

BCC Meteor Scatter Contest

Geminids Shower

2004



Results & Comments

DL₁ MAJ & DL₅ MAE

BCC - METEORSCATTER - CONTEST 2004

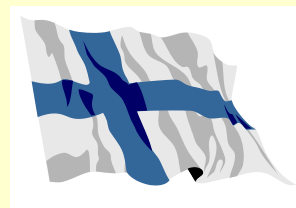
RESULTS OF THE 15th BCC METEOR SCATTER CONTEST GEMINIDS SHOWER 2004

CATEGORY II - Multi OP

Pl.	CALL	QSOs	Points	Pfx	Score	FSK/CW	QTH Loc	RIG
1	OH9O	164	492	104	51168	164/0	KO19FU	800W, 2x10ele
2	YT7WA	125	375	90	33750	125/0	KN05FG	350W, 10ele + 2x11ele
3	DA0WAE	101	286	72	20592	100/1	JO41GU	750W, 2x14 + 4x5 ele
4	RX1AS	85	225	73	16425	85/0	KO59FX	1KW, 4x21ele
5	9A1CAL	69	205	51	10455	69/0	JN86EL	300W, 2x17ele
6	LZ1KWT	60	178	52	9256	60/0	KN22TK	1KW, 4x15ele
7	DL0AO	62	180	44	7920	62/0	JN59WK	400W, 2x17ele
8	DK0OG	55	149	42	6258	55/0	JN68GI	750W, 8x17ele
9	RK1B/1	47	141	33	4653	47/0	KO67PX	1KW, 17+17ele
10	OZ2AR	43	117	39	4563	43/0	JO66HB	1KW, 4x9ele
11	9A7D	40	98	31	3038	40/0	JN95CI	700W, 4x15ele
12	PI9CM	23	67	23	1541	23/0	JO22VA	800W, 18ele
13	MS0FNR	2	6	2	12	2/0	IO88KK	100W, 7ele

Teamwork:

OH9O: OH6JW, OH8MSM
YT7WA: YT7WA, YU7KB, YU7MS, YU7ON, YU7PS, YZ7MON
DA0WAE: DK3EE, DL3YEL
RX1AS: RX1AS, RU1AC
9A1CAL: 9A4DE, 9A4RJ, 9A5AVW, 9A5TR, 9A6WW
LZ1KWT: LZ1JH, LZ1DP, LZ1ZX, LZ1UK
DL0AO: DC6RN, DG7RZ, DO1RJ
DK0OG: DL2RMC, DM5TI, DF7RG,
RK1B/1: OH5LID, RA1TL, RU1AS
OZ2AR: OZ1BNN, OZ1PIF, OZ1RH, OZ2M
9A7D: 9A2SD, 9A3HX, 9A3TU
PI9CM: PA0PVW, PE1LWT, PA3FPQ, PE2SVN
MS0FNR: MM0DQP, MM5AJW



**Congrats to the Winner Team of
OH9O !**

BCC - METEORSCATTER - CONTEST 2004

CATEGORY I - Single OP

Pl.	CALL	QSOs	Points	Pfx	Score	FSK/CW	QTH Loc	RIG
1	SP4MPB	86	255	65	16575	86/0	KO03HT	400W, 17ele
2	LZ2FO/p	72	216	60	12960	72/0	KN14KA	500W, 15ele
3	Z35Z/P	67	201	48	9648	67/0	KN02WC	200W, 2x7ele
4	S51AT	57	174	48	8352	56/1	JN75GW	300W, 16ele
5	EA3AXV	52	156	44	6864	52/0	JN01TJ	1KW, 17ele
6	OH6QU	50	146	40	5840	50/0	KP03SD	500W, 13ele
7	IW2HAJ	43	119	41	4879	43/0	JN45NO	
8	F1NSR	46	133	34	4522	46/0	JN33JK	500W, 11ele
9	SM5TSP	39	117	34	3978	39/0	JP90BD	350W, 4x18ele
10	IC8FAX	43	107	37	3959	43/0	JN70CN	
11	DK8ZJ	41	119	32	3808	41/0	JO54AG	750W, 4x12ele
12	EA3DXU	37	111	33	3663	37/0	JN11CM	700W, 2x17ele
13	DJ9YE	37	109	30	3270	37/0	JO43HV	600/400W, 15ele
14	YU7AA	35	99	33	3267	35/0	JN95NS	500W, 4x10ele
15	S53J	34	80	32	2560	34/0	JN75EV	800W, 4x17ele
16	OK2PTC	33	89	25	2225	33/0	JN89JM	300W, 15ele
17	PE1IKX	27	77	24	1848	27/0	JO11TL	400W, 15ele
17	UR5SKB	27	77	24	1848	28/0	KN28IW	50W, 9ele
19	DF8IK	30	76	24	1824	30/0	JO30JT	600W, 11ele
20	SM0EPO	25	71	23	1633	25/0	JO89XM	90W, 2x6ele
21	DL1RNW	26	78	17	1326	26/0	JO62GH	120W, 2x9ele
22	PA5DD	21	63	20	1260	21/0	JO22IC	400W, 15ele
23	RA3DWK	19	55	17	935	19/0	KO81BR	50W, 11ele
24	SM5CUI	18	54	16	864	18/0	JO89VX	800W, 4x10ele
25	RW1ZC/2	17	49	17	833	17/0	KO04FQ	70W, 10ele
26	PA3FPQ	16	48	16	768	16/0	JO22XE	400W, 10ele
26	RW3PF	16	48	16	768	16/0	KO93CD	300W, 4x10ele
28	DL4EBV	18	50	15	750	18/0	JO31HK	300W, 16ele
29	LZ1ZP	14	42	13	546	14/0	KN22ID	150W, 11ele
30	F8DO	12	36	12	432	12/0	JN26IF	800W, 10ele
31	EA5ZF	13	31	12	372	13/0	IM99VT	600W, 17ele
32	G0CUZ	10	28	10	280	10/0	IO82WM	300/600W, 5ele
33	RX1AX	10	26	10	260	10/0	KO59EW	100W, 13ele
34	DL1MAJ	8	36	6	216	4/4	JN68AH	500W, 2x17ele
35	LA0BY	8	24	8	192	8/0	JO59FW	180W, 9ele
36	F4DXX	7	21	7	147	7/0	IN97LH	70W, 17ele
37	DL1RTL	7	21	6	126	7/0	JO62PH	100W, 13ele
37	IV3MPI	7	21	6	126	7/0	JN65SV	500W, 2x12ele
39	OK1TEH	6	18	6	108	6/0	JO70FD	100W, 7 ele
39	DL4YAO	6	18	6	108	6/0	JN58WV	50W, 10ele
41	UA3YOZ	7	21	5	105	7/0	KO63QQ	50W, 10ele X
42	DL3IAS	5	15	5	75	5/0	JN49EJ	20W, 10ele
42	IW7DEC	5	15	5	75	5/0	JN81GF	50W, 14dbd HM yagi
44	IW2NEF	4	12	3	36	4/0	JN46QD	50W, 12ele
45	LZ5GM	4	10	3	30	4/0	KN32QL	200W, 7ele
46	DL8EBW	3	9	3	27	3/0	JO31NF	700W, 11ele
47	ON6NL	3	9	2	18	3/0	JO21UE	100W, 13ele

BCC - METEORSCATTER - CONTEST 2004



**SP4MPB is the winner of the BCC Plaque
in Category I !
Congrats for this great result !**

SOAPBOX !

OH5LID:

BCC 2004 we went to KO67px, that was so interesting place in MWS list. But north corner is quite far away from centre MS activity area. Big tnx RA1TL Victor & his XYL Tatjana to be quest their home during expedition. Main problem we had, not small beer but qrm s3-5, yep there was power plant just 1km from qth... But we did something, indeed nice trip ;)

73 de Janne

PE1IKX:

Hello Bavarian Contesters,

This was the first time I entered the BCC contest, in fact this was the first contest I ever entered since my 23 years of amateur activity! It was fun and I worked more stations then ever before in a shower. The long duration of the contest creates nice new insights on the development of the maximum of the Geminids (or at least this year): The build-up to the maximum was gradual and on the start of the contest, Geminids were easily identifiable on the OSWIN webpage. After the maximum, the Geminids decreased very rapidly, resulting in "poor" conditions on the evening of the 14th. The BCC contest is a great initiative and I hope it will promote the use of "cq xxx" during other showers. TNX Guys, see you on the rocks!

73, Marco,

EA3DXU:

Very good activity on Geminid shower, also a lot of fun , I run all QSO only in FSK441 CQ ??? random system. Looks like some poeple have the antenna only in N , NE or E direction? I heard several QSO from stations running on same QRG , working R „xyz“ or OH stations but I never got their attention Hi. OPs need also a little more patience , a MS random QSO needs some time , the result are many incompleted QSO... This is the list of 17 stations , heard and answered in CQ QRG , but not completed: DF5NK , PE1YSX , DJ7OF , DH6ICE/P , DL1QEW , G0UWK , OK1UND , DK3WG , PA5DA , OK1EN , PD0RFU , DL6CB , DK4YJ , SP6GZZ , PA1FOX , DL3AMI , DL5FDP...

See you next Geminid shower, Josep

BCC - METEORSCATTER - CONTEST 2004

ON6NL :

No special plans to participate. Just liked your certificate of 1992 so had to be on the participants list! Conditions were very disappointing around the forecasted maximum.

73 and lots of stones for 2005! Anton,

Z35Z:

J go to portable location KN02WC to give chance to other to work a new square. The shower was fine at 11,12 and 13th but last day condx were not so fine. All time I worked split, no random qso . Best 73 to all, congratulation to the winners, cul next year!

Dime

9A7D:

This was our first time in BCC-MS/WSJT Contest. Sorry, at the beginning we had problems with the procedure, because we used real split (tx 370, rx 365). Some qso may be not complete, because of our inexperience. We heard many impatient stations, disappearing after one call. Excellent contest ! Best regards to all !

9A7D (9A2SD, 9A3HX, 9A3TU)

YT7WA:

Hello MS Friends,

This MS contest we will remember by many technical problems. Instead of GS35B we worked only with 4CX250B and 350W because at the very start our HV transformer broke. We also had problems with MGF1302 as well as with other devices on receiver side. And on top of all that we had electric power failure.

Contest activity was good during the weekend, but it was weaker at shower maximum. Besides 125C QSOs we also have 44NC. Everything was done with WSJT on CQ385 because our C5400E is old-fashion and we are working at X-tal controlled frequency. Fine frequency tuning is done with GPS control. Again this year we did not have access to DX Cluster from our portable location. Now I see that some people have confirmed QSO there and I hope that contest organizer will count those QSOs. Thanks to all of our old MS friends and to all the people that called us.

Congratulation to the winners and especially to OH9O team who came to us on CQ.

See you 2005, 73 Gigi

F8DO:

Mny tnx for fun! Good activity...Best was 14th at evening!

73's and good wishes for 2005 , Marius

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EA5ZF:

Very good signals 13 Dec. night, rest of the days some activity, but mostly same peoples bursts. My actual QTH is not so good for VHF activity, we live between mountains, but with power and hard work we can make a few QSO's. Very good backscattered bursts of EA3AXV over a distance of around 300 km. CN8 is a new grid for me, but they are not in contest and no count for points.

73 until next year, I hope to be active the next years with better equipment!

Xavi,

G0CUZ:

The shower seemed to peak around 2000z on the 13th, much as predicted but conditions not exceptional. Outside of the peak, reflections were generally rather poor. Running this year without my GAASFET pre-amp as QRO FSK session burned it during Persieds!. Tried, without any result on 144.100 HSCW - nothing heard at all. Although I do not have a likeing for FSK, it has created a lot of activity I would suggest for future events that there could be two calling frequencies, so that either 1st or 2nd calling periods could be used, there is a big disadvatage to us here in the West, as all DL is on the 2nd period like us, so not much chance of QSOs - DL is still good workable DX from here with many areas >1000KM ,

My RIG: FT726R 2 X 3CX400A7 300-600W out, 5 el yagi. + WSJT soft

Thanks to everyone for the QSOs and thanks to the BCC team for their continued support of this Contest.

73 Colin Morris - IO82WM

IW2NEF

I was pleased to be present for the first time to this contest. 73 de Flavio

LA0BY:

I was listening also for HSCW (hrd and called IIDMP). Unfortunately I had very limited time, and was not at home during the shower maximum. So I did not make many contacts.

73, Stefan

SM5TSP:

Lot´s of meteors and good activity made this contest very enjoyable. Most of the stations I heard used the BCC calling method and therefore did never 370 collaps in qrm. Was unfortunately to tired to be awake during the maxima due to qrl, but had a lot of fun and I´m already looking forward to the contest next year.

73, Lars

DJ9YE:

I had so much fog this year. This cause powerline noise up to S9 direction 45deg (OH) and 135 deg (HALZ). I hope to get better RX-conds next year !

73, Klaus

DK8ZJ:

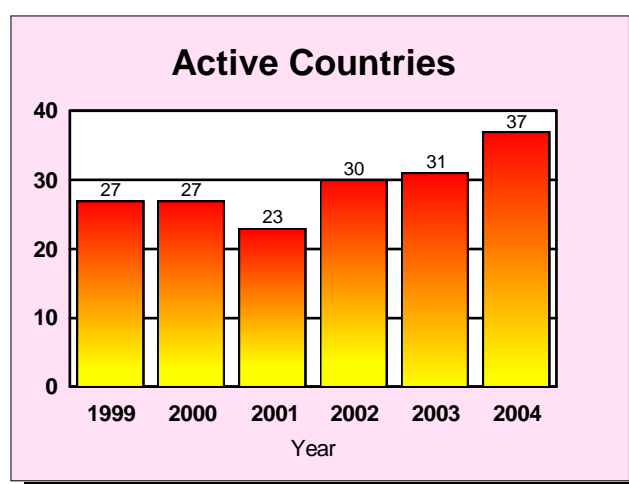
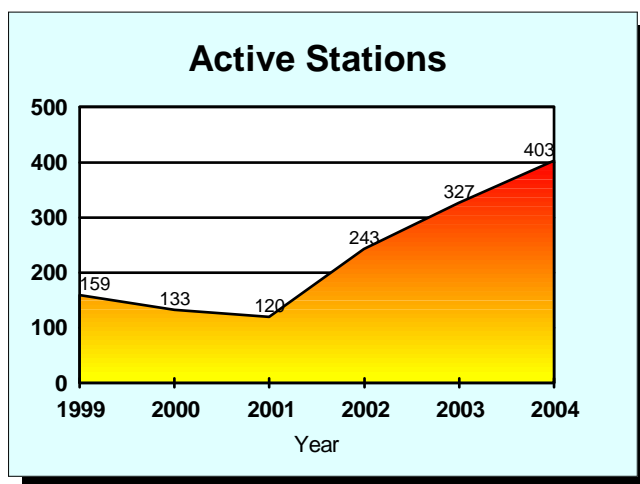
Because of a influenza I couldn´t take part the whole contest, what a pity, it was funny....

Best 73, hope to see you 2005, Martin

STATISTICS

Active stations and countries while the BCC MS Contest since the year 2000....

2000		2001		2002		2003		2004	
Land:	Teiln.	Land	Teiln.	Land	Teiln.	Land	Teiln.	Land	Teiln.
9A	1	9A	4	9A	2	9A	2	5B	1
9H	1	DL	42	DL	73	CT	1	9A	2
DL	47	EA	1	EA	6	DL	88	DL	87
EA	4	EU	1	ES	3	EA	5	EA	9
ES	2	F	6	EU	1	ES	2	EA6	1
EU	1	G	3	F	20	F	12	EI	2
F	8	HA	3	G	12	G	12	ER	1
G	6	I	4	GD	1	GM	1	ES	2
HA	3	LA	1	GM	2	GW	4	F	23
HB	2	LY	2	GW	3	HA	8	G	22
I	9	LZ	4	HA	2	HB	3	GM	2
LA	1	OE	1	HB	5	I	22	GW	4
LX	1	OH	4	I	17	LA	7	HA	10
LY	1	OK	3	LA	3	LY	1	HB	2
LZ	6	ON	3	LY	1	LZ	8	I	26
OH	5	PA	10	LZ	8	OE	7	LA	2
OK	4	UA	11	OE	4	OH	18	LZ	6
ON	3	UB	2	OH	10	OK	18	OE	5
PA	7	S5	6	OK	9	OM	5	OH	22
UA	9	SM	4	OM	3	ON	5	OK	18
S5	3	YO	2	ON	7	OZ	5	OM	4
SM	1	YU	2	PA	11	PA	30	ON	8
SP	1	Z3	1	S5	6	S5	8	OZ	10
TK	1			SM	5	SM	13	PA	38
UB	2			SP	6	SP	14	S5	7
YU	3			TK	1	UA	20	SM	12
Z3	1			UA	18	UB	4	SP	17
				UB	1	YL	1	SV	3
				YU	2	YO	1	TK	1
				Z3	1	YU	1	UA	38
						Z3	1	UA9	2
27	133	23	120	30	243	31	327	UB	5
								YL	2
								YO	3
								YU	4
								Z3	1
								ZA	1
								37	403



BCC - MS - CONTEST RULES - REGELN 2005

The Bavarian Contest Club (BCC) invites all active meteor scatter enthusiasts to join the MS contest hold during the Geminids shower 2005. The aim of the contest is to generate more activity on the random frequency and make MS random operation more popular. It will also provide interesting information about MS propagation at various times of the shower. And it will give the little pistols a chance to work the big guns, who are usually just out for square hunting.

Contest period: 11 December 2005, 20:00 UTC to 15 December 2005, 02:00 UTC.

Mode: CW and / or WSJT.

Participation: Category I: Mixed Single Operator , Category II: Mixed Multi Operator .

During the contest it is allowed to change the QTH to another grid square. In this case the same station can be worked again. The new QTH must be indicated by the callsign (e.g. OH2AV, OH0/OH2AV). You can take part in **HSCW as well as in WSJT**, but you have to mark each QSO with the mode (CW/WSJT).

Sked QSOs do not count for the contest ! QSOs confirmed via Packet Radio or Internet do not count for the contest !

Frequencies:

CW: It is recommended to use the frequency range from 144.095 to 144.105 Mhz for CQ calls using the **IARU Region 1 procedure** (letter system). There are no frequency limits. If there is no clear frequency between 144.100 to 144.126 MHz, then please try to use a "Extended Letter System" (*i.e.* CQ "AA" = TX-QRG + 27KHz, CQ "BB" = TX-QRG + 28KHz, CQ "CC" = TX-QRG + 29KHz...).

WSJT: It is recommended to use beside the frequency **144.370** MHz also **144.350** for CQ Calls. Alternate to the IARU Region 1 procedure you should use the **„BCC-procedure"** with two or three numbers of your operating QRG (*i.e.* „CQ 68" or „CQ 368" means, that your operating frequency is 144.368 MHz)

Only one TX signal is allowed at any time .

Exchange: Full callsigns, reports and final rogers.

Scoring: A complete random **WSJT** MS QSO counts **1 QSO** point. A **WSJT** random MS QSO achieved **using the letter or BCC system** counts **3 QSO** points. A complete random **HSCW** MS QSO counts **2 QSO** points. A **HSCW** random MS QSO achieved **using the letter or BCC system** counts **6 QSO** points. **You can work a station one time in CW and one time in WSJT** (exception: change of QTH.)

BCC - MS - CONTEST RULES - REGELN 2005

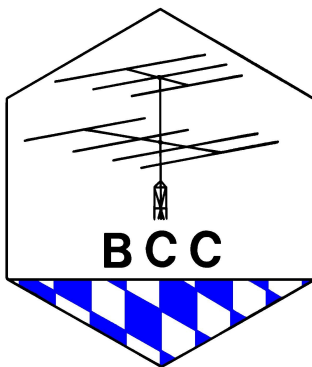
Multiplier: Sum of different prefixes worked. Prefixes are defined according to WPX rules (Example: DL5, DL1, DJ8, DA0, DF9, I2, IK2, IW2, IT9, EA3, EB3, RK2, W7, WB7, PA0, PA3, S51, S53 are different prefixes).

Final Score: Total QSO points times multiplier. Example: 10 HSCW and letter system QSOs give 60 points, 15 WSJT letter QSO's 45 points and 10 WSJT Random QSOs 10 points, together 115 points. You worked in CW and WSJT 20 different prefixes. Final result: 20 x 115 = 2300 Pts.

Logs: The following data must be included: Operator's name, category, callsign, address and QTH locator. Multi OP stations list all operators. For each QSO: date, time in UTC, worked station, report sent and report received and mode (CW/WSJT) must be given. Mark all QSOs which were conducted using the IARU-Region-I letter system. Also technical data about equipment and antennas used should be stated. Deadline is 31st December, 2005 (postmark).

Awards: The winner of the contest is the station with the highest score. If two stations submit equal scores, the log with the better multiplier wins. The winner of each Category will receive a plaque. Printed results will be sent to all participating stations via E-mail or snail mail. Magazines and radio amateurs world wide have been informed about this activity.

Please send your Logs to following adress :



Bavarian Contest Club
- MS Contest -
Kellerberg 2
85461 Gruenbach,
Germany

Or better to: DL1MAJ@aol.com

All incoming E-Logs will be confirmed !
(if you have problems with AOL send it to
DL1MAJ@BDXG.DE)

BCC - MS - CONTEST RULES - REGELN 2005

Der Bayerische Contest Club (BCC) lädt alle aktiven Meteorscatter-Freunde zu einem Meteorscatter- Contest während des Geminidenschauers 2005 ein. Ziel des Wettbewerbs ist es, die Random- Frequenzen zu beleben und die MS-Random-Aktivität zu steigern. Der Wettbewerb dient außerdem der Erforschung der MS-Ausbreitungsbedingungen zu verschiedenen Zeiten dieses Schauers. Er gibt Stationen mit kleiner Ausrüstung eine Gelegenheit, die DXer zu arbeiten, die normalerweise nur Ausschau nach neuen Großfeldern halten .

Wettbewerbsdauer: 11. Dezember 2005, 20:00 UTC bis 15. Dezember 2005, 02:00 UTC.

Betriebsarten: CW und / oder WSJT

Teilnahme: Kategorie I: Single Operator Mixed, Kategorie II: Multi Operator Mixed

Während des Contests ist Standortwechsel in ein anderes Großfeld zulässig. In diesem Fall dürfen die gleichen Stationen wieder gearbeitet werden, der QTH-Wechsel muss jedoch am Rufzeichen erkennbar sein (z.B. OH2AV, OH0/OH2AV). Man kann abwechselnd Betrieb in CW und WSJT machen, für die Auswertung wird pro QSO die entsprechende Betriebsart vermerkt !

Sked - QSO's sind nicht zulässig, ebensowenig Bestätigungen via Packet Radio oder Internet !

Frequenzbereiche:

CW: Es wird empfohlen in den Frequenzbereichen von 144.095-144.105 Mhz "CQ" zu rufen und die IARU-Region-1- Prozedur (Buchstabensystem) anzuwenden. Es gibt keinen vorgeschriebenen Frequenzbereich. Sollte im Bereich 144.100 - 144.126 Mhz keine Frequenz frei sein, wird empfohlen, ein "erweitertes Buchstabensystem" nach folgendem Muster anzuwenden: CQ "AA" = TX-QRG + 27KHz, CQ "BB" = TX-QRG + 28KHz, CQ "CC" = TX-QRG + 29KHz usw.

WSJT: Es wird empfohlen, **neben** der QRG **144.370 auch 144.350** MHz als Anruf Frequenz zu verwenden. Alternativ zur bekannten IARU Buchstabenprozedur wird die „**BCC - Prozedur**“ empfohlen, wobei nach dem CQ die zwei oder drei letzten Ziffern der Betriebsfrequenz gesendet werden (z.B. „**CQ 68..**“ oder „**CQ 368..**“ , was bedeutet, dass die Arbeitsfrequenz auf 144.368 liegt).

Jede Station darf nur ein Sendesignal abstrahlen!

Rapport austausch: Auszutauschen sind komplette Rufzeichen und MS-Rapport, entsprechend den Regeln der IARU Region I.

BCC - MS - CONTEST RULES - REGELN 2005

QSO-Punkte: Ein komplettes **WSJT** Random-QSO zählt **einen** Punkt. Ein nach dem o.g. Buchstaben- oder BCC System geführtes **WSJT** QSO zählt **drei (3)** Punkte. Ein **HSCW** Random QSO zählt **zwei (2)** Punkte, ein **HSCW QSO** nach dem Buchstabensystem zählt **sechs (6)** Punkte. Eine Station kann jeweils in CW und in WSJT gearbeitet werden (Ausnahme: bei Standortwechsel).

Multiplikator: Anzahl der verschiedenen gearbeiteten Präfixe, entsprechend den WPX-Regeln (Beispiel: DL5, DL8, DJ1, DA0, DF9, I2, IK2, IW2, IT9, EA3, EB3, RK2, W7, WB7, PA0, PA3, S51, S53 sind alles verschiedene Präfixe).

Endpunktzahl: Summe der QSO-Punkte mal Multiplikator. Beispiel: 10 HSCW QSOs nach dem Buchstabensystem 60 Punkte, 15 WSJT QSOs nach dem Buchstabensystem 45 Punkte, 10 WSJT QSOs Random 10 Punkte, zusammen 115 Punkte, in CW und WSJT zusammen 20 verschiedene Präfixe ergibt $20 \times 115 = 2300$ Punkte

Logführung: Die Logeinsendung muss folgende Daten enthalten: Name, Rufzeichen, Adresse, Kategorie und QTH-Kenner des Funkamateurs. Jedes QSO muss mit Datum, Uhrzeit in UTC, Rufzeichen der Gegenstation, dem gesendeten und empfangenen Rapport und der verwendeten Betriebsart (CW/WSJT) aufgeführt werden. QSOs, die nach dem Buchstabensystem abgewickelt wurden, müssen markiert werden. Multi OP Stationen geben alle Operatoren an. Eine detaillierte Beschreibung der Stationsausrüstung sollte mit eingesandt werden. Einsendeschluss ist der 31. Dezember 2005 (Datum des Poststempels).

Auszeichnungen: Der Gewinner des Wettbewerbs ist die Station mit der höchsten Punktzahl. Bei gleichen Endpunktzahlen entscheidet der höhere Multiplikator. Die ersten Plätze jeder Kategorie erhalten eine BCC Plakette . Die ersten drei Teilnehmer jeder Kategorie erhalten Diplome. Ergebnislisten werden an alle Teilnehmer versandt. Zeitschriften und Funkamateure in fast allen europäischen Ländern sind über diese Aktivität informiert.

Adresse: Bitte die Logs möglichst via E-mail an d11maj@aol.com senden...
Postalische Adresse: am Ende der englischen Regeln

Viel Spass und Erfolg beim scattern !