

# INTERNATIONAL AMATEUR RADIO UNION, REGION I PERMANENT HF COMMITTEE



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To: All HF Committee representatives  
Members of IARU Region 1 Executive Committee  
Chairman of Region 1 VHF/UHF/MW Committee  
Editor of "Region 1 News"

## HFC NEWSLETTER N° 53 - March 2002

Dear friends,

The Region 1 IARU secretary informed me that today there are two proposals for the permanent HF committee meeting in San Marino. I wonder if that is all? Of course we should not send proposals just to have papers. If there are no more proposals, that could mean that we are all happy of how things are going on HF. And I am convinced that there will be a lot of things to talk about when we meet.

### 53.1 Proposals for the IARU conference in San Marino

#### 1. The Czech Radio Club proposal

SUBJECT Change in the judging of entries

SOCIETY Czech Radio Club

Committee C.4

**Source - VHF Managers Handbook part. 3b (original text is in Italics, proposed change is bold marked)**

#### **10. Judging of entries**

*The final judging of the entries shall be the responsibility of the organizing society, whose decision shall be final. Entrants deliberately contravening any of these rules or flagrantly disregarding the IARU Region 1 band plans shall be disqualified <sup>1</sup>).*

*The claimed contact will be disqualified for an obviously wrongly stated Locator or a time error of more than 10 minutes.*

*Claiming points for a duplicate contact will be penalized by deducting ten times the number of points claimed for that duplicate contact from the score.*

*Any error in the information logged by a station will result in the loss by the receiving station of all points for that contact.*

**Claiming points or results will be not canceled if a receiving station logged callsign with or without /p, /3 (or other number), /a or /m and error is only in this part of callsign. All indications after right / will not be evaluated.**

*The contest entrants will not be penalized for the failure of non-entrants to comply with the rules.*

Explanation:

Many stations, especially from Italy, sending in the contest CALL /p and in the log write /3 or other number or IN3, IV3 etc. In some countries is allowed to use callsign without /p (or something) during the contests. Many operators are not familiar with this and mixed both callsigns. Transmitting station will not loss the points and the receiving station has the problems.

#### 2. The DARC proposal

SUBJECT Region 1-HF-Bandplan

SOCIETY DARC

Committee C 4

Introduction

The principle idea of a band plan concept based on typical bandwidths used by various modes was submitted to the IARU Region 1 HF Committee in 1992 by DARC.

The idea was prompted by the emergence of new modes, changes in user pattern and the desirability of more economical frequency usage.

This concept, called Bandplan 2000, has been reviewed by the HFC several times. SARA came up with a very detailed bandplan concept in 1999, based on the same idea.

Discussion within HFC has shown, that a new bandplan should be easy to understand, should be simple, should take care of traditionally grown and world wide known areas of activity like dx-windows and contest preferred segments and should give space for implementing new technologies or modes without reviewing the complete document.

## 2. Proposal

A)

It is proposed to split the HF bandplan into two parts

Source plus Usage

Remarks.

3. It is furthermore proposed to add guidelines which are not part of the bandplan but which have to be reviewed and adopted by the HFC. As guidelines are concerned, the centers of activity for given NB- and WB-Modes are listed.

B)

It is proposed to use the following expressions (specified in the remarks) for the Source:

1. NB: Narrow Bandwidth Modes, Bandwidth less than 500 Hz
2. WB: Wide Bandwidth Modes, Bandwidth more than 500 Hz but less than 3 kHz

C)

It is proposed to use the following expressions (specified in the remarks) for the Usage:

1. CW: Telegraphy
2. PHONE: SSB and other voice modes with bandwidth less than 3 kHz
3. All NB-Modes: All Analog and Digital Narrow- Bandwidth-Modes with bandwidth less than 500 Hz, listed under remarks,
4. All WB\_Modes: All Analog and Digital Wide- Bandwidth-Modes with bandwidth more than 500 Hz and less than 3 kHz, listed under remarks,
5. IBP: Intl. Beacon Project (protected frequencies with +/- 1 kHz guide).

D)

For the time being the now existing bandplan can easily be implemented into the new concept. World-wide known areas of activity such as DX-windows on 3,5 MHz and contest segments on 3,5 MHz and 14 MHz stay as they are.

## IARU Region 1 HF BAND PLAN

SOURCE			USAGE
BAND	FREQUENCY	BANDWIDTH	
1,8 MHz	1810-1838	NB	CW
	1838-1842	NB	all NB-MODES
	1842-2000	WB	PHONE
3,5 MHz	3500-3510	NB	CW-DX
	3510-3560	NB	CW-Contest Preferred
	3560-3620	NB	all NB-MODES
	3620-3650	WB	PHONE-Contest Preferred
	3650-3775	WB	all WB-MODES
	3775-3800	WB	PHONE-DX
7 MHz	7000-7035	NB	CW
	7035-7045	NB	all NB-MODES
	7045-7100	WB	all WB-MODES
10 MHz	10100-10140	NB	CW
	10140-10150	NB	all NB-MODES
14 MHz	14000-14060	NB	CW-Contest Preferred
	14060-14099	NB	all NB-MODES
	14099-14101	NB	IBP
	14101-14112	NB	all NB-MODES
	14112-14125	WB	PHONE

	14125-14300	WB	PHONE-Contest Preferred
	14300-14350	WB	all WB-MODES
18 MHz	18068-18100	NB	CW
	18100-18109	NB	all NB-MODES
	18109-18111	NB	IBP
	18111-18168	WB	PHONE
21 MHz	21000-21070	NB	CW
	21070-21149+ B70	NB	all NB-MODES
	21149-21151	NB	IBP
	21150-21350	WB	PHONE
	21350-21450	WB	all WB-MODES
24 MHz	24890-24920	NB	CW
	24920-24929	NB	all NB-MODES
	24929-24931	NB	IBP
	24930-24990	WB	PHONE
28 MHz	28000-28050	NB	CW
	28050-28190	NB	all NB-MODES
	28190-28199	NB	IBP regional time shared
	28199-28201	NB	IBP world wide time shared
	28201-28225	NB	IBP continuous-duty
	28225-29200	WB	PHONE
	29200-29300	WB	all WB-MODES
	29300-29510	WB	Satellite down-link
	29510-29700	WB	all WB-MODES

## Guidelines to IARU REGION-1 HF-BANDPLAN

### Centers of Activity

The frequencies listed below are subject of orientation. These frequencies are not protected but world-wide known and used as indicated.

Frequency usage is on non -interference basis. All operators, especially when used computer-assisted modes, have to check the frequency before transmitting.

MODE	AMTOR ARQ	FAX/SSTV	FELDHELL	HF-PACKET	MT63-1K	PACTOR	PSK 31	RTTY 45/170	CW/QRP
Bandwith/Hz	300	3000	360	500	1000	300	60	300	
Bandplan-Category	NB	WB	NB	NB	WB	NB	NB	NB	CW
	F1B	J3C	A1B	F1B	G2B	F1B	G2A	F1B	A1A
1.8 MHz-Band		not	-				1838.15	all NB-MODE	1810
3.5 MHz-Band		3730	3577			3583.7	3580.15	all NB-MODE	3560
7 MHz-Band		7040	7035				7035.15	all NB-MODE	7030
10 MHz-Band		not	-				10142.15	all NB-MODE	10106
14 MHz-Band	14095	14230	14115	14089-14099	14347	14079	14070.15	all NB-MODE	14060
18 MHz-Band	18102.5	18110	-	18101-18112			18100.15	all NB-MODE	18096
21 MHz-Band	21095	21340	-				21080.15	all NB-MODE	21060
24 MHz-Band		24930	-				24920.15	all NB-MODE	24906
28 MHz-Band	28095	28680	-	29210-29290		28079	28120.15	all NB-MODE	28060

Status 11/2001

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## 53.2 The European Union Regions Award

I am IK2UVR, Pier Luigi Anzini, author and manager of EURA, European Union Regions Award. I would like to introduce this new award based on European Union Regions.

To get this Award it is necessary to have contacted and confirmed with QSL card (paper card or electronic card) stations located in the different Euro-Regions as displayed in the official table.

At the moment there are 180 of them, but their number will increase when new members will join the European Union. The validity of the contacts starts from the date of membership, as follows:

1st January 1958 (date of starting of the Treaties of Rome) for Belgium, Fed. Rep. of Germany, France, Italy, Luxemburg and Netherlands.  
1st January 1973 for Denmark, Great Britain and Ireland.  
1st January 1981 for Greece.  
1st January 1986 for Portugal and Spain.  
3rd October 1990 for ex DDR (Y2/Y9 prefixes are NOT valid)  
1st January 1995 for Austria, Finland and Sweden.  
All the contacts must be made from the same Country and using the same callsign.

There is only one version of the Award: mixed. All the bands assigned to the Radio Amateur Service and all the modes are allowed, satellites included.

There are 5 classes of the Award, identified by coloured star-shaped stickers:

1. Basic: 50% of the Euro-Regions confirmed (at the moment 90)
2. Bronze: 60% of the Euro-Regions confirmed (at the moment 108)
3. Silver: 75% of the Euro-Regions confirmed (at the moment 135)
4. Gold: 90% of the Euro-Regions confirmed (at the moment 162)
5. Honour Roll: 100% of the Euro-Regions confirmed (at the moment 180)

When new members will join the European Union, the numbers above will change, according with the fixed percentages. Issued Awards won't change, but further upgrades will have to respect the new levels.

To claim the Award the QSL cards are not required but they must be in possession of the applicant and could be requested anytime for checks.

Application forms must be sent to this address:

EURA Manager, IK2UVR  
c/o Sezione ARI Busto Arsizio  
P. O. Box 125  
I - 21052 Busto Arsizio (VA)  
Italy

The fee is 5 Euro or 5 U.S. \$ for each requested Award. Upgrades are free.

All informations are at official website: <http://ir2b.too.it>

The EURA has a proper software, free written by IK6CAC. It is downloadable at this web site: <http://www.ik6cac.com>

Many thanks for your attention and best 73's de IK2UVR, Pier Luigi  
e-mail: [ik2uvr@malpensa.it](mailto:ik2uvr@malpensa.it)

### 53.3 News of our Members

The Postal Corporation Of Kenya has introduced Postal Code in Kenya. With the introduction of the code there is a slight change in my postal address. The new address should therefore be addresses as under:-

Max Raicha, P.O.Box 1641, **KISUMU ~ 40100** Kenya.

New address: Istvan Bogyo HA0DU, P.O.Box 16., H-4003 Debrecen, Hungary

Tel: +36-52-702-409, mobile +36-30-399-37-88, Fax: +36-52-418-707, E-mail: HA0DU@dx.hu

### List of "The Egyptian Radio Amateurs"

SU0ERA	AMATEUR RADIO Club STATION
SU1AA	IMAN LOUTFY "QSL VIA SU1AL
SU1AB	AMMAL LOUTFY "QSL VIA SU1AL
SU1AC	MOHAMMED LOUTFY "QSL VIA SU1AL

SU1AD ALI SAMIR DARWISH 'QSL VIA E-ARA  
SU1AL LOUTFY MORSY AL-MAHDY 'POB 109 AL-GIZA, GIZA  
SU1AO MOH. ATIF OSMAN '5 MOHAMMED MANSI ST., FIASAL, GIZA  
SU1AR AYMAN OMAR '11 MOHAMMED GAD ALI, EIN-SHAMS  
SU1AY AYMAN AHMED '3 FARIED EL-ATRASH ST., EIN-SHAMS, CAIRO  
SU1BH MOHAMMED AL-ASIRY 'QSL VIA HOME-CALL: A71BH  
SU1CS MOHAMMED AL-SABAH 'QSL VIA HOME-CALL: 9K2CS  
SU1DZ ABDUL-JABBAR MARAFI 'QSL VIA HOME-CALL: 9K2DZ  
SU1ER EZZAT SAYED RAMADAN 'POB 78 HELIOPOLIS, CAIRO 11341  
SU1FJ FATIN ABDUL-JABBAR MARAFI "QSL VIA 9K2DZ  
SU1FN FATHY ANWAR '17 MAHMOUD FOUAD, HELIOPOLIS, CAIRO  
SU1GM GERGESS MAKARI '4 ST.- NO.100, MAADI, CAIRO  
SU1GS GREISS SOBHI GREISS 'POB 18 AGOUZA, GIZA 12654  
SU1HA HANY ANWAR "37 SUAUDI DULD., NEW-MAADI, CAIRO  
SU1HB HESHAM ABDEL-SALAM '40 SHERIF ST., EL-HARAM, GIZA  
SU1HH AHMED HAROUN "15 HENDAWI ST., DOKKI, CAIRO  
SU1HK HOSNI KHATER '20 ST.- NO. 2 MOKATTAM-CITY, CAIRO  
SU1HM HOSSAM AL-SHENAWY '16 AL-DAHER SQ., CAIRO 11271  
SU1HN HAMED NASSAR 'POB 113 HELIOPOLIS, CAIRO 11757  
SU1HR HESHAM Y. KHATER "QSL VIA E-ARA  
SU1HS MAHMOUD HOSSNI '67 OSMAN BEN-AFFAN, HELIOPOLIS, CAIRO  
SU1HT HASAN AL-TELBANY '7 MOH. MAHMOUD ST., IMBABA, CAIRO  
SU1JR JAMAL AL-RIFAIE 'QSL VIA HIS HOME-CALL: 9K2ZM  
SU1KM MOHAMMED ALKAFRAWI "POB 70 MEGLES AL-SHAB 11516 CAIRO  
SU1KR KHALED SAID HASAN 'POB 78 HELIOPOLIS, CAIRO 11341  
SU1KZ YOUSEF KAMAL ZADA '51 AL-GIZA ST., GIZA  
SU1MA MOHAMMED H. AL-MARAGHI, QSL VIA E-ARA  
SU1MH MAHMOUD SAAD 'POB 226 RAMSIS PT CENTER, CAIRO 11794  
SU1MI MOUNA IBRAHIM MOHAMED '7 ROUDA ST., AL-ROUDA, CAIRO  
SU1MK MAGDAH HOSNI KHATIR 'VIA SUIHK  
SU1MN MANAL NASSAR "QSL VIA SUIHN  
SU1MR MAGGI EZZAT SAYED 'VIA SUIER  
SU1NK MANAL HOSNI KHATIR 'VIA SUIHK  
SU1RA REDA AMER '18 SAMI ST., LAZOUGHLI, CAIRO  
SU1RR REHAB EZZAT SAYED 'VIA SUIER  
SU1SA SAYED ABDEL-SAMEE 'POB 15 EIN-SHAMS, CAIRO 11311  
SU1SK SAID KAMEL 'POB 62 SHUBRA EL-KHIMA, CAIRO 13411  
SU1SM SHERIF SAMIR '56 MASGED -ALRAHMA ST., SHOBRA, CAIRO  
SU1SR SALLY EZZAT SAYED 'VIA SUIER  
SU1UN TALAL BIN ABDEL-AZIZ 'QSL VIA HOME-CALL: HZIUN  
SU2MM MOHEY MOH. TARTOUSIEH "QSL VIA SU2MT  
SU2MS MAHMOUD AL-SORY '22 EL-GEESH ST., STANLY, ALEX.  
SU2MT MOHAMMED TARTOUSIEH 'POB 1616, ALEXANDARI  
SU2NN NAZLI MOHIEY-ALDEEN "QSL VIA SU2MT  
SU2RS SELIM AL-RIFAIE 'VIA HOME-CALL: OE6EEG  
SU2TA TAREK ABDALLAH 'POB 250 EL-SARAY, 21411 ALEX.  
SU3AM AHMAD AL-SAGIR '7 ORABI ST., PORT-SAID  
SU3FM FAHMY MESALLAM 'POB 777 PORT-SAID 42111  
SU3YM YASSER MAHDY 'POB 545 PORT-SAID 42111  
SU9LL LUCIANO LOSI "7 EL-BUSTAN St., BABELLOUK, TAHRIR, CAIRO  
SU9ZZ JARO JAMRICJ 'VIA HOME-CALL: OM3TZZ  
SU/ZS6WPX Andre Van Wyk "QSL VIA HOME-CALL ZS6WPX

### 53.4 German Result of the IARU-Region 1 Field Day SSB 2001

(Place, Call, DOK, Score, QSOs, QSO-points, Multis, Point-reduction)

#### Category limited - EK - (100 W, one antenna):

1. DK0MN/p C12	549.032	851	2.936	187	2.7%	9. DL0EI/p G26	199.980	541	1.818	110
2. DL0ET/p A24	438.828	745	2.522	174	0.9%	10. DL0UP/p L11	193.248	550	1.952	99
3. DL0GP/p P17	372.300	742	2.550	146	2.3%	11. DK0OI/p H37	178.467	527	1.767	101
4. DL0LK/p E03	292.254	631	2.181	134		12. DL0OO/p C09	158.878	406	1.406	113
5. DK0DO/p T18	285.600	583	2.040	140		13. DF0CB/p E37	151.467	493	1.741	87
6. DK0NB/p B06	262.386	684	2.322	113		14. DL0GZ/p F16	151.216	398	1.454	104
7. DF0SX/p P51	234.876	598	2.116	111		15. DL0RUD/p X24	147.752	451	1.606	92
8. DF0HO/p I17	213.960	505	1.783	120		16. DK0OH/p M02	145.638	485	1.674	87
						17. DL0WR/p Q21	141.740	426	1.492	95

18.DK0UL/p	P40	139.196	419	1.513	92
19.DL0NQ/p	T20	139.160	398	1.420	98
20.DK0WS/p	U19	136.800	456	1.520	90
21.DL0NO/p	E12	135.622	453	1.634	83
22.DK0VA/p	C01	131.424	379	1.369	96
23.DL0VE/p	I20	129.065	433	1.555	83
24.DL0LB/p	P06	124.333	391	1.397	89
25.DF0MN/p	A47	122.200	374	1.300	94
26.DL0AP/p	N51	112.960	393	1.412	80
27.DK0TV/p	K53	107.016	383	1.372	78
28.DL0SP/p	D06	104.058	350	1.269	82
29.DL0CK/p	R04	89.792	392	1.403	64
30.DL0SAW/p	W13	77.868	256	927	84
31.DL0HM/p	Z07	64.395	328	1.215	53
32.DK0FT/p	Q08	62.760	280	1.046	60
33.DF0LE/p	P54	56.059	259	919	61
34.DF0AS/p	U15	20.292	143	534	38
35.DL4AUE/p	X35	6.328	61	226	28
36.DL0MFL/p	S50	4.664	55	212	22
37.DH8WKA/p	X35	3.840	52	192	20

**category - OA - (single operator, 100 W, no antenna restriction):**

1. DF1RL/p	M05	47.824	262	976	49	6.1%
2. DK4MX/p	X35	29.750	160	595	50	2.3%
3. DH0HQ/p	W35	17.955	134	513	35	3.5%

**Category - OB - (100 W, no antenna restriction):**

1. DL0SE/p	O32	517.860	854	2.877	180	0.6%
2. DK0VD/p	P09	408.735	763	2.637	155	1.4%
3. DL0QS/p	I45	389.781	721	2.421	161	3.7%
4. DK0ED/p	C25	382.624	645	2.174	176	
5. DL2OBF/p	H15	299.300	594	2.050	146	
6. DL0SG/p	U14	261.225	608	2.025	129	
7. DL0ST/p	P11	252.625	581	2.021	125	
8. DF0TX/p	E38	242.364	631	2.126	114	
9. DK2LB/p	E31	227.238	540	1.878	121	
10.DK0WT/p	A36	227.136	590	2.028	112	
11.DL0VN/p	Q05	221.730	554	1.945	114	
12.DL0FU/p	C28	214.912	501	1.679	128	
13.DL0CB/p	Y24	207.459	535	1.869	111	
14.DL0HN/p	P05	204.848	479	1.652	124	
15.DL0WB/p	P36	198.744	560	1.911	104	
16.DK0PC/p	M11	192.603	510	1.767	109	
17.DK0SC/p	B13	192.363	511	1.733	111	
18.DL0GT/p	T17	184.164	515	1.788	103	
19.DK0CU/p	B07	171.990	506	1.755	98	
20.DF0SI/p	T01	170.379	477	1.721	99	
21.DF0SAR/p	Z19	155.643	499	1.789	87	
22.DL0PDM/p	Y09	151.500	417	1.500	101	
23.DK0VE/p	P15	135.333	376	1.367	99	
24.DL0UM/p	F15	132.088	438	1.501	88	
25.DK0FJ/p	P48	128.016	423	1.524	84	
26.DH8TW/p	P50	126.672	390	1.456	87	
27.DK0HH/p	G22	119.504	382	1.358	88	
28.DK0CN/p	T19	113.872	371	1.294	88	
29.DL0WF/p	D11	112.660	376	1.310	86	
30.DL0SLZ/p	X36	112.350	410	1.498	75	
31.DL0NR/p	M09	111.972	368	1.302	86	
32.DK0HW/p	G38	104.714	385	1.277	82	
33.DK0MAR/p	E35	91.785	300	1.055	87	
34.DN2BW/p	I38	84.878	396	1.369	62	
35.DK0ABG/p	X39	82.806	321	1.119	74	
36.DF0PT/p	I38	72.864	297	1.056	69	
37.DK0FFO/p	Y22	70.028	242	854	82	
38.DL0ERZ/p	S14	58.435	235	899	65	
39.DM3HZN/p	S53	55.342	219	826	67	

40.DL0WT/p	L23	50.778	214	806	63
41.DL0EKO/p	Y13	49.840	236	890	56
42.DK0VN/p	L24	21.168	123	432	49
43.DL0OVG/p	M10	8.126	66	239	34

**Category - OB/qrp - (10 Watt, no antenna restrictions):**

1. DL0AR/p	B39	216.600	516	1.805	120	5.5%
2. DL0AM/p	T07	110.292	354	1.313	84	6.0%
3. DL0OI/p	Q13	86.358	320	1.167	74	2.3%
4. DF0WAT/p	O33	80.676	263	972	83	
5. DL0KF/p	M30	58.499	259	959	61	
6. DL0IT/p	Q02	42.630	173	609	70	
7. DL0KM/p	L14	31.515	159	573	55	

**Category - OC - (750 Watt, no antenna restrictions):**

1. DL0CS/p	M15	948.753	1.314	4.293	221	0.4%
2. DL0LA/p	U08	792.948	1.193	3.887	204	2.1%
3. DL0DAN/p	Z65	751.824	1.124	3.632	207	2.7%
4. DL0SN/p	O16	588.384	1.109	3.632	162	
5. DL0PI/p	A21	268.499	672	2.219	121	
6. DF0AW/p	R29	237.006	607	2.079	114	
7. DF0WB/p	O44	213.967	587	1.963	109	
8. DL0WMD/p	V07	89.928	353	1.249	72	
9. DN2OS/p	H31	25.878	132	454	57	

**Category - D - (portable station outside Germany):**

1. G3WAS/p	D/OC	1.419.285	1.821	5.793	245	3.9%
2. G3TBK/p	D/OC	1.027.749	1.637	5.217	197	3.4%
3. G6YB/p	D/OC	1.002.267	1.693	5.303	189	4.0%
4. S55A/p	D/OC	573.900	1.197	3.826	150	
5. RK2FWA/p	D/OC	489.683	948	3.119	157	
6. G4IRC/p	D/OC	477.360	1.110	3.672	130	
7. RK4LWH/p	D/OC	387.600	785	2.550	152	
1. RK3VXF/p	D/EK	357.864	671	2.294	156	
2. M0CAM/p	D/EK	305.712	667	2.316	132	
1. ER3R/p	D/OB	266.418	619	2.166	123	
3. G3UES/p	D/EK	231.363	547	1.881	123	
4. RK3VWA/p	D/EK	102.178	303	1.087	94	
5. OH4OD/M	D/EK	36.846	216	801	46	
6. HB9R/p	D/EK	14.110	107	415	34	

**Category - F - (fixed station):**

1. DL2HWO/p		70.488	400	1.602	44	7.8%
2. UA3TU		33.180	196	790	42	6.1%
3. DL0SHA/p		32.340	231	924	35	1.3%
4. OG3OJ		30.558	231	926	33	
5. UZ4E		25.232	164	664	38	
6. RM9A		19.200	100	600	32	
7. DK0CD/p		11.144	99	398	28	
8. UA4FER		10.972	105	422	26	
9. DK7FP/p		8.970	97	390	23	
10.DK7MCX		8.250	82	330	25	
11.YU1AAT		8.208	75	304	27	
12.DL4RDJ		7.172	81	326	22	
13.DL8UAA		5.808	66	264	22	
14.DL3KDC		5.772	111	444	13	
15.DL9GMN		5.106	55	222	23	
16.OZ/DF7YU/p		4.608	64	256	18	
17.DL1DTC		3.888	40	162	24	
18.DJ9AO		3.740	55	220	17	
19.DL1JMS/M		3.200	40	160	20	
20.DL2YET		1.368	38	152	9	
21.DK5AN		1.210	28	110	11	
22.RA4LZ		638	14	58	11	
23.UA4LDP		480	12	48	10	
24.RW4FX		368	23	92	4	
25.DL1NEO		80	10	40	2	

Checklogs: DF2HL, DF2OSB, DF4ZW, DF6JC, DH7WW/p, DJ1VQ, DJ2GG/m, DJ3ZG, DJ7TW/p, DK0AZ/p, DK0CQ, DK0NK/p, DK0ZM, DK5JG, DL0MUE, DL0OH/p, DL0RN/p, DL4RU/m, DL5JAN, DL7VMM, DL7VRG, DL8YR, DL9AWI, DN2FM, DN2XA/p, EI7M/p, ER3HW, JE3UHV

All logs are electronic checked. We have checked 66.476 qsos - it was possible to verify 34,42 % of the qsos.

Thanks to the fixed stations and to the stations outside of Germany, which have sent the logs.

Special thanks to Holger, DL5KUT for scanning and converting the not electronic logs.

73 de Manfred, DK 2 OY

### 53.5 160 meter in Region 1

Colin, G3PSM has, in preparation of a meeting with his administration, asking information on the use of 160 meter in Region 1. Here is the result of that questioning.

Updated Region 1 160 Metre information as at 7th December 2001

Country	Society	Allocation (kHz) & class	Power	Remarks
Belgium	UBA	1810-1830	1000 Watts	Available on the basis of non-interference to other services Primary (from 9th January 2001)
		1830-1850	1000 Watts	
Bulgaria	BFRA	1810-1850	1500 Watts	Extended for CQWW, CQWPX and CQ160 contests only
		1850-1880	1500 Watts	
Croatia	HRS	1810-1850	150 Watts PEP	Secondary
Cyprus	CARS	1800-2000	26 Watts	should probably be 26 dBw
		1810-1850 (A, B & C)		
Czech Rep.	CRC	1850-2000 (All classes)	A: 750 Watts B: 300 Watts C: 100 Watts	
			20 Watts output	
Denmark	EDR	1810-1850	800 Watts	
		1850-1900	10 Watts	
		1930-2000	10 Watts	
Estonia	ERAU	1810-1850	800 Watts	
		1850-1955	100 Watts	
France	REF	1810-1850	500 Watts	Primary
Germany	DARC	1810-1850	75 Watts PEP	Primary
		1850-1890	75 Watts PEP	Secondary
		1890-1950	10 Watts PEP (On special request)	Available on the basis of non-interference
Israel	IARC	1810-1850	1500 Watts	
		1850-2000	40 Watts	
Ivory Coast	ARAI	1810-2000	2000 Watts	
Kuwait	KARS	none		
Lithuania	LRMD	1810-2000	1000 Watts	
Mali	CRAM	none		
Monaco	ARM	1820-1850	100 Watts input	
Norway	NRRL	1820-1850 (A & B)	A: 1000 Watts B: 100 Watts	Effective 5th November 2001
RSA	SARL	1810-1860	400 Watts PEP	
Russia	SRR	1810-2000	10 Watts	
San Marino	ARRSM	1810-1900	1000 Watts	
Slovenia	ZRS	1810-2000	300 Watts maximum dependant on licence class	
Spain	URE	1830-1850	200 Watts	
Sweden	SSA	1810-1850	1000 Watts	1930-2000 expected later this year, 10 watts
		1930-2000		Awaited
Syria	TIR	1810-1960	1000 watts	
U. K.	RSGB	1810-1830	400 Watts erp	Primary. Available on the basis of non-interference to other services (outside of the UK)
		1830-1850	400 Watts erp	Primary
		1850-2000	32 Watts erp	Available on the basis of non-interference to other services (inside or outside of the UK)

I want to thank all people who have send me information for the newsletter. I am looking forward to hear from you.

Best 73 de  
Carine Ramon - ON7LX  
Chairperson.