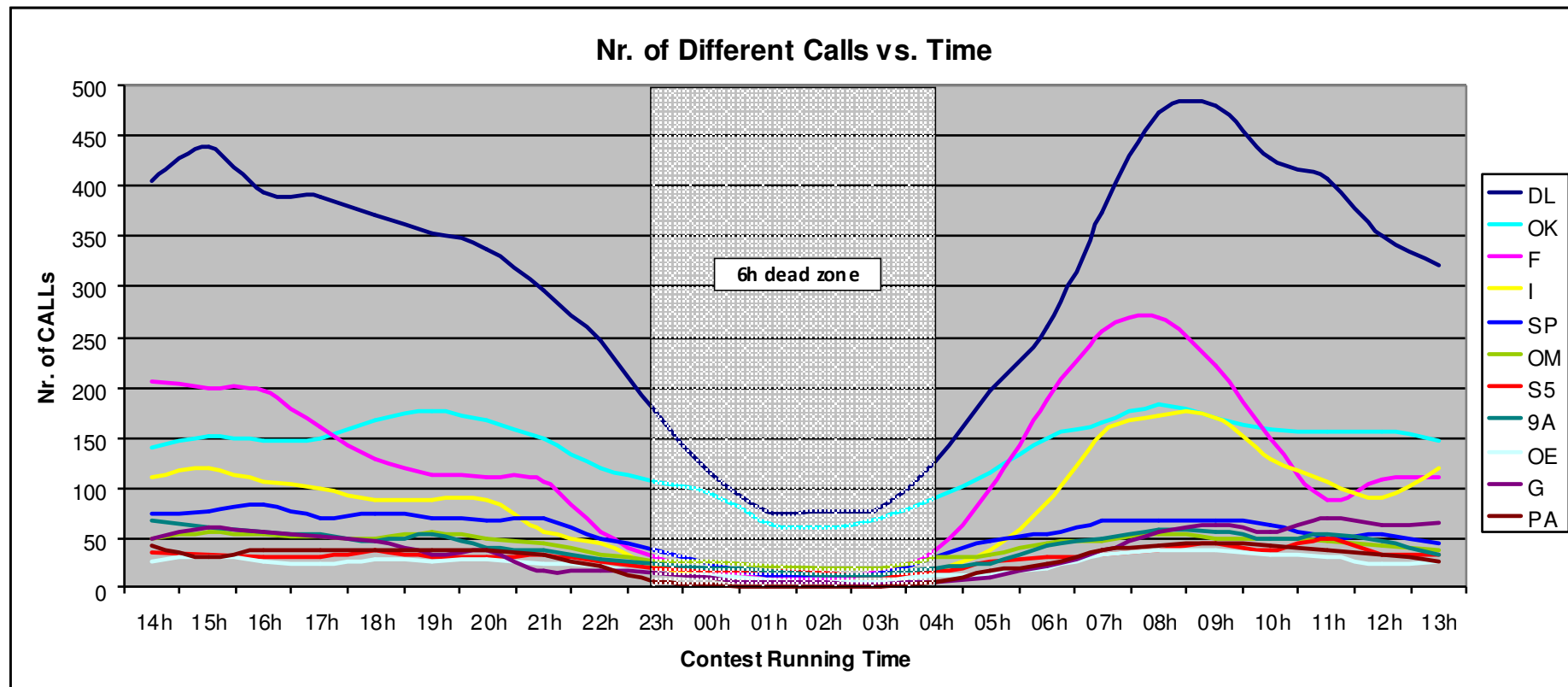


- Če “vroče točke” pretvorimo v UL in številke ...

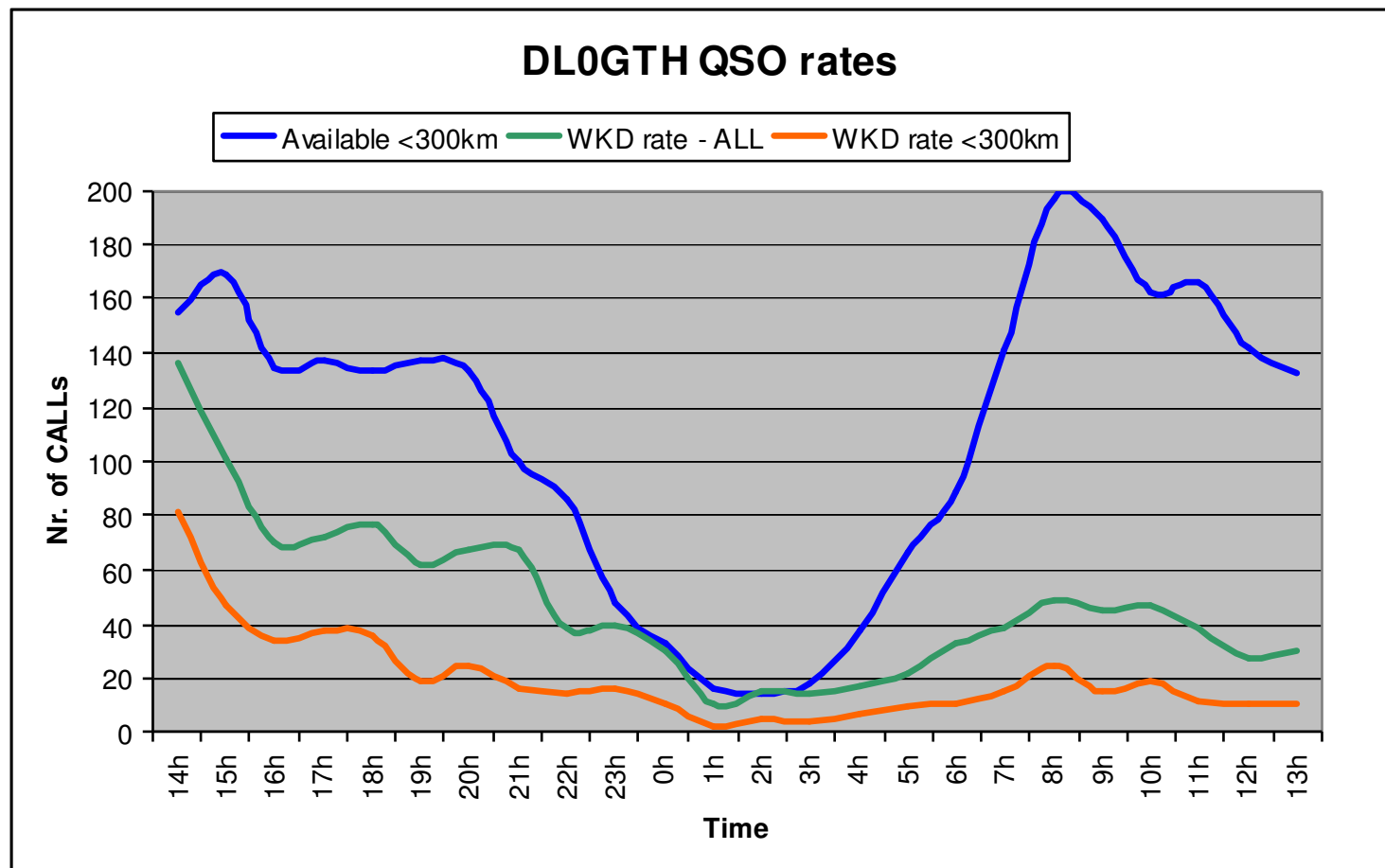


- In ponovno – kje so vse te postaje?
 1. ***Zakaj je z dobre EU lokacije tako težko narediti 1000 zvez?***
 2. ***Zakaj postaja sredi DL ne naredi 2000 zvez (rate 83 QSO/h)?***

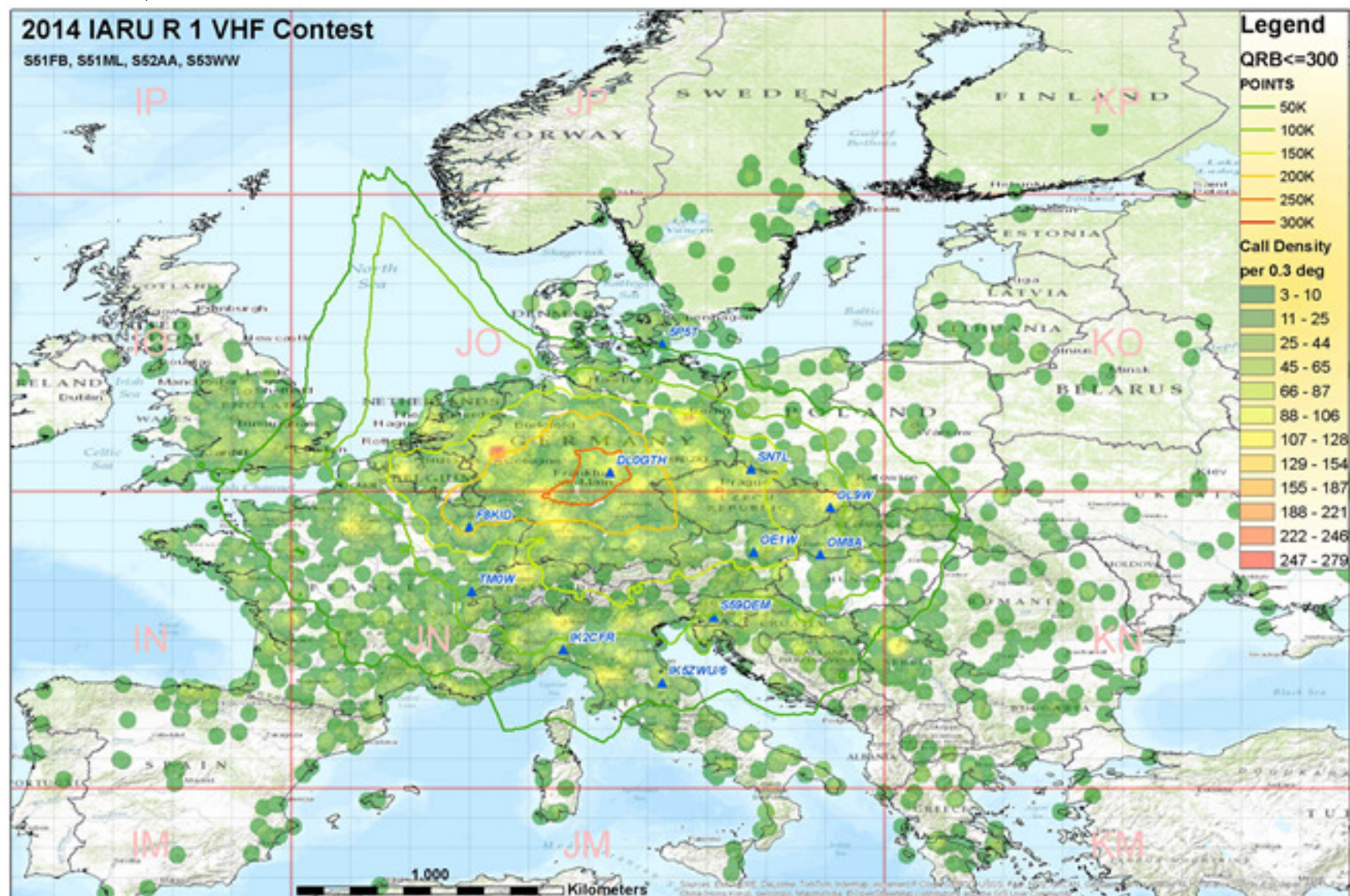
- Kaj pokaže časovni graf števila različnih postaj v vsaki tekoči uri tekmovanja?



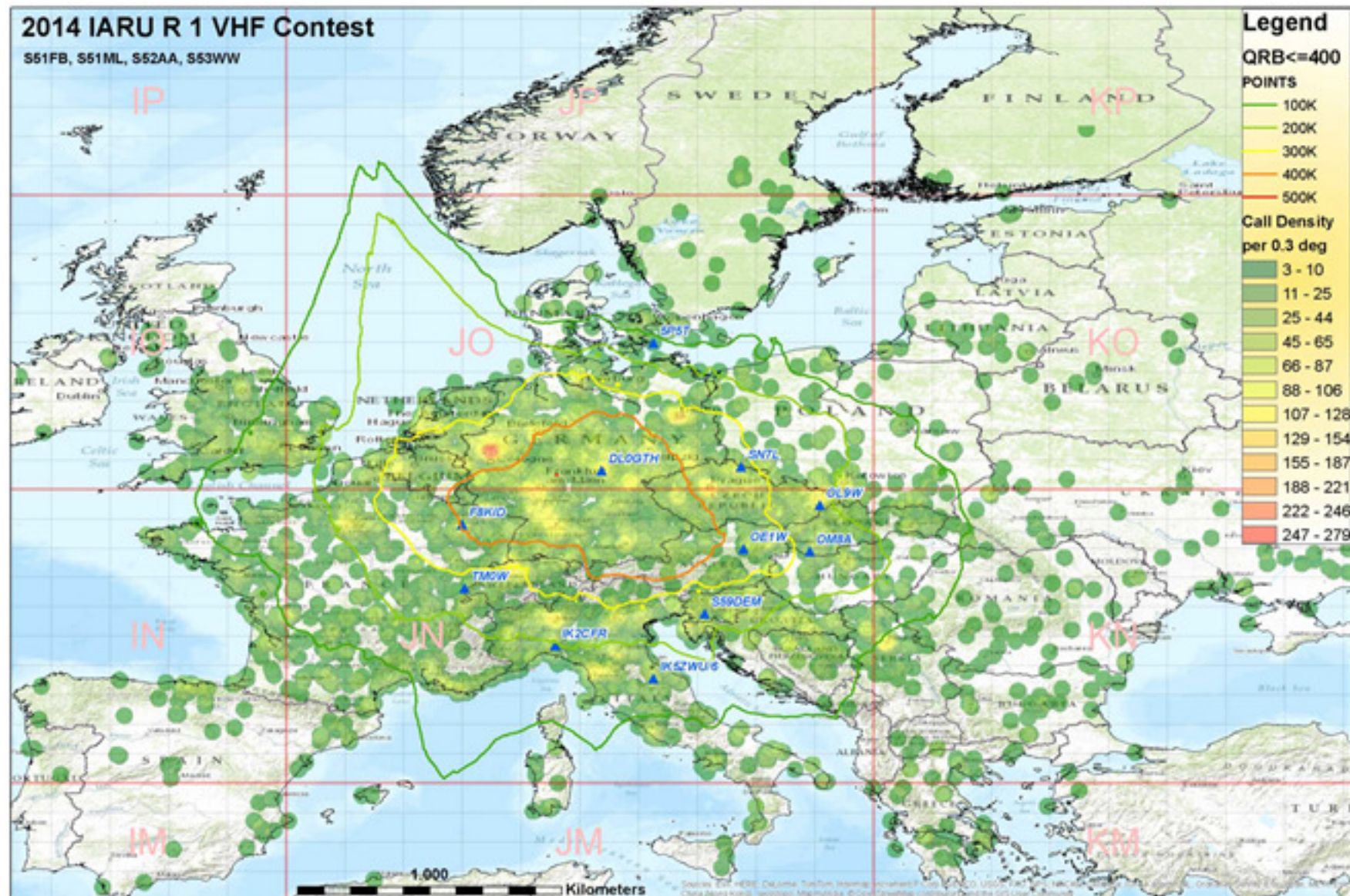
- Kaj pokaže časovni graf za DL0GTH (1119 Qso, 435k)?



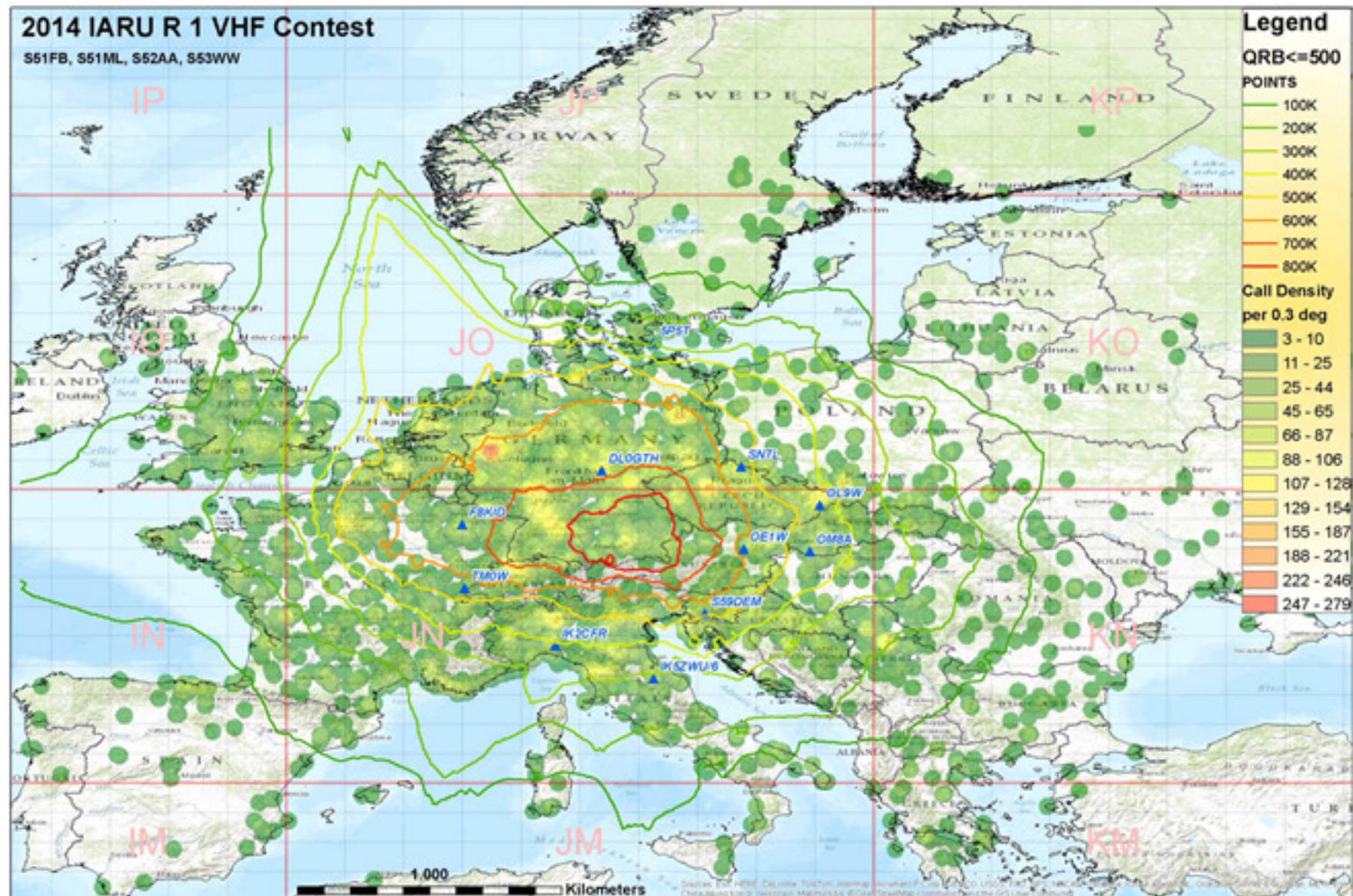
■ IzoQRB karte: <300 km!



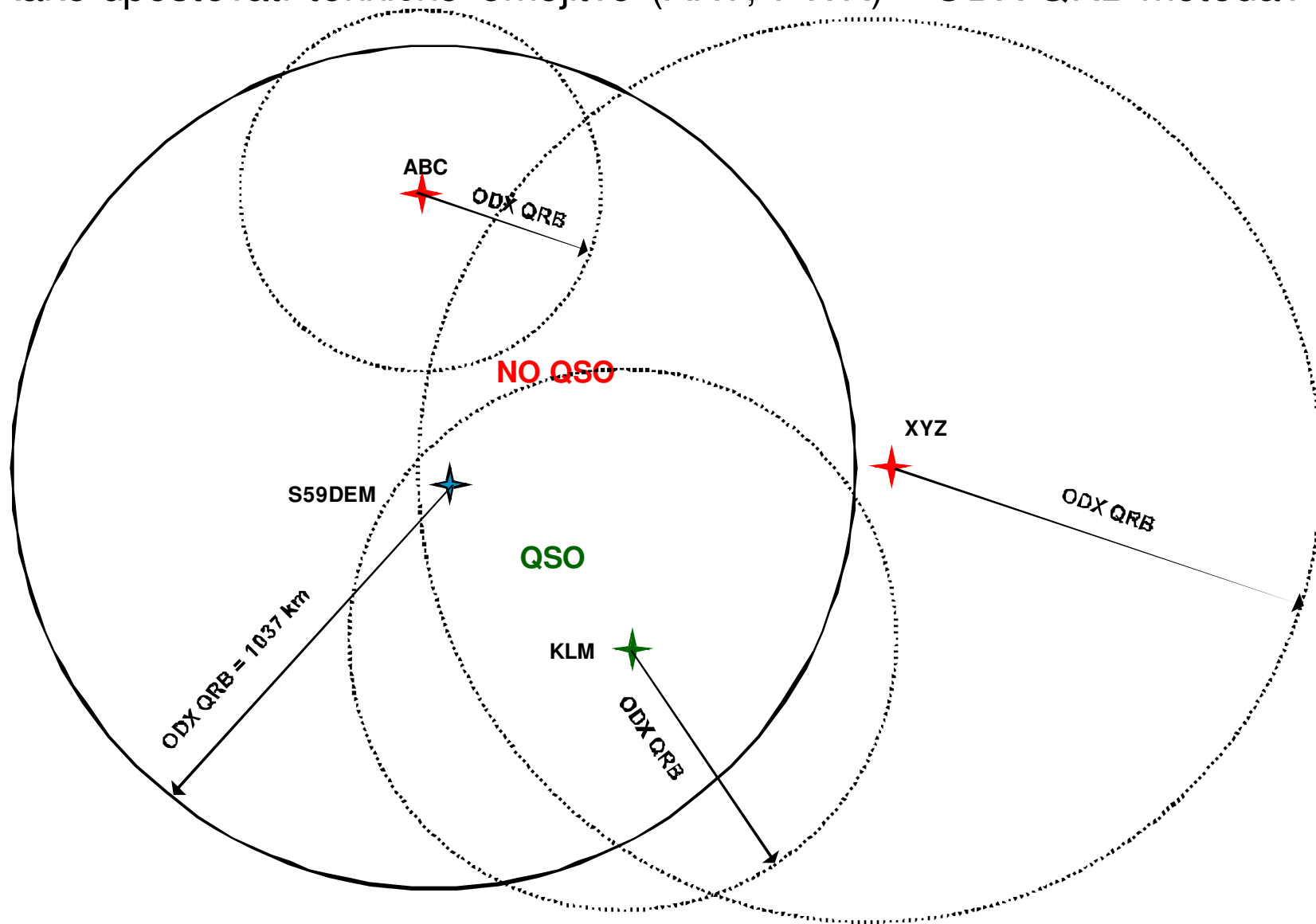
■ IzoQRB karte: <400 km!



■ IzoQRB karte: <500 km!



- Kako upoštevati tehnične omejitve (ANT, PWR) – ODX QRB metoda?



- Kaj če ... WRTC stil z omejitvijo glede na ODX QRB?

Place	PCALL	PWWLO	ODX QRB	Worked	
				QSOs	PTS
1	DL0GTH	JO50JP	1038	1119	435336
2	OE1W	JN77TX	1009	1017	425436
3	DA0FF	JO40XL	1040	1034	378675
4	SN7L	JO70SS	1463	866	351186
5	5P5T	JO64GX	1030	685	332048
6	IK2CFR	JN44OQ	1444	733	328791
7	F8KID	JN38AT	972	797	323908
8	IK5ZWU/6	JN63GN	1091	650	322157
9	OL9W	JN99CL	1262	799	320001
10	OL7M	JO80FG	1187	818	318757
11	TM9A	JN39OC	1255	823	314803
12	TM0W	JN36BP	1030	683	307831
13	DR2X	JO40QL	1275	856	303800
14	S59DEM	JN75DS	1037	742	300234
15	DK0BN	JN39VV	946	775	283686
16	OM8A	JN87WV	1040	693	267102
17	OK7O	JN69OU	835	751	261839
18	OL4A	JO60RN	929	719	260116
19	OK1KCR	JN79VS	934	720	258879
20	OL3Z	JN79FX	932	736	252737

■ Kaj če ... WRTC stil z omejitvijo glede na ODX QRB?

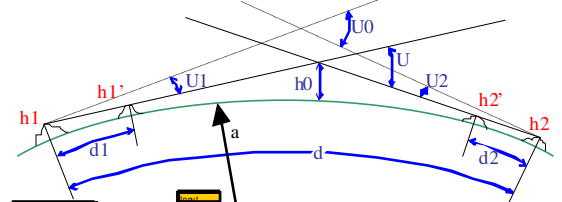
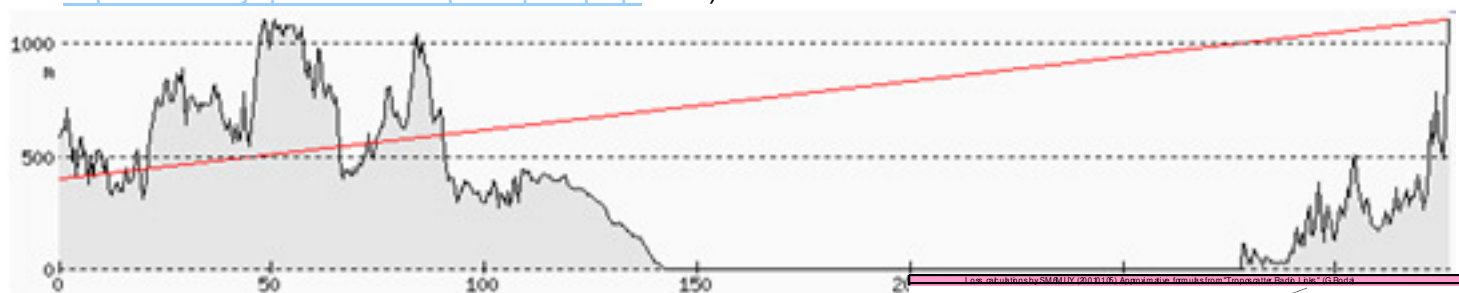
Place	PCALL	PWWLO	ODX QRB	Worked		ALL< 300km & minODXqrb			ALL< 400km & minODXqrb		
				QSOs	PTS	QSOs	PTS	% worked PTS	QSOs	PTS	% worked PTS
1	DL0GTH	JO50JP	1038	1119	435336	851	164217	38%	1156	269598	62%
2	OE1W	JN77TX	1009	1017	425436	551	116274	27%	814	208409	49%
5	5P5T	JO64GX	1030	685	332048	161	31936	10%	295	79333	24%
11	TM9A	JN39OC	1255	823	314803	610	115435	37%	959	237012	75%
14	S59DEM	JN75DS	1037	742	300234	358	60178	20%	545	126162	42%
23	S50C	JN76JG	1037	631	244337	364	60780	25%	587	138562	57%
24	S59R	JN76OM	1013	621	239954	378	65141	27%	641	158125	66%
43	S59P	JN86AO	1012	556	207546	388	69633	34%	657	166116	80%

Place	PCALL	PWWLO	ODX QRB	Worked		ALL< 500km & minODXqrb		
				QSOs	PTS	QSOs	PTS	% worked PTS
1	DL0GTH	JO50JP	1038	1119	435336	1359	361131	83%
2	OE1W	JN77TX	1009	1017	425436	1054	316904	74%
5	5P5T	JO64GX	1030	685	332048	483	164526	50%
11	TM9A	JN39OC	1255	823	314803	1211	350287	111%
14	S59DEM	JN75DS	1037	742	300234	839	259441	86%
23	S50C	JN76JG	1037	631	244337	936	296100	121%
24	S59R	JN76OM	1013	621	239954	942	293620	122%
43	S59P	JN86AO	1012	556	207546	902	276069	133%

Place	PCALL	PWWLO	ODX QRB	Worked		min (ODX QRB1, ODX QRB2)			WKD + ALL< 300km & minODXqrb		
				QSOs	PTS	QSOs	PTS	% worked PTS	QSOs	PTS	% worked PTS
1	DL0GTH	JO50JP	1038	1119	435336	1843	674912	155%	1496	507587	117%
2	OE1W	JN77TX	1009	1017	425436	1504	602314	142%	1223	467404	110%
5	5P5T	JO64GX	1030	685	332048	1003	500536	151%	721	338958	102%
11	TM9A	JN39OC	1255	823	314803	1743	692064	220%	1125	374825	119%
14	S59DEM	JN75DS	1037	742	300234	1342	572050	191%	887	324940	108%
23	S50C	JN76JG	1037	631	244337	1374	569639	233%	807	272207	111%
24	S59R	JN76OM	1013	621	239954	1367	559781	233%	812	274845	115%
43	S59P	JN86AO	1012	556	207546	1309	532590	257%	755	244829	118%

- Kako dodati še geografske omejitve – numerična metoda?

- poznamo LONG/LAT koordinate obeh postaji
- izrišemo profil trase (npr. <http://profile.heywhatsthat.com/> ali <http://www.geocontext.org/> ali <http://ea3hmj.qlfecv.net/map/mapV2.php> ali ...)



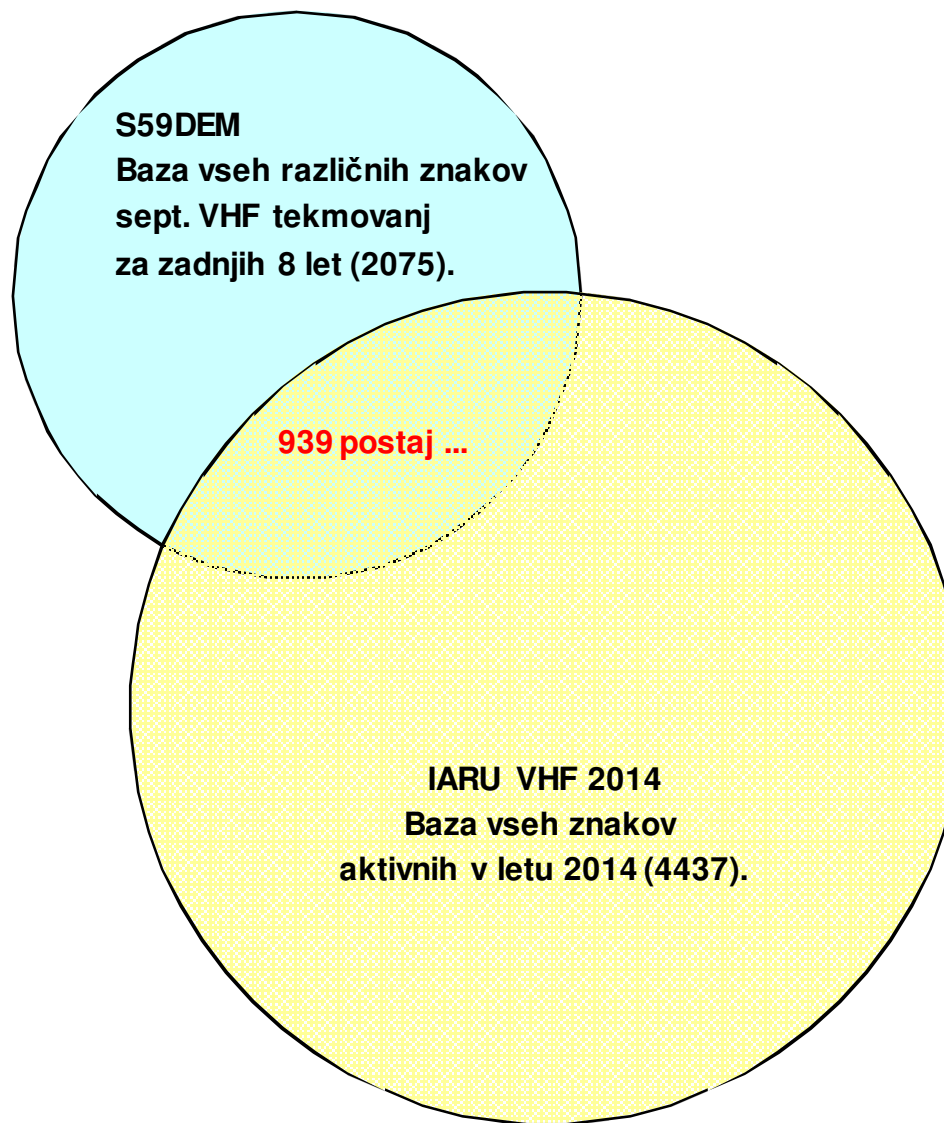
Izračunamo troposfersko zvezo

(npr. SM6MUY XLS kalkulator ali KA1GT ali G0MJW ali ...)

[illegible]

- Kako dodati še geografske omejitve – statistična metoda?

S59DEM – 2014 log
S59DEM – 2013 log
S59DEM – 2012 log
...
S59DEM – 2007 log

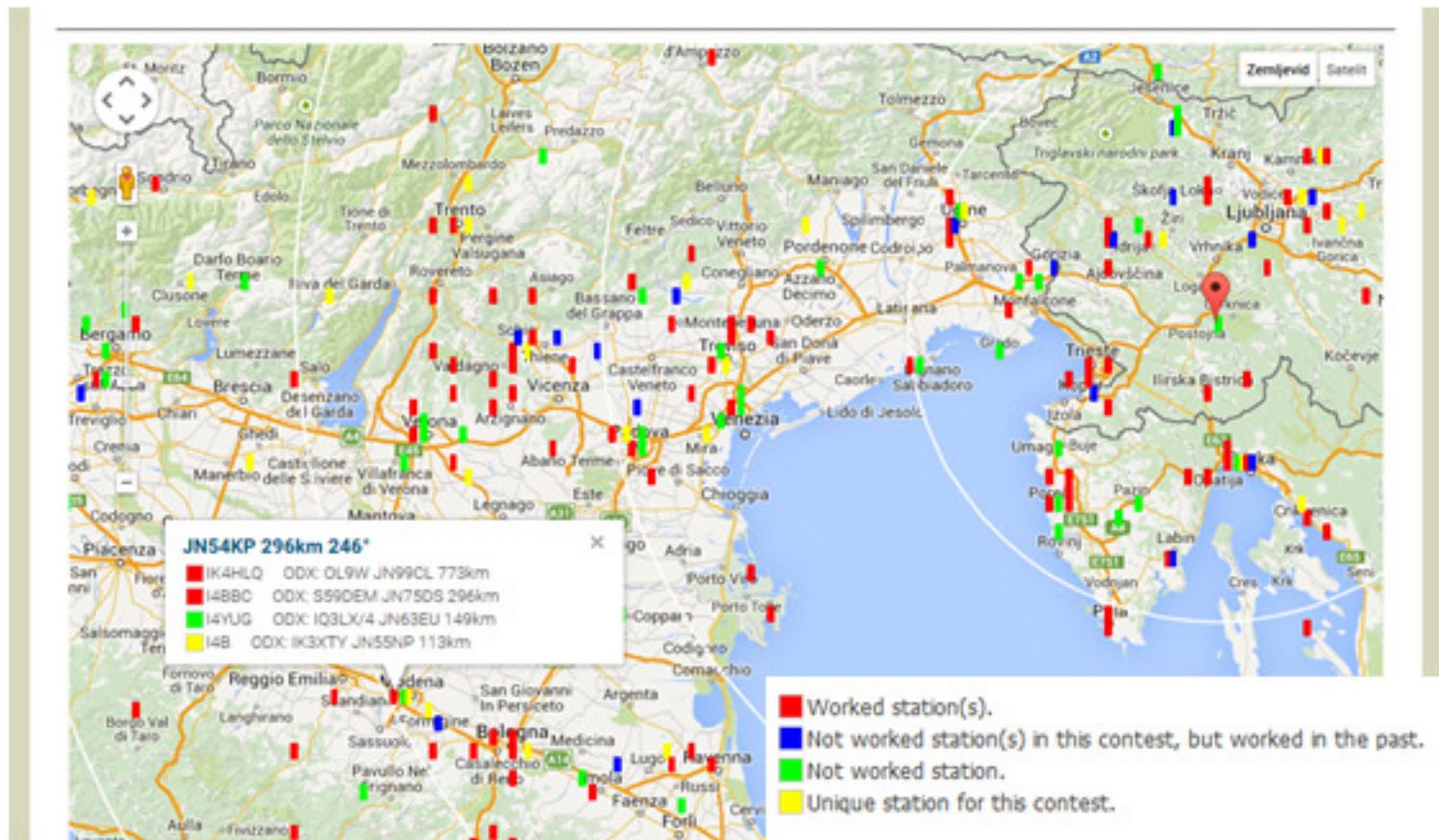


RIS 2015, Ljubljana, 31.01.2015 – s51fb, s51ml, s52aa, s53ww – IARU R1 VHF

- Kaj če ... s podatki o delanih postajah iz prejšnjih let (≥ 5 logov)?

Place	PCALL	PWWLO	ODX QRB	Worked		8 years history			
				QSOs	PTS	QSOs	PTS	% worked PTS	Years
1	DL0GTH	JO50JP	1038	1119	435336	1479	573283	132%	8
4	SN7L	JO70SS	1463	866	351186	1029	415488	118%	5
9	OL9W	JN99CL	1262	799	320001	1349	547648	171%	6
13	DR2X	JO40QL	1275	856	303800	1216	438656	144%	8
14	S59DEM	JN75DS	1037	742	300234	939	390427	130%	7
15	DK0BN	JN39VV	946	775	283686	1044	388156	137%	5
16	OM8A	JN87WV	1040	693	267102	832	323934	121%	5
18	OL4A	JO60RN	929	719	260116	1066	395535	152%	6
19	OK1KCR	JN79VS	934	720	258879	989	375080	145%	7
20	OL3Z	JN79FX	932	736	252737	966	338140	134%	7
23	S50C	JN76JG	1037	631	244337	873	344699	141%	8
24	S59R	JN76OM	1013	621	239954	857	339578	142%	8
43	S59P	JN86AO	1012	556	207546	699	268045	129%	8
48	S51ZO	JN86DR	1001	534	193149	712	267367	138%	8
49	S57O	JN86DT	992	507	187766	779	303339	162%	8
50	S57Q	JN76PB	922	501	185554	652	247895	134%	4
89	S57M	JN76PO	944	365	128755	596	223892	174%	8

- Kaj če ... s podatki o delanih postajah iz prejšnjih let (≥ 5 logov)?



CHECK THAT MAP (available for all 1050 logs) at:

<http://slovhf.net/vhfmanager/modules/results.php?ContestID=133&language=G>

TNX es 73 de

Miha/s51fb

Matjaž/s51ml

Peter/s52aa

Robi/s53ww

