

Nearly half a year we were not QRV on 3cm. In the early spring we realized an over current between the main power supply in the radio room and the mast mounted PA. After taking down the complete unit including dish and rotators we decided to extend the mast because our QTH is not the absolute highest point of the hill and the idea was to improve the take off to the northern direction.

This is an easy consideration but a lot of work. Nearly 6 month we needed to build the new arrangement because we are not able to spent so much money for thing which no one really needs. Also the total weight of the complete masthead unit is around 200kg. A heavy construction is the presupposition that all is able to survive the next storm.

We did not finish all yet but I tested the new configuration in the UHF- contest last weekend.

Here some pictures which were requested from some friends and comments (which were not requested)



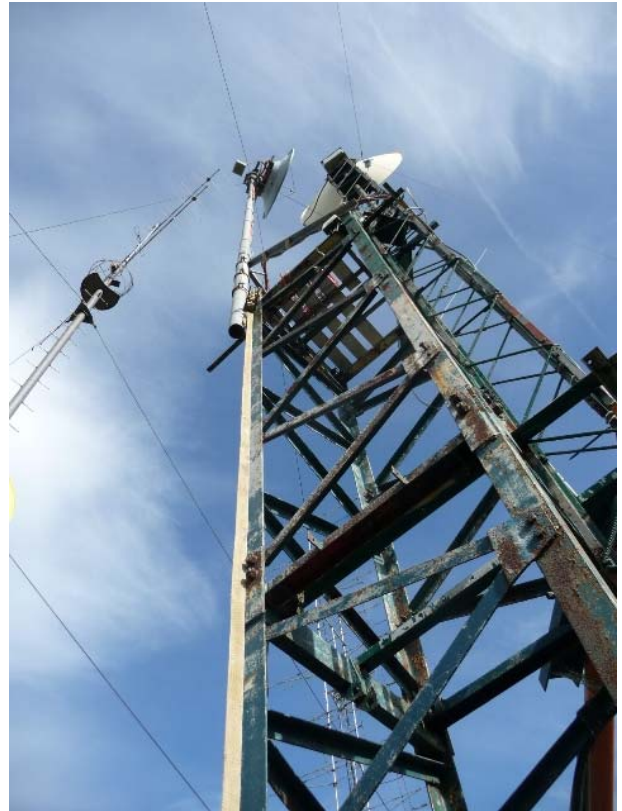
The new dish now 15m over the ground



The extension is visible



The complete antennasystem in JO50VF



Picture from the other site



Only the "big monster"





DB0ANU and the whole 10GHz working place



CQ 3cm contest de DL6NAA



DJ2NR as 70cm SWL



DH1NFL is preparing himself for the contest



As you can see most of the rig is home-made, looks ugly and costs nothing because it comes from dismantled apparatus



Farmer Gerhard, our neighbour is not interested in contesting and prefers to work

Last not least my contest results

DL6NAA - JO50VF - 03 -  
ASCII\OKT10 IARU VHF/UHF/SHF

TOP TEN sorted by QSO for Band : 03

	QTH	QSO	average		
			Sum km	km	deg
1	JO60	7	676	94	69
2	JO50	4	179	62	302
3	JN79	3	678	246	107
4	JO70	3	717	233	81
5	JN99	3	1444	525	96
6	JO62	3	774	269	18
7	JO31	3	1071	363	295
8	JO42	2	571	318	324
9	JN59	2	248	95	215
10	JO61	2	310	168	31

TOP TEN sorted by Score

	QTH	QSO	average		
			Sum km	km	deg
1	JN99	3	1444	525	96
2	JO31	3	1071	363	295
3	JO62	3	774	269	18
4	JO32	2	767	416	310
5	JO53	2	742	369	352
6	JO70	3	717	233	81
7	JN79	3	678	246	107

8	JO60	7	676	94	69
9	JN89	2	652	384	100
10	JO42	2	571	318	324

TOP TEN ODX (BIN\OKT10) Band : 03

1.	ON4SHF	JO10VQ	568
2.	OM6A	JN99JC	519
3.	DC6UW	JO44VJ	483
4.	ON4HRT	JO20MW	483
5.	OL9W	JN99CL	467
6.	OK2C	JN99AJ	458
7.	DJ1LP	JO54VC	431
8.	ON7BV	JO30AM	409
9.	DK2MN	JO32MC	391
10.	DF0MU	JO32PC	376

QSO per 100 km (BIN\OKT10) Band : 03

500 - 600 :	2 QSO	1087 km
400 - 500 :	6 QSO	2731 km
300 - 400 :	12 QSO	4248 km
200 - 300 :	10 QSO	2608 km
100 - 200 :	9 QSO	1376 km
0 - 100 :	9 QSO	552 km

WORKED COUNTRIES (BIN\OKT10) Band : 03

1.	27 *	Germany	- DL
2.	1 *	Austria	- OE
3.	15 *	Czech Rep.	- OK
4.	1 *	Slovakia	- OM
5.	3 *	Belgium	- ON
6.	1 *	Poland	- SP

wkd Squares	...	23
wkd Countries	..	6
ODX	.....	568 km
Call	.....	ON4SHF
Total QSO	....	48
invalid QSO	...	0
valid QSO	....	48
Points / QSO	...	262
Score	.....	12602



(BIN\OKT10) Cumulative Score and QSO per hour

: 14h : 1988 km = 16 % : 9 QSO = 19 % :  
: 15h : 2412 km = 20 % : 12 QSO = 26 % :  
: 16h : 3569 km = 29 % : 15 QSO = 32 % :  
: 17h : 4010 km = 32 % : 17 QSO = 36 % :  
: 18h : 5077 km = 41 % : 21 QSO = 44 % :  
: 19h : 6855 km = 55 % : 27 QSO = 57 % :  
: 20h : 7150 km = 57 % : 29 QSO = 61 % :  
: 21h : 7150 km = 57 % : 29 QSO = 61 % :  
: 22h : 7150 km = 57 % : 29 QSO = 61 % :  
: 23h : 7150 km = 57 % : 29 QSO = 61 % :  
: 0h : 7150 km = 57 % : 29 QSO = 61 % :  
: 1h : 7150 km = 57 % : 29 QSO = 61 % :  
: 2h : 7150 km = 57 % : 29 QSO = 61 % :  
: 3h : 7150 km = 57 % : 29 QSO = 61 % :  
: 4h : 7150 km = 57 % : 29 QSO = 61 % :  
: 5h : 7410 km = 59 % : 30 QSO = 63 % :  
: 6h : 8286 km = 66 % : 32 QSO = 67 % :  
: 7h : 9930 km = 79 % : 38 QSO = 80 % :  
: 8h : 10449 km = 83 % : 39 QSO = 82 % :  
: 9h : 11096 km = 89 % : 42 QSO = 88 % :  
: 10h : 11369 km = 91 % : 43 QSO = 90 % :  
: 11h : 12076 km = 96 % : 45 QSO = 94 % :  
: 12h : 12602 km = 100 % : 48 QSO = 100 % :  
: 13h : 12602 km = 100 % : 48 QSO = 100 % :

Contest-Program QW (c) 1979, 1995 by DL4MFM 4.2.6f

Greetings to all, hope to have a QSO soon with all of You

DL6NAA



**DL Ø AR**

Delta Lima Zero Alpha Romeo  
*wherever you go, you will meet us!*