

BAYARIAN CONTEST CLUB

METEOR SCATTER CONTEST 2006

**RESULTS AND COMMENTS
27.MAY2006**

**DL1MAJ & DL5MAE
CONTEST MANAGER**

RESULTS 2006

SINGLE OP

Pl.	CALL	QSOs	Points	Pfx	Score	FSK/cw	QTH Loc	RIG
1	IS0/HB9FAP	172	510	97	49470	172/0	JN40CW	350+500W 9ele + 4x4 ele
2	LZ2FO/2	120	348	80	27840	120/0	KN14KA	500W 15ele
3	HA4A	90	270	66	17820	90/0	JN96JO	400W 5WL +2WL yagi
4	RU1AC/1	88	264	63	16632	88/0	KP61EE	800W 4x9ele
5	S51AT	76	224	65	14560	76/0	JN75GW	600W 16ele
6	HA5CW	73	204	65	13260	73/0	JN97PM	300W 10ele
7	RA3WDK	74	216	59	12744	74/0	KO81BR	400W 13ele
8	SM7GVF	70	203	56	11368	70/0	JO77GA	1KW 4x14ele
9	S54T	72	200	55	11000	72/0	JN75EW	600W 4x 17ele
10	SP2JYR	72	200	50	10000	72/0	JO92GP	500W 2x 14ele
11	PA3ECU	62	182	50	9100	62/0	JO32CF	600W 12ele
12	RW3WR	60	178	46	8188	60/0	KO71IM	300W 15ele
13	LZ1KJ	53	159	41	6519	53/0	KN31CS	200W 2x 8ele
14	DL0LSW	51	153	39	5967	51/0	JO61XJ	400W 17ele
15	EA3AXV	52	156	38	5928	52/0	JN01TJ	1KW 17ele
16	IT9VDQ	48	136	40	5440	48/0	JM68QC	500W 13ele
17	OM5CM	45	135	38	5130	45/0	JN98FD	750W 9ele
18	DJ9MG	52	128	40	5120	52/0	JO52TC	500W 2x17ele
19	DJ3VI	46	126	38	4788	46/0	JO43VI	600W 14 ele
20	RX1AS	44	130	34	4420	44/0	KO59FX	1KW 4x21ele
21	F6DRO	43	129	34	4386	45/0	JN03TJ	800W 2x9ele
22	IW4ARD	40	112	39	4368	40/0	JN64FD	500W 4x8 ele
23	RX3AA	40	116	37	4292	40/0	KO85PO	600W 15ele
24	DL1MAJ	38	117	32	3744	37/1	JN68AH	700W 2x17ele
25	OT4G	41	113	33	3729	41/0	JO10XO	300W 12ele
26	OH7TE	44	136	25	3400	42/2	KP20IE	250W 15ele
27	YU7AA	35	115	28	3220	35/0	JN95NS	500W 6x 13ele
28	OZ1PIF	31	93	28	2604	31/0	JO65AN	300W 13ele
29	LZ1ZP	30	90	27	2430	30/0	KN22ID	80W 10ele
29	IW0FFK	31	90	27	2430	30/1	JN61FS	100W 12ele
31	OH6QU	33	97	25	2425	33/0	KP03SD	1KW 16ele
32	YL2HA	29	87	25	2175	29/0	KO26BV	400W 4 x 16ele
33	OK1XOD	29	85	23	1955	29/0	JO70IM	150W 14ele
34	OZ5AGJ	27	77	23	1771	27/0	JO56DG	100W 9ele
35	IV3MPI	21	63	20	1260	21/0	JN65SV	500W 2x 12ele
36	HA5LV	22	62	20	1240	22/0	JN97ML	300W 3WL Yagi
37	LA0BY	20	58	18	1044	20/0	JO59FW	150W 9ele
38	9A4EW	20	58	17	986	20/0	JN95KG	200W 10ele
39	DL5XJ	18	54	16	864	18/0	JO54AE	40W 10ele
40	YO5TP	30	30	28	840	30/0	KN16SS	500W 16ele
41	F6BEG	17	47	15	705	17/0	JN25JS	250W 13ele
42	EA3DXU	18	54	13	702	18/0	JN11CM	700W, 2x17ele
43	DK7DR	16	46	14	644	16/0	JN47DP	100W 10ele
44	PE1NFE	15	43	14	602	15/0	JO32KR	50W 8ele
45	YO5BWD	25	25	21	525	25/0	KN27GD	1KW 16ele
46	RV3YM	13	39	11	429	13/0	KO63QQ	50W 5WL Xyagi
47	DF8IK	12	34	12	408	12/0	JO30JT	600W 11ele
48	DL1RTL	11	33	11	363	11/0	JO62PH	100W 13ele
49	DL2RUG	11	31	11	341	11/0	JO62OJ	70W Quad
50	UT5ST	11	33	10	330	11/0	KN28IW	50W 9ele
51	SP8WJW	11	29	11	319	11/0	KN09SR	70W 12ele
52	LZ1OA	10	26	9	234	10/0	KN22TK	700W 12ele
53	DJ2QV	8	24	8	192	8/0	JN59DW	150W 5ele indoor!
54	EA/DL3MGL	5	15	5	75	5/0	JN01ME	800W 17ele
54	DF0BV	5	15	5	75	5/0	JN58VF	30W 8x 17ele
56	LZ1KG	6	14	5	70	6/0	KN31CS	50W 2x16ele
57	DL/HA1BC	1	3	1	3	1/0	JN68AH	40W 10ele

RESULTS 2006

MULTI OP

Pl.	CALL	QSOs	Points	Pfx	Score	FSK/CW	QTH Loc	RIG
1	RU1AA	203	581	120	69720	203/0	KO48VR	1KW 14ele + 4x14ele
2	4O9T	191	573	117	67041	191/0	KN05FG	700W 3x11ele
3	RK1B/1	140	420	83	34860	140/0	KO57QU	800W 2x19ele
4	LA/PA5DD	131	393	88	34584	131/0	JP61CH	1KW 15ele
5	DJ9YE	67	187	50	9350	67/0	JO43HV	200W 17ele
6	LZ9X	46	138	36	4968	46/0	KN22QP	500W 15ele

Teamwork:

OP's			
RU1AA, Alex, RA3AQ, Dmitry			
YU7KB, Bane, YU7MS, Miska, YU7ON, Johnnie, YZ7MON, Ilija			
OH5LID, Janne, RU1AS, RX1AX, UA1AAE			
PA5DD, Uffe, OZ2M			
DJ9YE, Klaus, UT8AL, Alex			
LZ1JH, LZ1RB, LZ1UK			

CHECKLOGS: DL5MAE & Z38C THANK YOU VERY MUCH !

CONGRATS TO THE WINNERS!

RU1AA wins the Multi OP Class,
ISO / HB9FAP wins the Single OP Class !

and will receive the BCC Plaque...

Good luck and much fun in the next
BCC MS CONTEST !

Comments 2006

Even with low power it is possible to make nice MS contacts. I was impressed again from strong back and side scattered reflections, helps me to make many short-distance contacts. Thanks for fun and see you again in 2007 !

It was pleasure to be a part of BCC MS Contest !

George LZ1ZP

1. Very good activity and super reflection in this year.
2. I had big problems during contest from time to time plus too much technical problems. I „murdered“ in first 10 minutes of start: 1st PA - GU35B, rotary yagi on a 32 meter high tower, GaAs FET PreAmp. I used single PA and lower fixed antennas from my 2nd QSO. No internet on my station.
3. Too many stations used DXCLUS, ON4KST chat... - OH!

HA3UU / HA4A

It was my first "full-time" BCC MS contest and it was a nice chance to test my little EME station! PA, sequencer and relays worked really fine all the time! Compared to the last years I found the reflexions very fine with the maximum in the early morning of the 14th Dec.

With kind regards, 73,

Rudy PA3ECU

Hello, here is my log
Many thanks for this very funny contest!
Please let me know if all is ok,
thank you and happy 2007

73 Marco, IW0FFK

TNX for NICE MS Cont.2006. This is my first participation and I was very happy with the activity. Because I worked from the central part of the town, I had much, much terrible QRM [I also made some for my neighbours HI...]

LZ1OA Atanas

FB contest this year, best portable result that we are ever made! Just nice to make QRM there when know that we made antenna setup 2 hour, most of operators made it maybe 10 years or even more. Hope BCC future have also "portable class" - because during Geminidies shower is great time for camping, never mosquitos problem. Night times burst were great, just nobody QRV 01-04 UTC, so QRL days and need to rest. Just good tips to small guns, be ready night times, then it's easy to work without pile'up. 2007 shower seems also to be without whole weekend...

73 Janne OH5LID

Comments 2006

Hello dear friends of BCC,
I had 3 evenigs free and i enjoy very much to partecipate your beautiful MS Contest.
I was very happy to work TA in 2 meters (1st time) and a lot of very good stations.
Some of you (DL and YU) stations I received via tropo , so I see you next SSB test.
Best 73s and Merry Christmas and Happy New Year to you and your families .

73 de IV3MPI Edi

What a nice experience! After many years of qrx, again qrv on MS, and of course active on BCC Contest; my goal it was to have more qso then the 32 i had the past month in 2006 Leonids shower, so I win with myself! Big meteors activity both 13/14, but after 10:00z no more meteors; no peak found at 10:45z as predicted and no more qso, like a wall, probably because the radiant was setting 09:00z at my home! Thank you all for your patience to copy my signals from 'deep South'.....

Gius, IT9VDQ

Hello MS friends,

This year, our team worked in BCC MS contest under a call sign 4O9T, which was registered to our club for the event.

We used the call sign to honour 150th anniversary of birth of great scientist Nikola Tesla.

We were stationed in our usual location KN05FG.

We completed 195 fsk441 QSOs during the contest.

This was our equipment:

700W and 3 x 11el Yagi

Everyone who did QSO with us will get a special QSL card :)

We want to thanks to all of you who called or worked QSO with us.

You can see photos from contest on the website of our club:

<http://www.yt7c.org>.

YU7MS/4O9T

I started my activities on 2M only 2 months ago. I have no experience with contesting, but this is a nice opportunity to do a first try.

73 Frank PE1NFE

Comments 2006

TNX for NICE MS Contest !!!

It was really lot of fun for me. I worked only 2 days, because I had to go to my QRL. I find that activity was very good. All QSO`s I was made with the BCC procedure. Many thanks to the BCC team, who organize this nice MS Contest !

Best 73 ! LZ1DP / Hristo

Thank all for the QSOs, I see you next time from new QTH JO47IA!
vy 73 Benny / OZ5AGJ

*... NC and hrd, or called me but no QSO because other QSO same time:
HA5CW 26, DL5FDP 26, DH4FAJ, DL4NAK, DF5LE, RX1AS, G4FUF, SQ2SAT,
DL5BBF, DJ3VI, OM5CM*

I worked in this fb BCC contest after long time. My three first BCC MS contest's in OH2AV Club station began 1990 (?) with tape recorders, timers, up-converters, memory keyers etc etc versus PC system now have same hard job for me because I'm no young man anymore!

*Station: Modified TR-751A + modified NAG-144XL + CueDee 144-15
10 deg tilted for MS*

*Programms: WSJT version 5.9.6 r309 and WinMSDSP 2000 (10.12.2000)
PC: IBM 600E laptop 366MHz 6G HDD 288M RAM.
Isolated home made interface*

Longest QSO 1915,9km with F6HVK.

73 and happy 2007 de
Yussi OH7TE (ex OH9TE, OH9NLO)

I have participated for the first time to this contest and I had the impression, that this contest recalls a big number of stations... I worked 5 new in this contest!
There were good reflections this year with the peak at morning of the 14th....

73 Gianni, IW4ARD

... After my preamp died, I had to wait for better reflexions. This time I had no problems with the "QSY" procedure. Please note, my locator is JO43VI since about 5 years..

Best 73,
Sigfried, DJ3VI

I just moved to my new QTH and there are no antennas installed yet. So I thought give it a try with a small 5 ele Yagi (2m boom) inside the house - next to a first floor window which is

Comments 2006

facing towards the eastern direction. It proved that Meteorscatter QSOs are possible even with a very simple setup. Operating time was also limited due to work and family commitments - total time spent at the radio was about 10 hours. Thanks to everybody for the QSOs - hope to work you again with a more competitive setup next year.

Maik DJ2QV



QTH from IS0/HB9FAP, Fabio, who won the BCC MS Contest 2006 as single OP!

„Man at work“

... Oh my god! But it runs...!



It
's good to have a big car!



EA3DXU - silent key !

Dear Friends,

in 1990 I created a new contest. This was a Meteor Scatter Contest organized by the Bavarian Contest Club (BCC). Since the very first contest we had Jose, **EA3DXU**, as a regular participant.

As most of you probably know we lost our good friend Jose on October 5th 2007 at 04.30 utc after some time of illness.

Jose was a very enthusiastic VHF operator and DXer. Also, he was doing DXpeditions by himself (i.e. C31 or EA9 and others). I personally worked Jose on almost each possible mode on 2m (Es, MS, FAI and EME, even when he had just a single yagi). I also worked Jose when I was on DXped myself, on MS from SV9, CT3 via EME when I was active as 9Y4/DL5MAE or 5B4/DL5MAE. This EME CW contacts took place from 2 yagi - 2 yagi only!

Our friend Jose got 2m DXCC with just 2 yagis and worked NF2V (Vermont State) for his WAS # 50 just a few days before he passed away! TNX to NF2V!

I am really glad I met Jose also personally. First time it was sometime in the 80s in Weinheim and the 2nd time it was in Switzerland at the EME meeting. I did not know him very close but I will keep his friendliness and cordial character for ever in my mind. World is changing fast and everything has to go fast and faster and commercial. I am so much more happy meeting such a nice chap like Jose, a fantastic person, I enjoyed every contact with him. A real friend has gone.

We will miss you Jose!

Vy 73 de DL5MAE Wolfgang

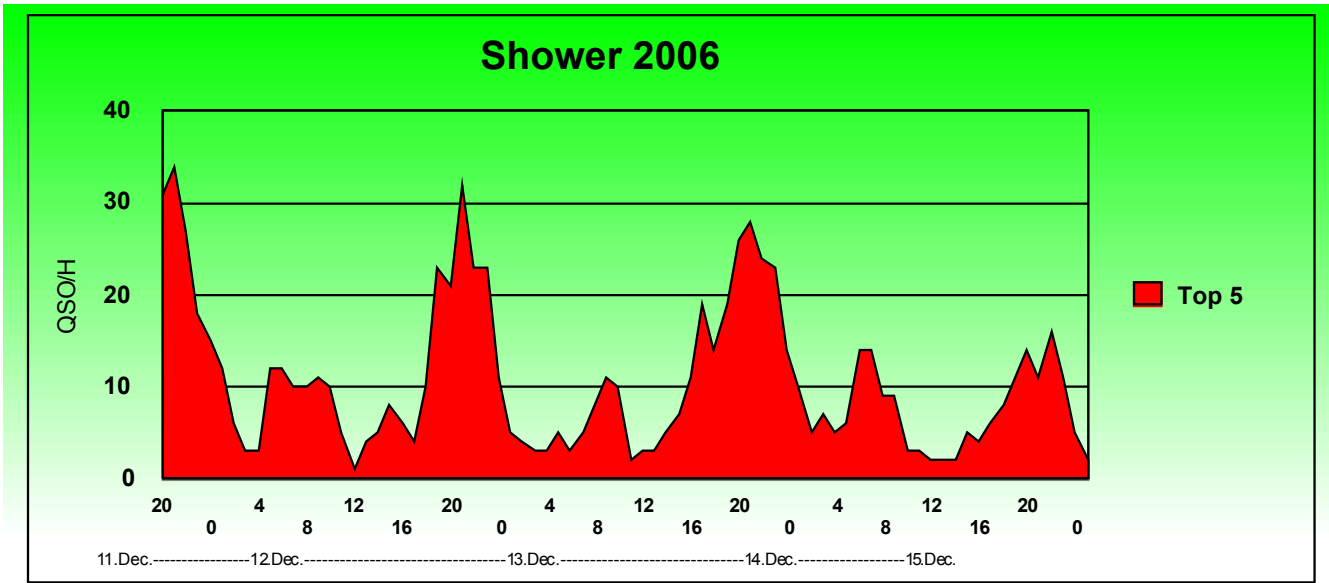
(EA3DXU original comment in the BCC 1996 soapbox:

...This year I noticed lots of stations which were impatient. From some which I was not able to response at the first period they used to abandon the QSO. To 13 other stations I was transmitting final-RRRRR without getting final-RRRRR back. I think there is no need to be nervous, for MS random it is necessary to be a little bit patient. As the other years the BCC MS Contest was wonderful!)

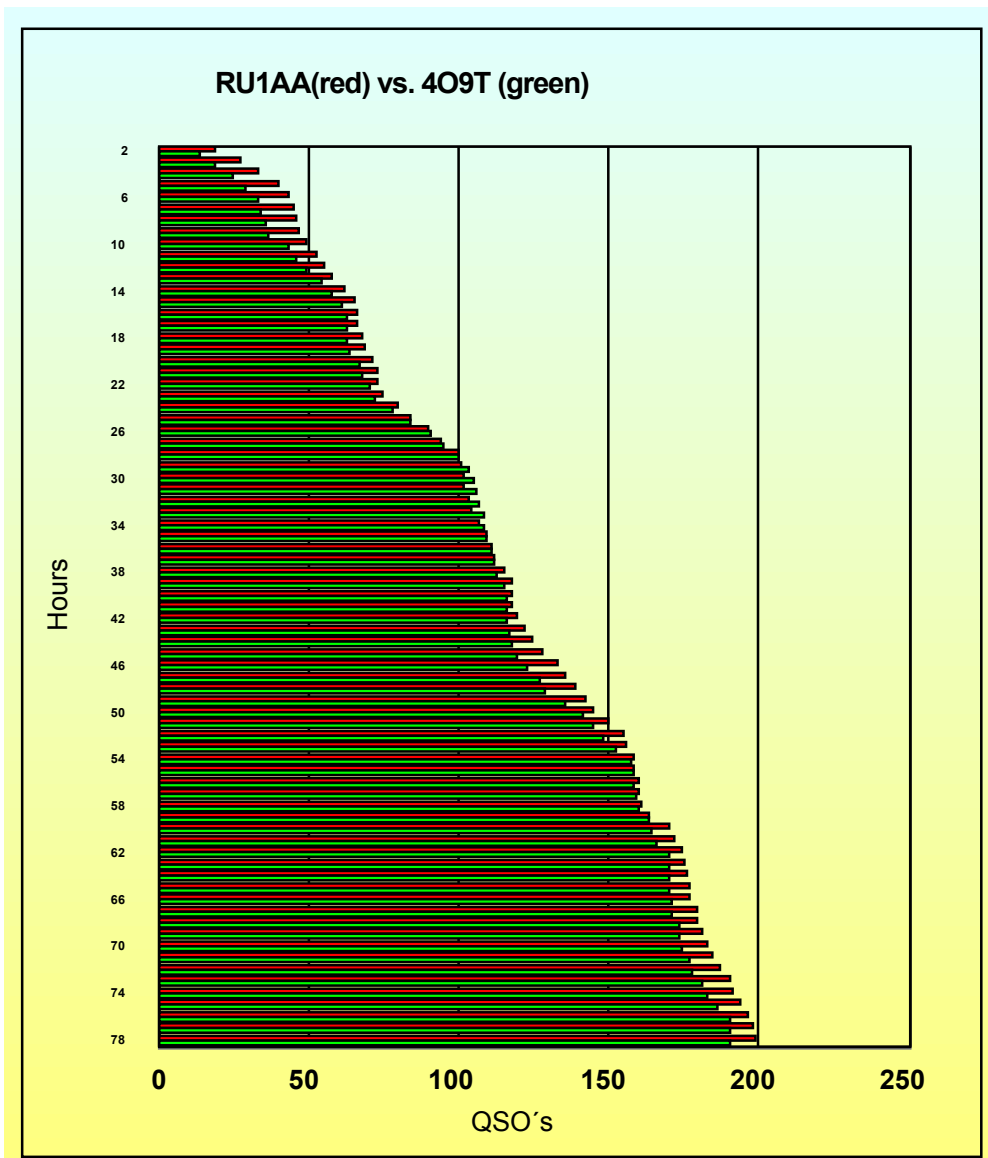
Thank you Jose, take your time!!!!

STATISTICS 2006

This year we cannot find a real peak. With WSJT you can work even in the minimum lot of MS-DX!



“Neck to neck”: The 2 best Multi OP stations: **RU1AA** and **4O9T**



BCC MS 2007

The Bavarian Contest Club (BCC) invites all active meteor scatter enthusiasts to join the MS contest hold during the Geminids shower 2007. 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 2007, 20:00 UTC to 15 December 2007, 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.)

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).

BCC MS 2007

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, 2007 (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)**

REGELN 2007

Der Bayerische Contest Club (BCC) lädt alle aktiven Meteorscatter-Freunde zu einem Meteorscatter-Contest während des Geminidenschauers 2007 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 2007, 20:00 UTC bis 15. Dezember 2007, 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 Anrufrequenz 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.

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 2007 (Datum des Poststempels).

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

Bitte die Logs an folgende Adresse schicken :

Bavarian Contest Club

- MS Contest -

Kellerberg 2

D-85461 Grünbach,

Oder besser an:

DL1MAJ@aol.com

Alle eingehenden Logs werden bestätigt!

Alternative Adresse fürE-mails

DL1MAJ@BDXG.DE)