

D X INFORMATIONEN FÜR UKW AMATEURE									
überreichweiten									
au von Geräten									
HF									
HF									
Zusammengestellt von der DUBUS Gruppe									
INFO: 1/82									

Please send your information about VHF, UHF - Bitte schicken Sie Ihre UKW Informationen an folgende Anschrift:
 Claus Neie, DL7QY, D-7181 Rudolfsberg 24 Phone: 07951-7418

DC Ø DA's



VARACTOR QUINTUPLER

Private Communication from Radio Amateurs for Radio Amateurs
 Private Mitteilungen von Funkamateuren für Funkamateure

Distributors of DUBUS - INFO in Europe:

DL	7 QS	Ulrich Neumann, Ostburger Weg 79d, D-1000 Berlin 47
CT	1 WW	Tiago J.Frederico, 5130 Nagoselo do Douro, Portugal
EA	4 AO	Martin Cordova Barreda, Paseo de Extremadura 170-4 Madrid 11
EI	5 BH	Paul Quast, 1 Auburn Villas, Athlone/IRELAND
F	1 FHI	J.P.Maidon, La Hee, F-44120 VERTOU
G	3 NSM	Bob Mc Henry, Charlbury Road, OXFORD OX2 6 UU, U.K.
HB	9 QQ	Pierre Pasteur, Sunnhaldenstr. 28 A, CH-Dübendorf
HG	5 FN	Bela Kertesz, Besci Ut 219, H-Budapest 1032
I	4 EAT	Fausto Minardi, Via Catagalli 18, I-48018 FAENZA
LA	2 IM	Rolf Wollan, Stolan, N-7200 KYRKSÆTEROPÅ
LX	1 DU	Franz Kronauer, 140 Rue Aessen, LX-EHLEREN
LZ	1 AB	Wassil Terziev, P.O.Box 311, SOFIA/BULGARIA
OE	3 LI	Christof Libowitzky, Giannonig. 5, A-MOEDLING
(OH	Ø NI)	XYL-Irjalliisa Mansnerus, Skillnadsg.37, Mariehamn FINLAND
OK	3 AU	Andrej Oravec, Ul Slobody 31, 04001-Kosice/CZECHOSLOVAKIA
ON	5 QW	Robert van Damme, Broekstraat 48, B-LAARNE
OZ	7 IS	Iwan Stauning, Bartholinstraede 20, DK-263 TASTRUP
PA	Ø LSC	Ronald Slegtenhorst, P.O.Box 711, NL-2300 LEIDEN
SM	4 AXV	Lars Wahlström, P.O.Box 39, S-VINTROSA
SP	3 BLR	Pavel Zawadzki, P.O.Box 8, SLUBICIE/POLAND
SV	1 DH	Costas Fimerelis, 23 Ellianou Str. ATHENS 817, GREECE
UB	5 WN	Karel Fechtcl, P.O.Box 303, USSR-25001 LIEW
YO	2 IS	Sueli Julius, Str Iasi 1, TIMISOARA/ROMANIA
YU	2 CBM	Radio Club "MARJAN", Smolakina 2, P.O.Box 155 YU-58001 SPLIT
9H	1 CD	Henry G.Souchet, Davis 29/2, SAN GWAN, MALTA
5B	4 AZ	N. Kyriazis, P.O.Box 1662, Limassol, CYPRUS

COVERPICTURE: Photograph made by DL7VC

CONTENTS:

TECHNICAL REPORTS (edited by DL7HG)

Varactor Quintupler for 6 cm by DCØDA	1
Simple 6 - Way Divider by DL6WU	4
Front-End Modification of IC 402 by SM6HYG	5

MICROWAVE NEWS by DC7BQ 8

TROPO NEWS by DL7ACG 13

METEOR SCATTER NEWS by DF2ZC 21

Es INFORMATIONS by DK2ZF 51

AURORA NEWS by DK3UZ 69

MOON BOUNCE by DL9KR 80

VHF COMMENTS by DL7RU 86

BEACON NEWS by DL7RU 91

TOP LIST by DL7SD es DL7QY 96

V A R A C T O R Q U I N T U P L E R F O R 6 c m

by Jürgen Dahms, DC Ø DA

E.:
8XY 38 varactor diodes enable efficiencies around 10 % at 1152 MHz input powers up to 4 W.

The author made the waveguide section (inner dim.: $35 \times 16 \text{ mm}^2$) of copper sheets, 1 mm thick. The use of 0.5 mm brass sheets should be preferred, because it can be soldered easily with a 100 W soldering iron while the stability is sufficient. The tuning stubs are brass screws with M3, M4, M5, and M6 threads. Their penetration depths as they are shown in Fig. 1 may serve for first tuning test. The optimum positions depend on the diode used and will be found by mutual tuning.

Diodes of the types 8XY 28, 8XY 38 etc. are usable. They are supported on one side by a home made bypass capacitor and on the other side by a M8 screw. The diode is to insert and remove through the M8 nut, which is soldered on the waveguide. The bypass capacitor is made of copper sheet, $20 \times 8 \text{ mm}^2$, 1.5 mm thick, and a PTFE foil, $22 \times 9 \text{ mm}^2$, 0.3 mm thick.

The input coupling network is shown in fig. 2. It consists of a pi-section followed by a series resonant circuit. Input power is fed to the varactor through the bypass capacitor. So its value shall not exceed 3 pF, shortcircuiting only 5760 MHz and not 1152 MHz.

The optimum value of the resistor depends on the diode and on the input power as well. A 250 kOhm potentiometer is recommended. L1 is a 20 mm long piece of wire of 1 mm diam. L2 is of the same wire, forming one turn, wound on a rod of 4 mm diam (s. photograph).

The quintupler is operating as beacon on 5760.6 MHz at the author's QTH.

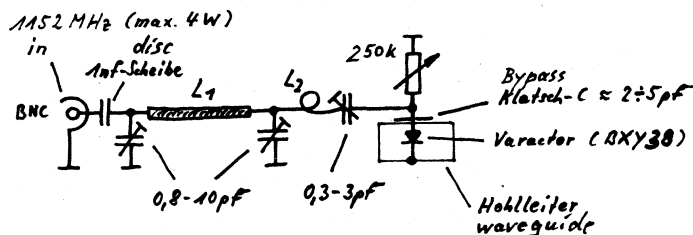
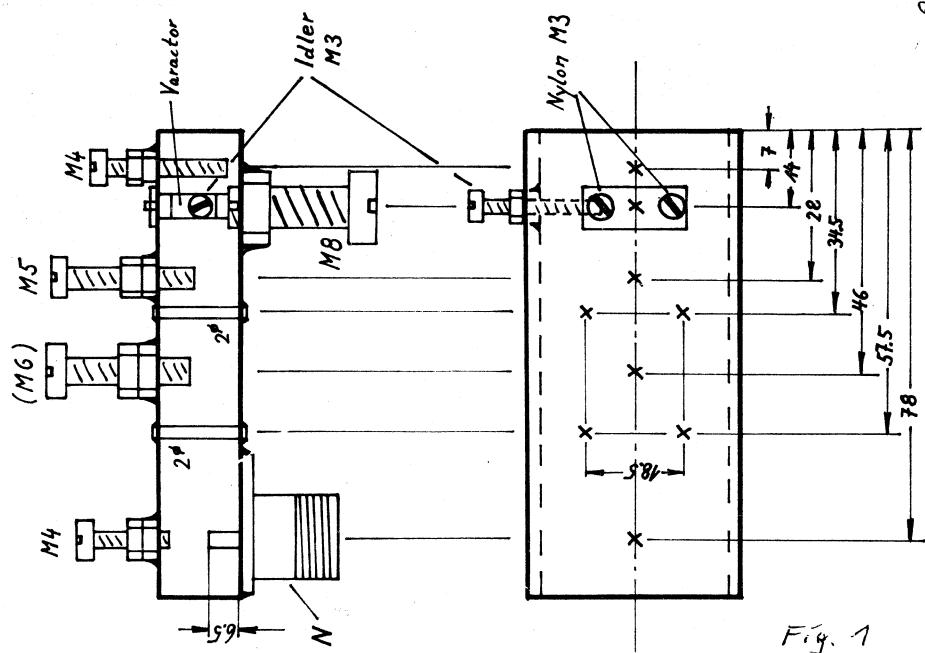
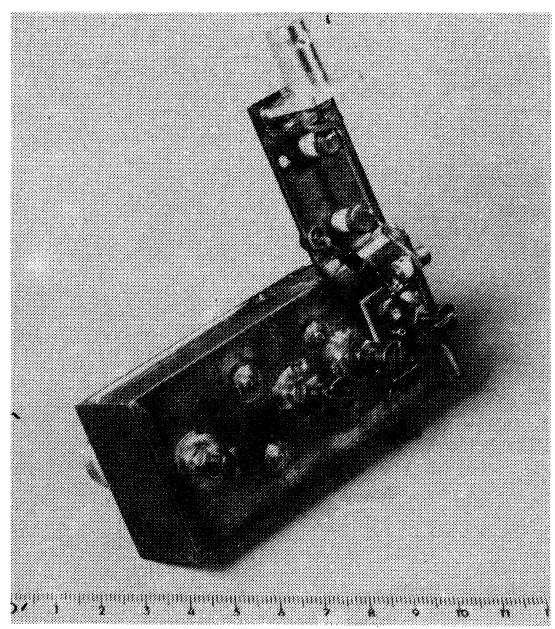


Fig. 2



02

Fig. 1



D.: Varaktor-Verfünffacher für 6 cm

Mit Varaktordioden BXY 38 erreicht man Wirkungsgrade um 10 % bei Ansteuerleistungen auf 1152 MHz bis zu 4 W.

Der Verfasser baute das Hohlleiter-Teil aus 1 mm starkem Kupferblech. Vorteilhafter jedoch ist 0,5 mm dickes Messingblech, das leicht mit einem 100 W-Lötkolben gelötet werden kann, wobei die Stabilität immer noch ausreichend ist. Die Innenmaße sind 35 x 16 mm². Die Abschrägemelemente sind Messingschrauben mit M3, M4-, M5- und M6-Gewinden. Die Eintauchtiefen, wie sie in Fig. 1 gezeichnet sind, können als Anhaltswerte für den ersten Abgleich dienen. Die besten Positionen hängen von der verwendeten Diode ab. Man findet sie durch wechselseitigen Abgleich.

Dioden der Typen BXY 28, BXY 38, usw. sind brauchbar. Sie werden auf der einen Seite von einem selbstgebaute Durchführungskondensator und auf der anderen Seite von einer M8-Schraube gehalten. Die diode wird durch die M8-Mutter hindurch eingesetzt und herausgenommen. Der Durchführungskondensator besteht aus einem Stück Kupferblech (20 x 8 mm²) und einem 0,3 mm dickem Stück Nylonfolie (22 x 9 mm²).

Das Anpaßnetzwerk im Eingang ist in Fig. 2 gezeigt. Es besteht aus einem Pi-Glied, dem ein Serienresonanzkreis folgt. Die Eingangsleistung wird durch den Durchführungskondensator hindurch zum Varaktor geleitet. Deshalb darf die Kapazität des Durchführungskondensators 3 pF nicht übersteigen, damit er nur bei 5760 MHz kurzschließt, nicht jedoch bei 1152 MHz. Der optimale Wert des Widerstands hängt von der verwendeten Diode und der Steuerleistung ab. Es empfiehlt sich, ein 250 kOhm -Potentiometer zu verwenden. L1 ist ein 20 mm langes Stück Draht mit 1 mm Ø. L2 ist aus dem gleichen Draht, wobei eine Windung auf 4 mm -Dorn gewickelt wird.

Der Verfünffacher arbeitet beim Verfasser als Bake auf 5760,6 MHz.

PARABOLSPIEGEL

aus Alu- Blech 1,5mm dick, im Al-Drückverfahren hergestellt, farblos eloxiert, geeignet für den Frequenzbereich 1 - 10 GHz, sind in folgenden Versionen bei DJ Ø QR erhältlich.

Version: A

B

C

f/D = 0,3 ; D=110 cm

f/D = 0,5 ; D=70 cm

f/D = 0,6 ; D =110cm

f = 34 cm

f = 34 cm

f = 66 cm

Alle Ausführungen ohne Strahler und Halterungen.

Anfragen richten Sie bitte an

Günter Hütter DJØQR ; Postfach 2129 ; D-8990 Lindau (B)

Tel.08382/23661 oder in OE9..05576-/3391

S I M P L E 6 - W A Y D I V I D E R

=====

by Günter Hoch, DL 6 WU

E.:

Though the "spoke wheel" divider, described by DL7QY in DUBUS-Info 4/81, p. 262, is an admirable piece of mechanical work, it should be pointed out, that there are simpler ways of matching 6 antennas.

The author uses a halfwave "T" section with the input N socket in the middle and each 3 output N sockets at both ends of a square coaxial line.

The outer conductor consists of a 400 mm section of a 1" (25.4 mm) o.d. square aluminium tubing sold at hardware shops as table legs. The inner conductor is a 348 mm piece of 12 mm o.d. brass tubing, forming a 41 Ohm waveline with the sleeve which is abt. 22 mm wide inside.

The characteristic impedance of a coaxial line with round inner and square outer conductor is $Z_0 = 60 \ln(1.08 D/d)$.

The center pins of the N sockets are soldered into file-cuts in the end faces of the inner conductor. The ends of the sleeve are closed by plastic plugs sold as table feet.

A round plug from a pill-glass closes the hole required to solder the input connector to the inner conductor.

No special measurements were made but the SWR of the whole antenna system (6 x 19 ele.) is near 1.2 and has been in daily use for almost 3 years.

D.: Einfache 6-fache Antennenweiche

Obgleich die von DL7Qy im DUBUS-Info 4/81, S. 262 beschriebene 6-fache Weiche ein bewunderungswürdiges Stück Mechanikerarbeit ist, gibt es doch einfachere Wege, um 6 Antennen zusammenzuschalten.

Der Verfasser benutzt ein Halbwellen-"T"-Glieder mit der Eingangs-N-Buchse in der Mitte und je 3 Ausgangs-N-Buchsen an den beiden Enden der quadratischen Koaxialleitung. Der Außenleiter besteht aus einem 400 mm langen Stück Aluminiumrohr mit quadratischem Querschnitt 1" = 25,4 mm Außen-Ø), wie sie in Eisenwarenläden als Tischbeine verkauft werden. Der Innenleiter ist ein 348 mm langes Stück von 12 mm dickem Messingrohr.

Innen- und Außenleiter bilden zusammen einen Welleleiter mit einem Wellenwiderstand von 41 Ohm. Die Muffe ist etwa 22 mm im Innern.

Der Wellenwiderstand einer Koaxialleitung mit rundem Innen- und quadratischem Außenleiter ist $Z_0 = 60 \ln(1,08 D/d)$.

Die Innenleiter der N-Buchsen werden in Nuten eingelötet, die an den Stirnflächen des Innenleiters eingefleilt werden. Die Öffnungen wurden mit Plastik-Stöpseln geschlossen, die zu den Tischbeinen als Füße verkauft werden.

Ein runder Stöpsel von einem Tablettenröhrchen verschließt dasjenige Loch, das zum Anlöten der mittleren Eingangsbuchse erforderlich ist.

Es wurden keine besonderen Messungen durchgeführt, jedoch ist das SWV des ganzen Antennensystems mit 6 x 19 Elementen nahe bei 1,2. Die Anlage ist seit nunmehr fast 3 Jahren täglich in Betrieb.

FRONT - END MODIFICATION OF IC 402

by Carl Gustav Blom, SM 6 HYG

E.:

After using the IC 402 for some time, the lack of receiver sensitivity was found to be seriously unsatisfying. Most of the receiver noise is coming from the IF and AF stages. At least one external preamplifier seems to be a must for serious UHF work. Yet after examining the schematic it was obvious, all necessary modifications can be done easily inside the rig. Following the step-by-step instructions below, will be an easy way to improve your rig even when it involves lifting up the main board. The 3SK97 replacing the original 3SK48, is a low noise, high gain UHF GaAs Fet primarily intended for TV tuners. This transistor is sensitive to electrostatic discharges. So take care during soldering and use a well grounded iron.

- 1) Loosen the 8 Philips screws holding the main unit board. Also loosen the two smaller ones holding the final transistors cooling plate.
- 2) Remove all plug-in connections from the main board. Now it is possible to lift the main board carefully until you can get to the printed side. Unsolder first Q1 (= 3SK48). Replace it by 3SK97 leaving the source lead unsoldered, bending the lead slightly upwards. Solder a 1 nF miniature ceramic capacitor and a 100 Ohm *) resistor between the source lead and ground. (s. fig. 1). Solder the 6.8 V Zenerdiode and replace R1 and R2 by two 10 kOhm resistors as shown in Fig. 2. Now the R.F. prestage is completed.
- 3) Remove all connections from RL1 (TX/RX relay). Use RG 174 cable to connect helical filter SL8 directly to the transmitter section. Then reconnect the RL1 again, now on the other side of the SL8. This gives only one helix filter in the front-end reducing insertion loss of the receiver.
- 4) Fasten the main unit board and connect all plugs. The set is now ready for tune-up. Transmit in CW mode and peak SL8 for max. output into a 50 Ohm load. Peak L1/L2 and L3/L4 for max. gain monitoring a weak signal. Repeat L1 for best S/N ratio.

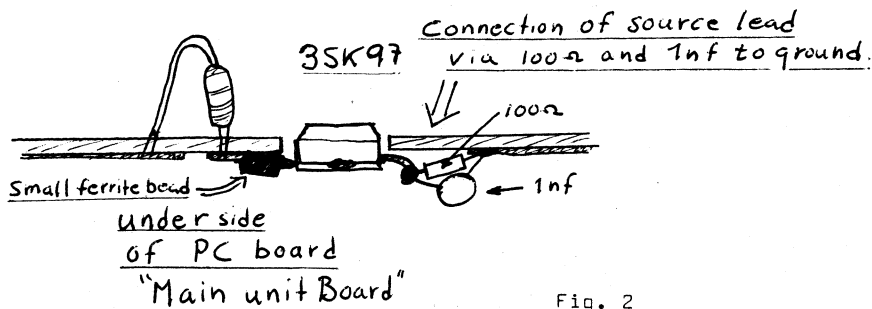


Fig. 2

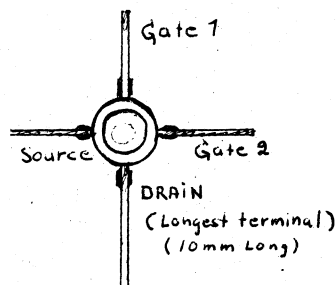
- * if possible slip small ferrite bead over G2 terminal before soldering

Zener = 6.8V mounted on
of PC board. copper side

Nach längerer Benutzung des IC 402 erwies sich die geringe Empfänger-Empfindlichkeit als ernster Nachteil. Das Rauschen wird überwiegend von den ZF- und NF-Stufen bestimmt. Mindestens eine zusätzliche HF-Vorstufe schien für ernsthaften UHF-Betrieb unerlässlich. Eine Untersuchung der Schaltung zeigte jedoch, daß alle notwendigen Änderungen innerhalb der vorhandenen Schaltung vorgenommen werden können.

Anhand der folgenden Umbauanweisung kann man sein Gerät leicht verbessern, auch wenn dabei die Hauptplatine herausgehoben werden muß. Der Transistor 3SK97, der den originalen 3SK48 ersetzt, ist ein hochverstärkender GaAs-FET mit geringem Rauschen für UHF- Fernseh-tuner. Er ist empfindlich gegen elektrostatische Entladungen. Deshalb ist der LötKolben zu erden.

- 1) Löse die 8 Philips-Schrauben der Hauptplatine. Löse auch die zwei kleineren, die die Kühlplatte der Endtransistoren halten.
- 2) Entferne alle Steckanschlüsse von der Hauptplatine. Jetzt ist es möglich, die Platine anzuheben um an die Lötseite heranzukommen. Löte Q1 (3SK48) heraus und ersetze ihn durch 3SK97 mit leicht hochgebogenem Source-Anschluß. Löte einen Miniaturkeramikkondensator von 1 nF und einen Widerstand von 100 Ohm ^{*)} zwischen Source und Masse (s. Fig. 1). Löte die 6,8 V-Zenerdiode ein und ersetze R1 und R2 durch je 10 kOhm.



Damit ist die Vorstufe fertig.

3) Entferne alle Leitungen vom Tx/Rx-Relais RL1. Verbinde das Helix-Filter SL8 mit RG 174-Kabel direkt mit dem Senderteil. Dann schlieÙe RL1 wieder an, jedoch nun auf der anderen Seite von SL8. Dadurch liegt nur noch ein Filter am Empfängereingang, was die Eingangsverluste reduziert.

4) Befestige die Hauptplatine und stecke die Stecker wieder ein. Das Gerät ist jetzt bereit zum Abgleich. Setze in Stellung "CW" und gleiche SL8 auf max. Ausgangsleistung an einer 50 Ohm-Last ab. Stimme L1/L2 und L3/L4 auf maximale Verstärkung eines geeigneten schwachen Eingangssignals ab. Verstimme L1 auf bestes Signal/Rausch-Verhältnis.

Nun begrenzen das ZF- und NF-Rauschen nicht mehr die Empfindlichkeit. Die Rauschzahl ist erheblich verbessert und die Empfindlichkeit ist selbst mit kleinster Antenne zufriedenstellend. Der Verdruß, den ein außen angebrachter Vorverstärker im Betrieb mit sich bringt, kann so vermieden werden.

EUROPEAN TOP LIST REGISTRATION

Please report your successes on the VHF-UHF-SHF bands to
Claus Neie, DL7QY, Rudolfsberg 24, D-7181 KRESSBERG.

CALLSIGN: _____		QTH-LOCATOR: _____				
BAND	NUMBER OF WORKED LOCA- TOR SQUARES	ODX (km) via				
		TROPO	AURORA	MS	ES	MB
2 m						
70 cm						
23 cm						
13 cm						
9 cm						
6 cm						
3 cm						

MICROWAVE NEWS

by DC7BQ

OZ 3 ZW (F018e) wkd on 1296 MHz via tropo:

14.1.82

PEØABO DM53h 59-57; DF4LY EO 59-58; PE1FOT CLØ6a 54--54
DK7LJ F051j 59-59; PE1CNP CN8Ød 56-52; PEØDKO DN51d 56-54
PAØEZ CM66b 59-56; PAØGWS CN79f 59-59; G4CCH ZN48h 59-55(798km

15.1.82

Odx!

OZ4EM HP75h 52-53;

16.1.82

DC9XO EM14a 59-58; DC4XH EN2Ød 53-53; DI4OL FM61f 529-529;
DC4BK EN75d 59-59; DB4LL EO38d 55-57; DJ2XU FM? 539-529;
SM6ESG GR72h 57-52; DC7QH GM37c 55-52; PE1CHQ DM53h 59 - 59;
DK1ZD EO7Øg 59-59; PE1DPXDM41a 55-53; OZ9TM GP22b 59- 59;
DI4BV DN37e 59-56; DC9XG EN37f 59-59; DK1KR FNØ4g 58 - 56;
OZ7IS GP22j 59-59; SM7CFE HQ68d 59-59;

17.1.82

SM1BSA JR22e 57-55; DK5OI ELØ5j 54-519; OZ1CF EQ78b 54 - 54;
SM6HYG F658f 59-56;

tnx fer info Torben

PA Ø WWM (CM63g) wkd on 1296 MHz via tropo:

17.08.81 PAØjme/LX/p CJ,	06.09.81 G8SFI	ZN,04.10.81 DF7YL EL
04.09.81 G3OSS	ZL, 06.09.81 G4KCT	ZN,04.10.81 DB6DI DL
06.09.81 G3GIM	ZL, 03.10.81 G4ant	AM,04.10.81 G3JXN ZL
06.09.81 DL6YAB	DL, 03.10.81 F9FT/p	CI,15.10.81 DD3kl DK
06.09.81 DKØNA	FK, 03.10.81 ON5GF	CK,02.10.81 DK1UV EL
06.09.81 G4CCH	ZN, 03.10.81 G3XDY	AM,03.11.81 F6CER BI

on 2304 Mhz tropo he wkd:

25.08.81 PAØTGA CL	29.09. DB9JC d1(232o)	04.10. PAOCIS/p CM
06.09.81 PE1AØO CM	03.10. PAØWRC/p CL	16.10. PAØLPN CL
06.09.81 PA2HJS CK	04.10. PAØJGF DM	02.11. DK1UV EL

G 4 LRT(ex -ART) ZM45d wkd via tropo on 1296MHz

03.10.80 DB1PE/p DK, DL7QY FJ, DD3KL DK,
30.01.81 DJ3ZU DL, DD3KL DK, DB5KS DL, DK2UO DL,
14.04.81 OZ2OE EP, 14.1.82 OZ1AXX hrd 59 FQ, DF4LY EO,

on 23 4MHZ he wkd:

3.12.81 G3LQR, G4BYV AM, 13.1.82 PAØDOL CL, 14.1.82 PAOWWM CM
PAØPRE CL, PAØEZ CM

tnx fer info Steve

LA 8 AK (DS8Øb) wkd on 1296 Mhz:

20.02.8

2235 SM5DWC IT 557/599 2248 SMØDFP IT 57 / 59

2259 SMØFFS JT 429/529 2305 OZ1OF EQ 429/539

22.02.82

2030 SM6ESG GR 598/589 2040 SM6CKU GR 529/539

2120 S FFS JT 52 / 57 2121 SMØCPA IT 529/539

2128 SMØBYC it 539/569 2229 SM5QA IT 429/579

*UHF-Units 1296 / 28
EME 2350 PA, 10W
1506.15 EL-Yagi*

tnx fer info Jan-martin **Rx: R4C / FT-101B**

DF 7 YU (ELØ3a) wkd on 1296MHz -Jan 03-1982

0853	DK2UO	59	59	DL	164km	200W
0855	DL3NI	56	56	DL	103 "	
0922	DJ8XO	54	53	FN	239"	250W
1021	DD7KA	55	57	DK	139 "	70W
1031	DL6CX	55	55	DK	213 "	80W
1050	DL9LU	56	55	DK	190 "	250W
1250	PE1DPX	55	57	DM	173	60W
1310	PEØESN	57	59	DM	147	80W
1652	DF9LN	52	52	FO	272	200W
1727	DD7KA	57	59	DK	193	70W
1759	DF3XU	52	54	FN	213	50W
1955	DB4LT	51	53	EO	258	40W

(150 W, - 26 EL. Loop-Yagi) tnx fer info Dirk

OZ 2 OE (EP 1of) wkd on 23cm via tropo

Rig: Tx 30W, Rx MRF 901, Ant. 25 el-Loop-yagi

14.01.82	1416	DB4ES	DL11c	52 - 54	1441	DK7LJ	FO51j	58-55
1459		DB9JC	DL11j	55 - 54	1842	DB9 IU	DL13h	59 -59
1956		G8BCL	ZL16f	55 - 56	2002	G4BYV	AM25c	59 - 59
2004		G8DKK	ZL08d	59 - 59	2008	G3DY	ZM4og	59 - 58
2010		G4KGC	ZM65d	56 - 57	2012	G3WDG	ZM65d	55 - 57
2014		G8IMW	ZM24d	58 - 59	2017	G4KIY	ZM4oj	58 - 59
2019		G8DLX	ZM54b	58 - 59	2021	G8FMK	ZL26h	53 - 54
2052		G4MAP	YM5od	51 - 53	---	1Watt out	QRB 863Km	!!!!
2055		G3ZUD	ZM34d	52 - 55	2058	G4CCH	ZN48h	59 - 58
2153		G4KKF	ZO02d	56 - 58				
15.01.82					1645	OZ4BM	HF74a	55 - 59
16.01.82								
2020		PE1CHQ	Dm53h	59 - 58	2027	PA3BSK	DL04a	52 - 53
17.01.82								
0835		DJ1TB	FM53g	51 - 52	0858	DL1ID	FO72f	59 - 58
0906		DC9XO	EM14a	58 - 56	0953	SM6HYG	FS58f	57 - 57
1138		DK2NH	FN31a	59 - 59	1144	DL3HAL	FN22d	59 - 59
1417		DC4BK	EN75d	53 - 53	1505	DK5QI	SL05j	55 - 51
1629		SM7EYW	GP35c	59 - 59	1940	DL4BV	DN37e	59 - 59
1958		PA0RHC	GM35d	53 - 55				

tnx fer info Ole

F 1 FHI (ZH63d) wkd on 23cm +300km via tropo

29.11.81 F2KX BJ qrb 344km 2Watt out 4x 23el loop-Y

tnx ferinfo John

DL 7 QY (FJ61e) wkd on 1296 MHz via tropo

28.12.81	2049	DB8NC	FK58b	52 - 53			
03.01.82	2135	DD2BK	DL12c	41 - 51			
14.02.82	1602	DG4GAN	BI76j	55 - 51	and on 2320 MHz		
10.01.82	1835	DJ9PC	DI21c	419-519			

tnx fer info Claus

I 3 SOY/3 and IW 3 EHQ/3 wkd on 10 GHz via tropo

FG50j (Marmolada - Dolomiten 3350m a.s.l.)12.07.81 -1650GMT

I 0 SNY/7 JA63h (S.foca- Lecce- SUD Italy) 55-59 FM

QRB 869Km

Rig: 1m parabol, TX 100/120 mW, RX -Gallium Arsenide diode 5.5dB

tnx fer inf Paolo

DF 5 JJ/p wkd from several QTH on 9cm

01.06.81	DL43j	DF1EQ	DL76a	59	559	qrb	56Km
05.06.81	DK46f	DF1EQ	"	59+	589		80 "
05.07.81	DL14e	PA0WRC/p	CL38a	559	419		85 "
	"	PA0JGF	DM54j	529	419		60 "
16.08.81	DK46f	PA0JME/LX/p	CJ20b	529	----		97 "
leider nur Einweg LX/DI. behindert durch starke Regenböen							
03.10.81	DK46f	DC9KK	DK16c	55	599+		47km
	"	DC6TV	DK16b	59	579		53 "

Leider wurden wir nach einer halben Kontest-Stunde durch
zwei Forstbeamte vom Berg gewiesen! Ich möchte mich für
das Nicht-QRV- sein bei allen 9cm Sked-Partnern entschuldigen.

tnx fer info Peter

DC 0 DA (DL38e) berichtet über sein erstes 2weg-ssb QSO
auf 5760MHz

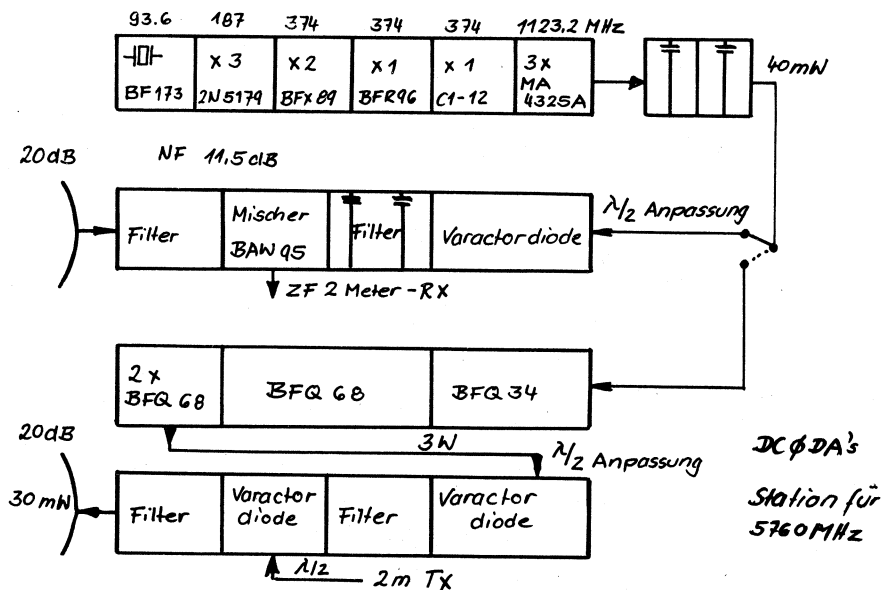
Angeregt durch die Veröffentlichungen von DB6NT in DUBUS und
DD3QT/DC3QS in den UKW -Berichten wurde ersteinmal ein Hohl-
leitermischer aus 0,5mm Messingblechstreifen realisiert. Mit
einem 93,6MHz Quarz wurden auf 1123MHz ca.40mW erzeugt und im
Hohlleiter mit einer Low-cost -Diode von DC3QS verfunftfacht.
Als Mischdiode diente eine BAW 95 mit 850 uA-Diodenstrom und
BF981 -2m- ZF vorverstärker. Mit einem 70cm -Spiegel konnte ich
ein 200mW-Signal von DC3QS in ssb aus 45Km-Entfernung mit 15 dB
über Rauschen aufnehmen. Die Rauschzahl des Konverters wurde

bei SSB- Electronic bis auf 11,5dB(ESB) optimiert(Anpassung Diode-ZF-Verstärker).

DF5QZ, Hajo in Hamm hatte den gleichen Konverter mit 1N23E als Mischdiode und BXY28 als Varactor aufgebaut. Mein Baakensignal (4W auf 1152x5 = 5760MHz, output 300mW mit nur 10% Wirkungsgrad "Low-cost-Diode", wurde dort auf Anhieb mit S5 an einem 50 cm Spiegel mit 6 cm Hornstrahler gehört. DC3QS hörte mein Baakensignal mit 35dB über Rauschen. Als Antenne benutzt er einen Spiegelausschnitt mit DL7QY-Strahler. Auf Grund der beschriebenen Ergebnisse packte uns natürlich der Ehrgeiz SSB zu erzeugen. Anstelle der Mischdiode wurde eine Varactor-diode, ebenfalls "Low cost typ" eingesetzt und ca. 200mW von 2m aufgegeben. Die Injektionsleistung mußte hierfür auf 3W erhöht werden. Die Ausgangsleistung betrug exact 30 mW auf 5760MHz in SSB. DF5QZ in Hamm machte natürlich genau das Gleiche und damit klappte dann auf Anhieb unser erstes Zweiweg-SSB-QSO — 5760 MHz nach vielen Umbauarbeiten!

DCØDA (DL38e)

09.12.81 2035 MEZ DF5QZ DL3Øg 51 51 ssb QRB 30Km



TROPO NEWS

2m: > 500 km
70cm: > 300 km

by DL7ACG

2m 2m 2m 2m 2m 2m 2m 2m 2m 2m

DK6AS & FM44d) wkd:

<u>1.10.</u>	<u>1.11.</u>	<u>3.11.</u>	F1EAN AG
UQ2GLO KQ	G3VYF AL	F1DPT RJ	
RP2BFG KP	G4DEZ AL	F1FEM BJ	tnx fer info, Andy

DL4NAA (EJØ6a) wkd:

<u>28.8.</u>	G3EFX/p ZK	<u>25.10.</u>	G6ADH ZL	<u>6.12.</u>
I2FAR EF	I4AUM/4 FE	F1KNO BG	G8MOU AL	ØE3CEW II
<u>31.8.</u>	G4BWG/p AL	<u>31.10.</u>	G8GGP AL	G8KUC AL
I4GBZ FE	G8HRC/p AL	ØE3CEW II	<u>14.11.</u>	G4MDZ AL
<u>1.9.</u>	I4IND/4 FE	<u>3.11.</u>	G4DCV AL	G3ZIG AM
ØZ5TE FP	<u>27.9.</u>	G5YU YK	<u>22.11.</u>	G4BPO AM
<u>5.9.</u>	ØCØLZ EO	G4IJE AL	ØE3CEW II	<u>15.12.-9.1.</u>
ØE3XSS/3 II	<u>9.10.</u>	G8LFB ZL	ØE3LFA II	ØE3CEW II
G4BPO/p AM	ØK2KAU/p JJ	G4DEZ AL		
<u>6.9.</u>	<u>18.10.</u>	G4IJE AL		
G3ZIG/p AM	ØE3CEW II	G8YLH ZL		

tnx fer info, Chris

DL9DAK (DL29f) wkd:

<u>8.11.</u>	G4MEZ/A ZM	F6KBF/p AJ	SM7FJE GQ	SM7WT GP
				tnx fer info, Peter

F1FHI (ZH63d) wkd > 900 km:

<u>2.11.</u>	ØF5YQ GM	DG6NX FK	GM4CXM XP	GM4IPK YP
G8PWX ZP	ØL5BBL EM	ØL3ZAL EK	GM8BKE XP	GM6ALC XQ
<u>3.11.</u>	ØØ8UØ EK	DG9RAD GJ	<u>14.11.</u>	GM8TKA YP
ØZ1FDH GP	ØF9YF EM	DG6NAF FJ	GM8MBP YR	G83ANG hrd
ØZ1EYX GQ	ØØ8QA EM	ØB6UZ FJ	GM4JFJ YQ	<u>16.11.</u>
1378 km	DG7YAZ EL	<u>6.11.</u>	GM8NXC YR	ØL3AL EK
ØB5ØE FL	ØJ1KN EN	GM8BDX YP		
ØL9XX EN	<u>4.11.</u>	G4KKF YØ		
Y23BD GM	ØC9NI FK			
Y23FG FM	ØF3RU FJ			

tnx fer info, John

UQ2GLO wkd:

<u>7.9.</u>	Y21REMM	ØK1BIT/p IK	tnx fer info
-------------	---------	-------------	--------------

F5CJG/p (BF21j) wk d:

17.8.	G4HFO	XK	18.8.	G3ZYY	XK	DL050/p	DL
DK7RC	GJ	G5KW	WJ	G4DHF	ZM	DK0EA/p	EK
DL1MBV	FI	GW8ELR	XL	G4CYA	ZN	8.11.	
DL0FW	GJ	GW8JLY	YL	G8WRX/p	ZM	PA0CKV/p	CM
DF9RJ	GI	G4FIS	ZM	GW4EAI	YL	PA0MS/A	CL
DL3MBG	GI	G8LEF	ZN	G8NCK	ZM	G4CVI	AM
DF7RG	GI	G8ZPC	YN	GW2HIY	XN	G4BPO	AM
PA0JIM	DM	G8VRJ	ZN	G3LTF	AL		
PA3AJG	DM	G8XLV	ZN				

tnx fer info, Guy

F6ETI (YH24c) wk d:

15.8.	25.10.	2.11.	DG5EAH	DL	F0BJT	DG	
F1JG	CD	F1DLT	DN4EV	CK	5.11.		
DJ9UX	DL	HB9AEN/p	DN5FO	CK	0E5XDL	HI	
DN4YZ	CK	F6FGV	3.11.		HB9PDN/p	EH	
19.8.	1.11.	DF8JD	DL		10.11.		
F6GIA/p	DH	F2YT	BK	DK0HH	DK	EA1TA	VD
20.8.	F1CNF	BK	DBSVT	DJ	EA1TA	VD	
F1DLT	DH	F1DFM	BK	PA0ERW	CL	EA1ED	VD
19.10.	DC3VW	DJ	PA3ABA	CL			
F1DLT	DH	DF5JZ	DL				

tnx fer info

F80P/p (CH29f) wk d > 600 km:

7.11.	OK1KRQ	GJ	OE5XVL/5	HI	G3UVY	ZL	G4GFX	YM
Y22QG	FM	OK1KPU	GK	G3CSZ	ZL	DL3KS	EM	DJ9YE
YU3ES	GF	OK1KRG/p	GK	G4BPO	AM	OK1KVK/p	GK	DK3UZ
IW3QEF	GF	G3SEK	ZL					
PA000S	DN							

tnx fer info

G4IGO (YL38f) wk d:

30.8.	OK1KHI/p	HK	6.11.	OZ6HR	EP	F1BUU	ZE
OZ4UN	FQ	DJ4GC/p	EL	F6ELI	ZE	F1FVP	ZF
3.9.	DK0GR/p	EK	EA1RCA	VD	OZ2ZB	EQ	F1EAN
EI3VFF/p	VL	OK1KRP/p	GK	7.11.	PE1DTU	CN	F1FBE
4.9.	LX0DX	DJ	F6CJG/p	BF	30.1.	2.2.	
EI3VFF/p	VL	2.11.	22.11.	EA1TA	VD	OZ1DPR	EP
5.9.	EA1TA	VD	PE1GHV	DM		OZ2ZB/A	EQ
EI3VGG/p	VL	F1B0F/p	AE	14.1.			
DF1VM/p	DJ	3.11.	OZ1DPR	EP			
	EA1CR	XO					

tnx fer info, Ken

OE60WG (HH78j) wk d:

16.8.	6.9.	6.12.	30.1.	I6PQO	HC
I6TCR	HC	I5PGC/5	FC	I6WJB	HC
19.8.	YU6ZAH/6	JC	I5KKW	FC	I4KLY
I7HVP	IB	22.9.	I6WJB	HC	I0UGB
YU1FU	KE	I6WJB	HC	I6WJB	HC
4.9.	25.9.	I6WJB	GC	I0AKP	GB
Y05TP/p	LG	I6WJB	GC	I0AIJ	GB
5.9.	17.10.	I0FHZ	GC	I0UGB	GC
Y07KAJ/p	LF	I6WJB	HC	I0AIJ	GB
I0RSC/p	GC				

tnx fer info, Walter

GM4CXM (XP00g) wkd:

30.8.		QZ10AO	FP	QZ9KT	EQ	EA1QJ	VD	QZ1FGP	EQ
QZ10PR	EP	QZ4MM	FP	PA3AMF	CM	EA1TA	VD	15.1.	
QZ1BUR	EQ	QZ10UP	EQ	DK70B	EM	7.11.		QZ3NH	EQ
QZ4VV	EQ	DF3XU	FM	QZ1FND	EQ	EA1QJ	VD	QZ3FGP	EQ
QZ1CFO	ER	DB3LF	FO	5.9.		EA1ED	VD	QZ1GDZ	FQ
QZ5TG	EP	DJ9BV	EN	F6CTT/p	AJ	F6K8F/p	AJ	QZ2ZB	EQ
QZ1CTZ	EQ	DG1BP	DN	G40GU/p	XK	EA1RCA	VD	QZ1FKP	EP
QZ9PW	EQ	DB4LT	EO	G4CAN/A	YK	EA1TA	VD	QZ1FMB	EP
QZ1CTC	EP	PA0CIS	CM	G8SDS/p	YK	EI2CA	VM	QZ20E	EP
QZ1DJA	EQ	DK1KO	FN	EI2CA/p	WM	14.1.		QZ3GW	FQ
QZ1ELF	EP	DG4BAS	EN	G6HH/p	AK	QZ1CTC	EP	QZ1FEF	EQ
QZ1EKI	EP	DB7XV	DN	G4JMR/p	ZK	QZ6HR	EP	QZ1EJI	FQ
QZ1DSK	EP	QZ1BVM	EP	PA0LGJ/A	CM	QZ1DXE	FP	QZ1HOW	EQ
QZ6KH	EP	DC1XW	FN	F6EAS/p	ZJ	QZ1FHU	FP	SM6GDA	GR
QC4XH	EP	DG7BX	EN	6.11.					
DH9NAC/OZ	EP	DL2LAH	EO	F1FHI	ZH				
QZ5TE/A	FP	DG1LAW	EO						
QZ1BCC	EP	DL3YB/A	FM						

tnx fer info, Ray

DE3CEW (II52f) wkd > 600 km:

1.11.	17.11.	24.11.	1.12.	11.12.	
DB5PZ DK	DD9ZG EK	DD8UY EK	DC1UR EJ	DD4KU DK	OK
2.11.	18.11.	26.11.	6.12.	DD9ZG	EK
DB5PZ DK	DB5PZ DK	DG7FAB EK	DD3KU DK	17.12.	
DD9ZG EK	19.11.	28.11.	7.12.	DB5PZ	OK
11.11.	DD9ZG EK	DD9ZG EK	DC1UR EJ	27.12.	
DB5PZ DK	21.11.	29.11.	8.12.	DD3KU	OK
12.11.	DD9ZG EK	DG9FC EK	DD8UY EK	29.12.	
DD9ZG EK	22.11.	30.11.	DD9ZG EK	DC1UR	EJ
15.11.	DB5PZ DK	DC1UR EJ	9.12.	2.1.	
DB5PZ DK			DD3KU DK	DJ2QA/p	EJ
				DJ5EN	EJ

Ein fast täglich über 1/4 Jahr durchgeführter Test mit DG7FI (EJ)
u.a. ergab, daß gegen 10 Uhr UTC immer ein QSO zustande kam.

tnx fer info, Erik

ON1IM (BL79c) wkd > 800 km:

6.9.	OE5XPL HI	OE3LFA II	OK2BRD JJ	3.11.	
SP6GWN/6 IK	OE3WBA/3 HH	OK1KKH/p HJ		EA1CV XD	

tnx fer info

ON7EH (CK03f) wkd:

4.8.	11.8.	12.8.	14.8.	28.8.	
GW3NYY XL	Y41VL/p HO	I1KTC/4 EE	F6EVT/p AC	LA1EKO BQ	
SM6FLL GR	DL0SP/p DO		SP6ASD HL	PE1ALA/mm BM	
PE1AGJ/HB0 EH				OK3RMW/p KJ	

I am very interested in tropo contacts with stations in northern Italy, Yugoslavia, Austria and Poland. I still need squares such as: EF, FF, FG, GG, HH, HN, IO, IN, IM, XM, KI, JG.

In fact every station who is interested in working with the CK-square can write to: ON7EH Michel Spelier, Blyde Inkomststr. 79, B-1830 Machelen.

PAØRDY (CM45a) wkd > 1000 km:

3.8.	UQ2IV	KQ	5.9.	OK3KGW/p	JJ	6.9.
SM5KWN	IT	UP28JB	LP	SP9WY/9	JJ	SP9EWU/9 JJ
4.8.	RP2BDG	KP		OK3KZA/p	JJ	SP6JLW/1 IN
SP2DFW	JM	5.8.		OK3RMW/p	KJ	OK7ZZ/p II
SM19SA	JR	UQ2GDA	KQ			HG9KOB/p KI
UQ2GLO	KQ					

tnx fer info

PAØWWM (CM63g) wkd:

29.8.	OK10NI/p	GJ	DLØBQ/A	FH	H898OI/p	DG	OE5XXL/2	GH
F68GC/p	CG	OK1KPU/p	GK	OE1ERC/9	EH	OK10A/p	HK	1.11.
5.9.	Y52ZN	GK	PA3AVL/HB/p	DH	OK2EC/p	II	F1FEN/p	CF
GW4ERP/p	YN	OK1KKI/p	HI					
6.9.	OK1KRG/p	GK						
OK3RMW/p	KJ							

tnx fer info, Wim

PA2REH (CM54h) wkd > 600 km:

6.9.	H898OI/p	DG	OK3KPV/p	JJ	OE2CAL	GH	OE5XXL/2	GH
PA3AVL/HB	DH	OK3KGW/p	JJ	OK1KDG/p	GJ	DLØBQ/A	FH	H89AGG/p
								DG

PA2HKR, PA3ABA, PA3BFM, PA2REH (DRØ6h) wkd > 600 km:

4.8.	PAØRDY	CM	DF1ET	DL	PEØWIV	DM	DLØSE	DL
OZ1BJF	HP	PA3AIZ	CM	PA3ASF	CM	PE1DRZ	CM	PA3BSK
OZ1CSI	HP	PA3BKM	CL	PE1AGZ	CL	PAØERW	CL	PE1CXZ
OC7MH	GM	PAØVSS	CM	CN4YZ	CK	PAØSIR	DM	PAØWMD
DF1YQ	GM	PAØROY	CM	PA3AQM	CL	PA3BIY/A	CM	PE1BBA
OK1KPA	HK	PA3AIZ	CM	PE1BVM	CM	PA3RLS	CM	DG1DJ
5.8.	PAØRLS	CM	9.8.	PE1DVR	CM	PA3BHI	DM	
PA3AES	CM	PE1ALA	CM	PAØHIP	CL	PE1DGF	CL	PA3BHF
PA3ADA	CM	PA3AES	CM	PA2GER	CL	PA2GER	CL	PAØWMD
PA3AXY	CM	PA3ASF	CM	PAØJTA	CL	PA3ANV	DM	OJ9CZ
PA3BSI	CM	PA3BIY	CM	PAØRDY	CM	PE1FPC	CL	DB7WR
PAØDVM	CM	6.8.	Y22ME	HM	PAØGTR	DM	PE1FTW	DM
PEØEMC	CL	PE1FBR	CL	Y21PL/p	HO	PE1AGJ	DK	PE1FXJ
PAØCYW	CM	PA2GFL	DM	Y22UL/p	HO	PA3AJG	DM	DB5BN
PE1AAQ	CM	DLØWV	FM	Y41VL/p	HO	PA3BRS	CM	DF5RL
PA3AMF	CM	PA2CHR	CL	13.8.		DB6DC	DL	DB7WR
PA2VST	CM	OK6AS	FM	DF2JQ	DL	PA3AOE	DM	
PA3BBA	CM	SM7DLZ	IQ	OK8JF	DL			
PAØLEY	CM	7.8.		DF5DE	EK			
PE1CCK	CM	PA3AQM	CL	PA3BSK	DL			

tnx fer info, Eric

PE1DGF (CLØ2a) wkd:

12.8.	OZGNZ	GD	28.8.	6.9.	16.11.
E19EH	WN	14.8.	GD4MJS/p	XO	DK5MZ/A
G18TB1	XO	F6EVT/p	AC	30.8.	DK5CL/A
13.8.	F1KJS	CG	GM8ZEQ/m	YQ	
PA2RCH/LA	DR	F6RWI/p	AF		
OZ1EEU	FQ				

tnx fer info, Aart

SM7FMD (HR24e) wkd:

<u>18.1.</u>	OH3MF MU	<u>2.2.</u>	DL2LAH EO	UQ2GCI KO
OH2AUK LT	OH6RM NW	PE1CZQ CM	GBNXI AM	Y38ZA HN
OHØJN KU	OH5BM OV	PE1DAB CN	OZ6KH EP	DK6AQ FL
UQ2GAJ LQ	OH4YA OW	PE1DTU CN	OZ6ZR FQ	G8SAV ZN
<u>19.1.</u>	OH6UE OW			
OH1SZ KV				

tnx fer info, Per-Arne

UB5ICR (SH39h) wkd:

<u>30.9.</u>	<u>23.10.</u>	RA6EAG VE	<u>25.10.</u>	UA3PBY SM
UA3XBS SP	UA3QIN TL	UA3LBO QO	RA3AGS GP	UW3GU TP
<u>10.10.</u>	<u>24.10.</u>	RA3YCP RN	UK3MAV TS	RA3DPB TP
UA6YAF TE	YØ4AUL OE	UT5BN PK	UA3DHC TO	UA3SAR UO
<u>22.10.</u>	UA3YAF RN	UB5UG PK		
YØ4YT OE	UA3QHS TL			
UØ5AP OG	YØ4YT OE			

tnx fer info, Alex

UR2GZ (MSØ4b) wkd:

<u>16.1.</u>	OZ4OW HP	Y2RZA HN	SK7CS IQ	<u>19.1.</u>
OZ1CER HP	OZ1CQI HP	Y22SA GN	SM3JGG/3 HV	OZ1CLL GP
SM7MBH HP	OZ1CGU HP	Y23SA HN	SM3LWP/3 HV	OZ9FW GP
OZ1GRF HP	Y38UA HN			
OZ1GCT HP				

tnx fer info

Y23FG (FM69g) wkd > 600 km:

<u>30.8.</u>	OK3KGV/p JJ	F6CVN/p CI	<u>7.9.</u>	RF2BFG KP
F6KAW BI	OK3RMV/p KJ	F18BD PJ	OK3YIH/p JI	SMØLRN JT
F6GIE/p BI	F6BRZ/p BJ	HB9POI/p EG	SP2HV JO	<u>3.11.</u>
OE1RKU II	HG1KSA/p IH	HB9MMH/p OH	SP2XXL JO	F1FHI ZH
F6DKW BI	G3ZIG/p AM	HB9BOI/p OG	<u>1.10.</u>	F1ØPT BJ
OE3ØBC II	OK3KZA/p JJ	OK3KPV/p JI	UP2BTE LP	F6EDØ/p YI
<u>1.9.</u>	F6CTT/p AJ	HB9KK/p OG	UQ2GLO KQ	
OK3KWZ/p JI	OK3KWZ/p JI	G4BWG/p AL		
<u>5.9./6.9.</u>	F1ØFE/p CI	HB9AMH/p OH		
SP9WY/9 JJ	HG6KVB/p KH	HG1W IH		

tnx fer info, Rolf

YU7NWN (KF24F) wkd:

<u>25.12.</u>	<u>7.1.</u>	I4BXN FE	IV3HWT GF	I3LGP GF
SP5BIN KM	I7ØSN IB	<u>8.2.</u>	<u>14.2.</u>	<u>15.2.</u>
<u>28.12.</u>	<u>18.1.</u>	I3CLZ/3 FF	IV3HWT GF	I6WJB HC
I3LGP GF	I6WJB HC	I4KLY/4 GD		

tnx fer info, Pista

YØ7KAJ/p (LF53a) wkd > 500 km, 1400 m a.s.l.:

<u>4.9.</u>	YU2ARS/2 HE	I3TJQ GF	<u>6.9.</u>	OE8GVK/8 GG
OE6WIG/8 HG	YU3TCW/2 HE	YU3UPI HG	YU3DGO/3 HF	YU3ACM/3 GG
OE6LOG/6 HG	I3FRZ GF	I3TJQ GF	YU3USE/3 HG	YU3TTI/3 HG
OE3ØKS II	YU3BA HF	YU3TSE HF	I6ØQE FF	YU2CEI/2 HF
OE6FNG/8 HG	ISMZY/4 FE	I3LOS FF	I4IND/4 FE	OE6WVG/6 HH
YU3CAB HG	YU3ULE/3 HG	YU3DRL/3 HF	YU3ES GF	YU2SVF/2 HF
<u>5.9.</u>	IV3HWT GF	YU3BDE/3 HG	I6CXØ/6 GD	YU3DMN/3 HG
YU3ACA/3 HF				

tnx fer info: YØ7CJH, 7VS, 7VJ, 7ØKX

70cm	70cm	70cm	70cm	70cm	70cm	70cm	70cm
------	------	------	------	------	------	------	------

DD1XF (FM) wkd:

<u>14.1.</u>	G3ZHI ZN	GMRBFX YP	G3MRK ZN	<u>17.1.</u>
PA/DAR CL	G4LOJ AM	G8JJR ZN	G8AWN ZN	SMEEAN FR
OZ1BJF HD	G8VHR ZN	G3ADY ZN	G8ADE ZN	SM1BSA JR
G4FXJ ZN	G8AYS ZN	G8VLO ZN	<u>16.1.</u>	SMSEZO FR
G4GZA ZN	G8BPY YN	G8FNN ZF	OZ1HBB FR	

I am very interesting in Tropo on 70 cm and 23 cm Skoda. Write to:
 DD1XF, Frank Schreyer, Rappenstieg 25, D-2000 Hamburg 72.
 Phone: 040/5437185. tnx fer info, Frank

OG1NZ (FJ56j) wkd:

<u>4.10.</u>	I4ELL/6 GD	PA/GUS /p CM	<u>3.11.</u>	G8RZF AL
tnx fer info, Wilfried				

DK5AS (FM44d) wkd:

<u>1.10.</u>	OH5NR NU	<u>3.10.</u>	<u>3.11.</u>	F1EAM AG
OH/NC /m KU	SM0FZH JT	F1DLT/p CH	F6DKW BI	<u>4.11.</u>
OH/AAA JU	OH3YW MU	Y24FD/p GN	F1DME/p BI	OE2CAL GH
OH1FA LU	SM5CPD IT		F1FHI ZH	
SM5DWC IT	SM0DFP IT			
OH2BBF LT	SM0CPA IT			tnx fer info, Andy

DL7ACG (GM36c) wkd > 600 km:

<u>3.11.</u>	<u>15.1.</u>	<u>17.1.</u>	<u>21.2.</u>	SM4DHN/4 GU
F1FHI ZH	G8PNN ZP	OZ1HDB ER	SM4IAZ HT	
<u>14.1.</u>				
G4FXW ZN				Vy 73, Gerhard

F1FHI (ZH63d) wkd > 900 km:

<u>2.11.</u>	DB5OE FL	DK6AS FM	DL9YBJ EL	DF3RU FJ
G3BW YO	DL9XX EN	SP1DSU HN	<u>4.11.</u>	<u>6.11.</u>
<u>3.11.</u>	Y23FG FM	DF3XU FN	DG9RAD GJ	GM8BDX YP
OZ9FW GP	DL7ZL GM	DF7VX EL	OC9NI/A FK	G4CJG/p YO
PE1BWJ DN	Y24QD GM	DL7AAM GM	DL7QY FJ	G4KUX YO
DG6DAD EL	Y23BD GM			
DC4DH FM	DL7ACG GM			tnx fer info, John

OE60WG (HH78j) wkd:

<u>3.10.</u>	<u>15.1.</u>	YU1AWW KE	<u>13.2.</u>	YU1AWW KE
YU4BYZ/4 IE				
I6QGA GD				tnx fer info, Walter

F6ETI (YH24c) wkd > 500 km:

3.10.	DF1JC DL	PE1DPX DM	DJ5VM DK	10.11.
F1KNO BH	EA1CR XD	OG5KK DK	4.11.	EA1ED VD
3.11.	DC6TY DL	F3CF BK	DF7VX EL	
DJ9DL DL	DD4KJ DK	DJ5BV DK		
DL8YQ DK	DJ9PC DI	DJ6MB DK		tnx fer info

G8ART (ZM45d) wkd:

3.10.	DK1KR FN	DK3UC FN	OE2CAL GH	HB9AEN/p DG
G4LRT (ex G8ART) wkd:				
14.1.	OZ2OE EP	OZ7IS GP	OZ1FEF EQ	OZ6CE FP
OZ1BJF HP	DD2EK DL	OZ4XF EQ	OZ3GW FQ	
				tnx fer info, Steve

LA8AK (DS80b) wkd:

20.2.	SM4AXY HT	21.2.	SM4BYC IT
SM4DHN/4 GU	SM4FWY HT	SM7GWU HS	SM4CPA IT
DF5LQ ED	SM5FJ IS		SM5QA IT
SM5DWC IT	SM0NR IT		
SM0FFS JT	SM5BEI JU		tnx fer info, Jan-Martin

PA0WWM (CM63q) wkd:

14.8.	HB9AMH/p DH	G3VJG ZL	4.10.	F1ELL/p DH
F1FHR/p AC	DF7YU EL	6.9.	G8DKK ZL	3.11.
18.8.	3.9.	OE3WBA/3 HH	OK2NH FN	F1FHI ZH
F1FDB DI	G8XNR ZL	OK0NA FK	HB9AMH/p DH	F6ETZ ZH
23.8.	4.9.	OK1UV EL	F1FJL/p DI	F1ETX AF
G4KIY ZM	LA3FV FT	7.9.	DL2NO EN	F1SM/p ZF
30.8.	5.9.	DL7QY FJ	DL0HC/p EN	FGAPE ZH
DD9ZS EK	OZ3GW FQ	3.10.	DR2VY DJ	EA1CR XD
DL8ZM EI	SM6CKU GR	OK0HT/p EK		
OK8VS DJ	G8ASI ZL			tnx fer info, Wim

SM7FMD (HR24e) wkd:

15.1.	OH2BGD MU	OK0NA FK	DF1OH EM	DF0AGO DM
OZ1HDB ER	OH2BWL MU	DB6NT/A FK	DH5DAC DL	OG4OK EM
OZ3GW FQ	OH1FA LU	OZ2OE EP	G8PNN ZP	3.2.
OZ2OE EP	OH1AYA KV	G3LRT ZN	DK3UC FN	DF5LQ ED
17.1.	19.1.	G3AWL ZO	PE1DPX DM	OZ7NI FP
OZ3ZW FO	OR5BM OV	OZ1HRA ER	OC8QB ED	OZ5HAN/A HP
OH2BBF LT	2.2.	DD2EK DL		
18.1.	PE1CMQ SM			
OZ1BJF HP				tnx fer info, Per-Anne

SM7GEP (HR24e) wk d:

<u>18.1.</u>		OH3TH	LV	PAØEZP	CM	G4MPN	ZN	DB4ES	DL
OH1FA	LU	<u>2.2.</u>		PA3BRE	CM	OK3UC	FN	PE1BW	CL
OH2BBF	LT	PE1CQ	DM	PE1CMO	CM	DF1JC	DL	DL4EA	DL
OH2BGD	MU	PAØFRE	CL	PAØGUS	CN	DD2EK	DL	G8PNN	ZP
UR2GZ	MS	PE1GVQ	CM	OKØNA	FK	DB4LT	EO	DF1OH	EM
UR2EQ	NT	PE1HQU	DN	DB7UZ	FK	OH5DAC	DL	DD7LR	EO
UR2RIW	LS	PAØCIS	CM	G8VLQ	ZN	DF7YA	DL	PAØAGO	DM
OH2BEW	MU	PAØAND	DN	G3LRP	ZN	DF7YP	EM	<u>3.2.</u>	
<u>19.1.</u>		PE1HCW	DN	G3AWL	ZO	Y23FG	FM	UP2BJB	LP
OH5CY	MW	PE1DPX	DM						
OH5BM	OV	DF3LY	FO						
OH5NR	NU	PA3BRS	CM						

tnx fer info, Hank

SP1DSU (HN43j) wk d:

<u>6.9.</u>		OZ7IS	GP	DC7HF/A	EN	<u>1.10.</u>		<u>9.10.</u>	
OKØNA	FK	<u>14.9.</u>		SP6VHF	HK	SK6AB	FR	OK1KHI/p	HK
DK2GR	FJ	DL7QY	FJ	<u>30.9.</u>		<u>5.10.</u>		<u>3.11.</u>	
<u>7.9.</u>		DL7HR	FI	OK6AS	FM	DL7QY	FJ	F1FHI	ZH
DB5NT/A	FK	<u>18.9.</u>							
OK1KHI/p	HK	OK1KHI/p	HK						

tnx fer info, Karl

UR2GZ (MSØ4b) wk d:

<u>2.10.</u>		SM5CPD	IT	OH5RK	NU	SMØFMT/Ø	JT	OH4OB	NW
SM5DWC	IT	SM5FND	HT	UP2BBC	LP	SMØEJY	IT	OH3TH	LV
SM1BSA	JR	UP2BJB	LP	SM4AXY	HT	SM4ANQ	HU	OH5BM	OV
OH3YW	MU	SM4FWY	HT	SM5EFP	HT	SMØFNV	JT	OH6UH	LX
OH2BGD	MU	SM5QA	IT	SM7KUG	HR	OH1FA	LU	UA1MC	PU
OH2BBF	LT	SMØEJW	IT	RA1ALN	PT	<u>19.1.</u>		OH5IY	NU
OH2GAS	MO	OH5LK	NU	SM4CSK	HT	OH4UC	NV	UP2CH	LP
SMØFZH	JT	SMØNR	IT	SM5IXE	IS	SM3AKW	IV	OHØNC/m	KU
<u>18.1.</u>		SM5CUI	IT	UP2CH	LP				
SM4IVE	HT	SM4IAZ	HT	SM4LMV	HT				

tnx fer info, Jaan

Y21PL/p (GL56g) wk d > 400 km:

<u>3.10.</u>		DLØSO/A	DL	DLØDR/p	EI	OK8MA/p	FH	OHØPAP	DJ
OK2KAL/p	JJ	DJ3ST/p	EI	<u>4.10.</u>		ØB5MJ	EI	LXØDX	DJ
ØE3XSS/3	IT	DK8VR/A	DJ	ØG4AN	EI	DLØFM/p	FH	F1ELL/p	DL
DLØUC/p	LN	SP9MM/9	JK	DLØCS/p	EO	F1DLT/p	CH	PAØMAR/p	CH
ØB6BX	DM	ØF9IJ	EI	ØE5XXL/2	GH				
DJ9DL	DL	ØG6MV	DK	OZ7UHF/A	GO				

tnx fer info, Thomas

Y23FG (FMØ8g) wk d:

<u>6.9.</u>		<u>3.10./4.10.</u>		<u>3.11.</u>		PE1GBT	DN	OZ1BJF	HP
G3LOR	AM	<u>7.9.24a)</u>		F1FHI	ZH	PA3BGL	CN	<u>16.1.</u>	
ØB9YU	AM	PAØJRS/A	CK	<u>10.1.</u>		PE1GZZ	DN	OZ1HOB	ER
PAØORA	CM	DJ3ST/p	EI	PE1BWJ	DN	PE1CNQ	CN	<u>17.1.</u>	
<u>1.10.</u>		PAØHRC/p	CL	PE1AUV	CN	<u>14.1.</u>		OZ5UN	FQ
OH1FA	LU	OK8MA/p	FH	OK1IZ/PA	DM	G3AWL	ZO	SM6HYG	FS
OHØNC/m	KU	F1ELL/p	CH	<u>13.1.</u>		PE1BWJ	DN	SM6FZD	FR
OH4AA	JU	DK8VR/A	DJ	OK1TZ/PA	DM	PE1HCW	DN	<u>20.1.</u>	
OH2BBF	IT	ØG6MV	DK	PE1CNP	CN	PAØØNS/A	DN	ØE2CAL	GH
SM7TT	HR	DLØXA/p	DK	PE1CQ	DM				
SM5DWC	IT	F1DLT/p	CH						

tnx fer info, Rolf

METEOR SCATTER NEWS *wy 73! Bond, DF2ZC*

This time you will see all the infos you were missing in the last issue, especially about the perseids. Apologizes again!

During the Quatrantids the activity on 144.400 was very low, though on 144.200 the reflexions were really terrificly strong a 1 long.

From my home QTH in DK I could only hear few stations on .400: OZ3ZW (FO), DB2VY?, PA6..., one F- and one YU-. Many more QSOs could have been completed on RANDOM if people had not stayed on .200 only, where the strong QRM avoided a great number of completed QSOs. So why do people not make it easier for themselves and work on .400, too? Perhaps because they think they would miss something if they stayed not on .200. This may seem so, but what does it help to be grv on .200 when you hear 3 or more stations during the same reflexion and so can not identify a single call sign???

It would help so much if they qsy to .400; even for 1 hour only. And if they called there, also they perhaps don't hear anybody there, via MS. Many others might be listening there. 144.400 worked so fine during perseids; has it been forgotten again in geminids and quatrantids???

So please do not forget it again in the next showers!

144.400 alternative SSB-RANDOM QRG 1 min periods

144.145 alternative CW-RANDOM QRG 1 min periods

and of course the breaks all 10-20 s (Many of the OM sending their reports remarked that they had heard many stations in good long bursts but not breaking; not on RANDOM and also not in skeds. On RANDOM it is sometimes not so easy to break because you just hear many stations calling you in the burst and can't identify a call sign. This could be helped a little bit by 144.400)

So hopefully seeing you on 144.400 and/or 144.145 soon!

Yours *Bond* DF2ZC

For DX-Pedition-planning OM:

Deadline for DUBUS 2/82 is 15.06.1982 So if you want to announce it in DUBUS, you must write me so early that I have your letter on this day (latest). DF2ZC/PO Box 1463/
6252 Diez/W-Germany

Delivery of 2/82 should normally be about August.

UESJIN continues:

13.08. 0000-0120 UR2RDM WT 27 28 12 12 0 33s
0200-0400 SM5RFS JT 46 36f 4 6 0? QRM
2200-2400 IYNNI QC 26 27 1 3 0 5s
14.08. 0000-0200 OH7UE OW 26 -- 1 3 NC
NII. SM3ZG 0200Z CH7AW, IATK, PA6DDY, OZ7ELP, UA9CWN, LT1GB, PA3JL,
OH6IC, JA6SLI, JSWZ, SVTGBE, PA6FSE, UA9JRS, PA3JCS, UK2BAF, UD6DDP,
Hm3 RANNDM: PA6SLI, JSWZ, SVTGBE, OH6IC, OH7UE, UA9CWN, LT1GB, PA3JL,
OZ50BE, Hg4TKI, SM7FSE, IZ2QGG, IZ2ME, SM7AIVE.
tux fer info, Waeli

UA3JBO 0020th Wkt:
1.07. 2100-2135 UD6DDP VA 28 27 3b 1p 0
20.07. 1600-1700 DJ5VI HJ 26 26 5 5 0
0300-0325 SM5GKX/7 IR 27 26 8 3 0
23.07. 0000-0100 OZ7ELP EF 27 26 18 20 0
10.08. 0700-0830 Hg4XT JH 27 26 7 7 0
1800-1920 PA3ABA/LADR 27 26 7 3 0
2000-2040 LT6NMA FK 29 37 7 8 0
2200-2400 LA9EM BU 26 47 5 3 0 SSB
11.08. 0400-0440 OY5XDL HI 26 26 12 15 0
0900-0920 Y21PL/P OL 36 26 1 7 NC
1400-1535 PA3AJG IM 27 27 5 5 0
2000-2130 YU2CGB IF 26 26 1 5 0
2130-2150 YU2IS KE 39 29 3 7 0
2210-2235 PA2VST CM 38 39 4 2 0
12.08. 0020-0035 SM3AKW IW 49 49 2 0
0620-0635 PA3AES CM 49 37 4 1
0749 YU1EU KE 39 39 1 0
1100-1115 I4BXN PE 26 26 5 3
1600-1730 G3VYF AL 26 26 5 3
1800-1840 D9THM CM 26 26 4 4
2025-2055 PA6HIP CL 38 38 4 4
2055-2110 DP5HC FN 27 27 1 1
2110 DJ5EV 59 59 1 1
2146 DJ5EV 59 59 1 1
13.08. 1400-1435 YU1AWW KE 26 26 14 0
18.08. 1400-1530 DK3FW KE 26 26 14 0
tux fer info, Valeriy
GM4CKM XF69Z tried his first MS:
3.01. 1433-1453 OZ7EXY GO 27 27 mti 0
1700-1712 DJ7ARE GM 27 27 mti 0
1800-1834 YU3CAB/3 HJ 26 26 4b 12p 0
2000-2030 FJ4G CD 39 26 9 11 0
eri to I4BXN, but no CW (friend made sked)
tux fer info

Luxemburg: During 7 - 11 May 1982 some Dutch amateurs will be
active from IX. For info on skeds write to PA6RDY
Rob Dijkstra/Het Breed 875/1025 JE Amsterdam
Tel.: 020-325745

tux fer info, Rob

UK-Fedition to KR-Square:

In periods 1982 G4VQ/OM and G8IXG/OM will be working from
the island of Kikar, which is located in KR-Square.
Operation will be on SSB/CW with a modified FT 225 RD (35R83)
2 times 40X350A and an antenna system not yet decided on.

Skeds can be arranged on VHF-net or already earlier directly
via: Dave Grnsip, G8IXG/2, Flaxman Close/Bury/Healding/
Derbyshire, England
tux fer info, Dave

GR-Square:

From 10.07. to 31.07. DG2BAQ will be qrv from GR-Square for
SSB-Skeds. Preferred times: 0800-1100 UT and 1400-2300 UT
Alignment: 10 211 E, 60 W HZ, 10 ele Yagi, 8F 981 (300 m ASL)
For skeds write to: Mathias Prange/Alt. Postweg 22/2863 Rattier-
tux fer info, Mathias

UESJIN REOLF (QF79e):
21.06. 1900-2000 UD6DDP YA 26 27 8b 11p 0
23.06. 0200-0400 DJ7HJ GR 26 26 4 5 0 QRM
29.06. 1600-2000 UD6DDP ZJ 27 27 1 2 0 6s
1.07. 1800-2100 YU4AW WJ 26 -- 1 2 NC
3.07. 1920-2025 UD6DDP YA 29 29 11 18 0 9s
12.07. 1920-2010 UR5NEQ SR 27 27 9 13 0
14.07. 1900-2046 YU3VJ HJ 26 27 10 21 0
19.07. 1900-1945 SM7FSE GQ 36 26 5 12 0 7s
2100-2210 SM5GKX/7 IR 26 26 4 8 NC 4s
26.07. 2000-2200 UA1ASA FR 27 27 16 20 NC 4s
27.07. 2000-2130 SM6CWU FR 26 26 4 3 0
29.07. 0200-0400 IZKX/8 HY 37 26 7 26 0 7s
1.08. 2100-2235 I3JLQ GP 27 27 7 15 0
2235-2310 I3JLQ GP 27 27 6 10 0
2.08. 1800-1845 UR2RDM HT 27 28 4 6 0 5s
2000-2140 SM5FRH EI 26 -- 1 1 NC
6.08. 2000-2200 YU2EZA IG 26 -- 3 4 NC
2000-2150 UR2GZ MS 26 26 7 18 0 9s
7.08. 2000-2200 OH4UC NV 27 27 6 16 0 8s
2000-2200 UR2QA NS 26 26 9 19 0 5s
10.08. 2000-0135 SPEDW JH 26 27 5 12 0 2e
1800-1920 OH2EER IF 27 27 26 1 0 NC
2000-2200 I4CHL CS 26 -- 1 4 NC
2200-2400 Y22UL/P HO 27 27 4 4 0 QRM
11.08. 0000-0200 OZ1EXI EP 26 27 3 2 0
2000-2100 OH3YW SP 26 27 9 18 0 16s
0140-0215 RA3AGS SP 27 27 9 18 0
0200-0400 F1PJM AH 26 26 4 3 0 QRM
0900-0920 IW3QEG GG 27 27 9 13 0 SSB
1200-1400 Y41VL/P HO 27 26 8 5 0 25s
1400-1645 UA9FAJ CR 26 26 6 6 0
2000-2110 SM6AOT JT 26 26 6 7 0
2200-2300 OZ1FJU FR 26 -- 2 3 NC SSB
see over

DX-Petition to ER Square

During peregrils 82 a group of dutch amateurs will be active from ZR42h. Stets can be arranged via PA3BBA on direct or on the VHF-Net.

Rudi Pels/PO Box 10315/2501 HH Den Haag/The Netherlands

Equipment will be: IC 251 + modified front end (DA7VY) +

2x 40X250B + 16 ele P5PT

Frequencie are 144,116 and 144,316 Mhz, possibly we will be

qrx on 432 MHz, too.

Max. speed is 1000 IPR, the IARU-Region 1-procedure will be used.

So lets hope that all our partners know what B.W.O.S and Y means.

The call-sign is not sure yet. tnx fer info, Rudi

D6/VW PH44e:

19.08. 1000-1130 UH2EQ NR 49 -- 5b 30F 25s 450 QSO:DK7OB
 11.08. 1300-1350 UA3HF SS 27 -- 1 2 NC 5s 45s
 1410-1500 R80P CG 26 -- 2 NC 215s
 1600-1725 UA3BO QO 27 -- 1 3 NC 70s
 2115 YU2RU HD 38 -- 155s
 2142 4740Z RS 27 -- 155s
 "AMS R37R37R37 4740Z R37R37"
 RA3YCR QN 49 -- 80s
 RA3YCR QN 59 -- 80s
 2331
 2331
 eq RA3YCR 4 min up to s9

tnx fer info

1400-1600 UR4CZ (MS) 26/26 27b 14p 2sec C
 1800-2000 F6EQO (YI) nil
 6.6.81 0200-0400 UR2CZ (MS) 26/27 19b 34p 2sec NC
 0400-0600 UH5GBY (QG) 26/- 3b 1p 2sec NC
 0600-0800 G3FEM (ZK) SSB nil
 0800-0940 G3FEM (ZK) 27/26 4b 80p 2sec C
 1000-1115 SM5GHR (HS) 27/26 11b 19p 1sec C
 1200-1400 P3RZ (AG) 27/27 10b 12p 3sec NC
 7.6.81 1000-1105 G4BSC (ZQ) 26/26 20b 40p 3sec C SSB
 1200-1400 UA3MBJ (SS) nil
 27.6.81 1900-2100 UB5EPQ (QH) 27/27 29b 35p 2sec C

FA3ACU DNG5E wk4:

15.07. 2200-2400 G3NLT AG 27 27 48b 66p C 3s
 29.07. 2300-2300 YU7JGX KP 38 27 12 18 C 15s CW RANDOM
 29.07. 2300-2340 YU1AW KE 28 28 8 14 NC CW RANDOM
 4.08. 0800-0400 SM2ILF KY 27 27 mm1 NC
 9.08. 0800-0305 SM2ILF KY 27 27 30 38 C 5s
 11.08. 1514 OH6MT NM 37 28 15 C SSB RANDOM
 12.08. 2000-2100 UR2RGM NM 26 26 15 C 3s
 0829 OH7PI NM 37 59 1 C SSB
 1020 SM3ATM IW 37 26 1 C
 tnx fer info, Harry

Connections and Supplements to the MS-List:

64ABR YK D. Butler/23 Whitehouse Dr., Kingston/Hertford/
 HR2 9SR Phone: 44 961 25018
 OK2BHF J.E. Heikkinen/Radiosama/10940 Hanko/(358) 91-81244
 OK7NH ZH J.P. Maitton/Via H6e/44120 Veron also to em
 IW5AVM FO M. Parnegiani/Via Senese 3/58100 Grosseto/0564-27304
 IV P. Hammerberg/Leroverks. 424/82100 Bolnes/0278-16261
 DL6ZAU EK G. Volkman/Staflenbergstr. 5/6367 Karben-Rendel
 Phone: 06039-7966
 OK1DX M. Gitter/Jalonskén 42/30145 Plesni/19-45976
 OK2LO RP P. Gisting/Oldenborry 13/Berholm Blöv/9000 Alborg
 OK2PDH GP C. Pelly/Borgsager 14/2650 Albertslund
 OK210Q GP U. Lindhardt/J. Appla Alle 89/2740 Kastarp
 SM2ILF KY S. Hedensstrom/Pl. 11537/93100 Skelleftea
 SM2HJ J.E. Suchets/Box 37/32550 Kzeszowice
 R12DA WPF. Kartuli/St. Henri Connoe/Ashford CO-Michazlow
 OK2KX BP J. Karlund/Stendemyr 155/6092 Vamnek
 OK3BW HK J. Jordan/Halkova 51/160 oo Praha 6/162 329 51 81
 OK3BW HK J. Jordan/Halkova 51/160 oo Praha 6/162 329 51 81
 OK1RA HK J. Oklita PO Box 105/160 oo Praha 6
 OK1RA HK J. Oklita PO Box 105/160 oo Praha 6
 OK1VHX HK Jiri Hltner/Velutanska 552/ 190 oo Praha 9
 OK2BHF silent key
 J3 J. Szarowski/Kironova 642365/734 o1 Karyina 1
 OK2BHF silent key
 OK2BHF J. J. Ondracek/Ja. Lesamov 256/69142 Valtice
 OK3KMY II via A. Vrtak/dl. 1. maja 27/1901 o1 Malacky
 OK3KAG KI via OK3AU
 OK3GAX II J. Kosinova/Vlachovej 3/829 oo Bratislava
 OK3BKW JI via J. Zaleso/Petrusov 15/127/952 o1 Vrabie
 OK3KOW JI via J. Ivan/Kvetna 30/934 o1 Teplice
 OK3DXY II P. Vloentz/Borahanka 2/917 o1 Lymova
 OK3KFP JI via B. Benus/Fushkino 50/ 986 o1 Filakovo
 E19D no more qrx
 SM4EEI how SWT/EBI
 PEDHO AD he has changed his qth from EJ to AD, activity from
 EJ to AD will be possible on demand.
 F1DDA BI (OP of F1KEF)
 CG J.M. Maublane/Columbler-1-Hant/71460 ST Gengoux-le-
 National
 PEDMO silent key
 ZG will soon be qrx
 no more qrx since many years
 EM P. Ziese/Fuehrbachstr. 16/3500 Hannover//0511-690468
 GM ex DC7HM
 DL7AN new telephone Nr.: 081 66604
 JT A. Gunnarsson/St. Bely 15/1260 Hagersten (SSB)
 KG Radioljub/Mary ter 6/8 /Szentes H-6600
 CG Nary Grula/Sima F.45/ Szentes H-6600
 H08BT CG D. Bittler/-Barthel-Str. 21/2520 Rastock 22
 Y02HA NE PO Box 5-30/Bucuresti 3
 Y05ANV/3 NE PO Box 5-30/Bucuresti 3
 DN A. Jansen-Paristr. 39/2980 Norden 1
 DN S. Fischer/Paristr. 24/2980 Norden 1
 DL6BG DN H. Kowalczik/Kornseleicherweg 1/2980 Norden 2
 DL6BZ NP G. Andersen/Bgevolen 156 1 tv. 2650 Hvidovre
 O22GZ

HG1YA IH63b wtd:												
27.06.	0600-0700	U0505X	OH	26	26	3b	17p	C				
10.08.	0500-0915	REFOE	YI	27	27	13	22	C				
11.08.	0350-0359	GDCU/D	XO	27	26	4	2	C	RANDOM	SSH		
	0400-0445	PACHR/LMR	3A	37	27	5	5	C				
	1000-1015	REIFT	H6	27	27	2		C				
	1200-1225	P80P	CG	27	29			C	RANDOM	SSH		
	1905-1920	SM6AUX	GQ	26	26	7	12	C				
12.08.	0040	SWTJFE	GQ	36	39	1	4	C	RANDOM	SSH		
	0139	G3MTY	3A	39	39	1		C				
	0200	SM3DCX	IV	37	37	3		C				
	0250	GDCU/D	XO	59	27	1		C				
	0452	O29FW	XJ	39	37	1		C				
	0507	G4LFD	XJ	39	37	1		C				
	0713	D96U/D	AL	59	59	1		C				
	0728	G6GCP	XI	39	39	1		C				
	0728	G8DQY	YK	38	38	1		C				
	0729	SM3RGL	IV	39	38	1		C				
	0753	SM3COL	IM	26	27	1		C				
	0857	OW7P1	NW	27	27	1		C				
	0916	G4CFL	YN	29	39	1		C				
		2A3BBA	OM	37	37	1		C				
		G4FUF	AL	37	37	1		C				
	0920	PE1DEF	CD	27	27	1		C				
	0930	FTJUG	CD	27	27	1		C				
	0940	G4I90	YL	27	27	1		C				
	1030	G4CIL	YN	26	38	1		C				
	1110	G66J		26	26	1		C				
	1118-1121	IX1IDB	DJ	38	37	3		C				
	1137-1140	G4FFXB	YM	37	27	5	mnt	C				
	1146	G6WP		26	29	1		C				
	1136	G6VHI	YJ	37	37	1		C				
	1250-1252	G4BKUV	YJ	37	26	3		C				
	2100-2130	SM6EHY	GR	36	26	4	2	C				
13.08.	2300-0020	G1AKSO	WO	27	26	5	4	C				
	0400-0530	SM6EAM	FR	26	27	18	46	C				
	2100-2200	UH2RGM	MT	27	27	8	11	C				
tux fer info, Gabl												
UG2CW Hg6Le wkd:												
8.08.	2300-2400	YI2EZA	IG	27	26	12b	26p	C	15b			
9.08.	0400-0500	DI9E5	DL	47	27	11	6b	C	40b			
11.08.	1600-1800	G3IYAW	ZL	37	26	6	12	C	21b			
	1800-1900	P46RHS		37	29	5	2	C	21b			
	2200-2300	H08CB	KG	27	38	10	22	C	8b			
tux fer info, dr Janis												
NG:XUYNUN 02AREI G3IYAW, R6KEP												
NII:DK3WM, K4ZERT, LK1GR, O050GP, P46DOM, DK2IM												
RANDOM:DF50T, P46GFT, P46HMT, IV3HNT, RA3YIGDU9UX3737, DK4EA												
444.145=-1 min CW RANDOM FREQUENCYYY!!!												

PA6RDY CH45e wk4:

23.06.	1155-1255	YU21Q	HE 26 27	12 19	C 2s
3.07.	0100-0230	YU21AY	IF 26 26	17 36	C 7s
11.07.	0200-0230	CH31W/5	PV 26 27	11 29	C 1s
12.07.	0500-0700	CH9VE	MA 37 --	3 4	NC 3s
13.07.	0600-0800	FC6TW/FC	ED 37 28	m n 1	C 9s
20.07.	1300-1430	C31NL	AC 27 27	19 42	C 1s
28.07.	0106-0131	YU1EV	KE 37 39	RANDOM C	2s
	0500-0544	CH1AA	IU 26 26	14 14	C 21s
2.08.	0000-0030	EA1RCA	WD 26 26	13 21	C 1s
4.08.	2200-2300	SM3JO/3	JW 26 26	35 41	NC 2s
5.08.	0128-0150	ON5PP/CT1A	37 28	RANDOM C	5s
	2300-2340	SM3JO/3	JW 26 26	29 51	C 2s
7.08.	1700-1800	ON5PP/CT1A	26 26	13 22	NC 2s
8.08.	0800-0840	CH2BHP	IT 36 26	16 37	C 6s
	0930-1100	CH2BHP	IT 36 26	9 25	C 10s
9.08.	1900-2130	SM21XA	KE 26 26	7 22	C 2s
10.08.	0200-0200	RA1ASR	PU 26 26	2 22	NC 6s
	0250-0240	SP6ARE/8	MX 27 27	26 39	NC 2s
	0600-0600	UB5JIN	RE 26 32	RANDOM C	9s
11.08.	0126-0140	UA1ASA	PE 26 32	1 3	C 12s
	0726-0740	UN22A	NS 49 26	12 13	C 32s
	0800-1000	EA1TH	IO 26 26	6 15	C 7s
	1400-1515	CH9VE	MA 26 --	4 4	NC 2s
	1600-1800	UB5JIN	SK 26 --	3	NC 2s
	2100-2230	RI4DBU	VO 26 --	3	NC
12.08.	2200-2400	UA31BX	SN 26 --	1 5	NC 5s
	0100-0200	UK3EDT	AI 26 --	23 71	C 67s
	0200-0400	UQ28OG	LR 26 37	25 58	C 40s
	1000-0530	UQ28AY	LA 26 37	19 12	C 45s
	1700-1730	UO50GX	OH 26 --	4	NO
13.08.	1800-2200	RO50AA	OH 47 28	RANDOM C	32s
	0125-0200	UR2RGM	WT 49 27	C 65s	
	0645-0750	SM3JLA	UX 36 27	25 27	C 10s
	0800-0840	CH4UC	NV 27 37	8 7	C 5s
	1020-1125	EA4UHI	CL 26 26	15 19	C 4s
14.08.	0000-0200	UO50GF	OG 26 26	13 9	C 18
26.08.	2000-0145	11NWF	EE 26 26	18 27	C 2s
5.09.	0400-0530	LA1K	FW 26 26		

tnx fer info, Rob

UB5JIN wk4:

9.08.	2200-2300	OZ9FW	GP 27 26	5b 10P	C
10.08.	0000-0100	DK1TZ	FL 27 27	4 7	C
	2000-0200	DK6AS	EM 27 27	4 11	C
	2200-0200	DK1KO	WJ 27 27	4 15	C
11.08.	0000-0100	UD6JPD	VA 27 48	8 8	C
	2000-0040	OH7FI	IM 27 27	7 9	C
12.08.	0000-0100	OH6GN	KJ 27 37	7 6	C
	1600-1730	YU2ALB	JP 27 --	2 4	NC
13.08.	1710-1750	DK1KO	FN 38 27	6 5	C

QTH: RJ26a

SK71a

tnx
fer
info

DL1AFB/02 ERT21 wk4:

15.7.81	UA31BJ	SS7he	27 27	9b	20P	3s	C
16.7.81	1200-1400	OK2RFH	JJ12b	27 26	32b	4p	5s C
16.7.81	1400-1600	YO2IS	KE71e	27 26	3b	2p	3s C
17.7.31	0900-1000	P1JG	CD24g	26 26	50b	8p	2s C SSR
17.7.81	1000-1200	G41ff	ZL12b	--	--	break after 45min	NIL
18.7.81	0600-0800	F1EJM	AH64a	27 27	20b	35P	1s C
18.7.81	0800-1000	F6BSJ	OG24g	27 28	35b	20p	5s C
18.7.81	1000-1200	EA3ZL	AB56b	--	--	break after 80min	NIL
19.7.81	0600-0800	OK2SOT	IJ37E	--	--	break after 60min	NIL
19.7.81	0900-1000	G4DSJ	Z063e	--	--	wrong freq? 45min	NIL
19.7.81	1000-1200	YU2ELA	IG54f	27 26	12b	20P	0,7s C
20.7.81	0800-1000	UL1MF	GH12a	27 26	12b	28p	2s C urbi
21.7.81	0700-0800	F1KBF	BI04j	27 26	15b	21p	1s C
22.7.81	2130-2230	TF31RA	PY77?	--	--	not grv? 21	NIL
22.7.81	0500-0500	IG4JB	HC42r	27 26	16b	13p	2s C
22.7.81	0500-0700	IG4JB	GF41f	26 26	19b	31p	2s C
24.7.81	0600-0800	YU2NWN	KE24f	26 --	--	3p sri elec. rain	NC
27.7.81	1400-1600	OE3XXI	EG10b	37 26	22b	12p	4s C

tnx fer info

UR2RCH wk4:

2.08.	1600-1645	UB5JIN	GF 27 27	6b	2P	C	ORA:MS17a
	1800-1910	PA3AON	CL 27 27	4	7	C	
11.08.	2000-2200	PA3AON	DN 25 --	1	7	NC	MT44f
	2100-2200	DU5BY	DK 26 27	2	7	C	
	2200-2200	PA4HIP	CL 25 26	2	1	NC no RRR	
	2300-2400	DF5JL	DL 26 36	3	mm1	C	
12.08.	0000-0040	DL1MF	GH 26 26	m n 1	C	12s	
	0050-0110	PA6UW	DM 27 38	m n 1	C	10s	
	0150-0105	OK31BY	II 38 37	m n 1	C		
	0200-0300	OE6WIG	HG 26 27	3	9	NC no RRR	
13.08.	0000-0115	UB5JIN	RE 28 27	2	8	C	
	0120-0155	PA6RDY	OM 27 48	m n 1	4	C 75s	
	0200-0305	UB5JIN	RF 48 26	2	4	C 75s	
	2000-2200	DF1SO	DI 26 26	2	1	NC no RRR	
	2200-2400	ON6UG	EL 36 --	3	10	NC 2xc up	

tnx fer info

Help to make 144.400 and 144.145 a usual MS RANDOM Frequency!
Be giv there some time, and call also, please!

F1EIT/c was in SSB from BG21j:
(PEGRA.F1EIT.F1PEI)

August 1981
EG21j
Left to right:
MITT, TO

For info, try Jürgen

tn: fer info

LA8AK Jan Martin HOSING, Voilella 39/P, 14620 Vaagsbygd
Postgiro account No. 37 65 120 tnx for info, Martin
(The new PCB is made by LA51E)

collapses
next time



GW3NIX continues:

24.08.	0600-0645	DF2HC	FM 26 27	5	18	C	3s
29.08.	0200-2400	SP9AI	JJ 26 26	1	8	C	2s
30.08.	0500-0555	021FDH	GP 27 26	1	9	NC	3s
31.08.	0500-0645	021EYX	GG 26 27	11	36	C	5s
	1700-1800	DF2VX	ET 26 26	24	31	C	5s
	2100-2305	DF2VX	GI 26 26	6	12	C	1s
1.09.	0500-0610	UA2FAY	KO 27 26	2	3	NC	
	1600-1800	PD2KO	DH 27 26	3	9	NC	
	2200-2315	SP6BDT	IL 27 28	12	6	C	2s
2.09.	2315-2330	SP6ASD	HL 27 28	3	19	C	2s
	0600-0700	IX1GR	DJ 26 26	3	19	C	2s
	2200-2315	021FTU	CP 26 26	5	19	C	3s
3.09.	0500-0600	SH3AZV	IX 26 26	5	19	C	3s
	1900-2015	FO8OT	IX 26 26	1	31	C	2s
	2200-2320	0X1MDX	HJ 27 27	18	31	C	2s
5.09.	0600-0705	122NE	HM 27 26	18	6	C	2s
6.09.	1700-1830	LA6HL	CS 26 26	6	6	C	1s
9.09.	0300-0400	SK7JD	IR 26 26	5	8	NC	1s
	2200-2335	64CDG	ZN 26 26	5	5	NC	
11.09.	0300-0445	SK7JD	IR 26 26	5	12	C	1s
12.09.	0500-0800	DF51Z/LA5FR	IC 27 26	3	69	C	3s
13.09.	0500-0700	SM2CKR	KX 26 26	2	3	NC	1s
19.09.	1000-1050	DL6NAA	FK 27 27	16	45	C	1s
	2100-2130	EA3ADW	EB 26 26	1	1	NC	1s
20.09.	0300-0435	DF7GF	PH 26 27	26	4	NC	4s
21.09.	0200-0400	HG8GE	KG 26 26	8	5	NC	3s
	2200-2300	15WZY	FD 27 26	1	1	NC	
22.09.	0100-0155	DL4EA	DL 27 26	22	8	C	4s
	0330-0530	SM2CKR	KX 26 26	5	6	C	2s
	2300-0015	SM5GNQ	HS 26 26	12	15	C	2s
23.09.	1830-2030	DF6KQ	DH 26 26	13	8	C	1s
	2030-2230	SK3FW	EW 39 26	37	25	C	6s
26.09.	0500-0640	SP2DX	JO 26 26	12	15	C	3s
	2300-0010	PA6OOM	DN 26 26	18	36	C	5s
27.09.	0200-0305	SM6EAN	FR 26 26	20	3	C	4s
	0500-0615	LA5IH	CU 26 26	1	11	NC	
	2000-2115	DK6TU	GM 28 28	28	47	C	2s
28.09.	2000-2100	IL1NVP	EE 26 26	9	7	C	1s
29.09.	1900-2045	LA5IH	CU 27 27	12	4	NC	
2.10.	2300-0000	LA6AK	DS 26 26	4	4	NC	1s
3.10.	0700-0815	DL5JR	DL 27 27	12	1	C	2s
	2000-2200	IG6WJ	HC 26 26	10	9	NC	
7.10.	0500-0600	SP6AOV	IL 26 26	3	4	NC	3s

tax fer info, dt Walt

N1L: YU1MW, -20G3, -32V, -1ADN, H66NG, -1KSO, SP3HLR, -6FUN,
 -9G80, 02GZ2, -1DSK, OH3TH, -6JN, UO2OW, P1FTH, 11ANF, 1, UO50GF, Y24QO

Do not forget to watch 144.400 and 144.145 RANDOM-FREQUENCIES!
 And call on them in good showers, please. Only so we can make
 them as "normal" as 144,100 and 144,200!

Y23FG IW6GE wk4:

12.12.	0500-0600	SK2XW	KY 26 27	21	13	C	2s
	1000-1200	UA3UED	UQ 26 26	1	1	NC	
13.12.	0200-0400	UA3RS	UM 26 26	2	5	NC	DIAPA on QRG
	0500-0600	FG6ID	CG 26 26	2	5	NC	weak SSR
	2210-2300	UR2BGM	MT 27 27	11	5	C	RANDOM QRM
2.01.	1400-1600	ET2CA	WM 26 26	5	5	C	1s
3.01.	1100-1200	11NVP	EE 27 27	2	2	NC	
	0900-1000	11NVP	AF 27 27	6	5	C	15s
	1430-1530	F6KJS	CG 26 26	4	5	NC	SSB
	1800-1900	KU100	KG 26 26	4	5	C	speed too high
18.01.	1400-1600	YU2IQ	HR 26 26	1	1	NC	

Hrd RANDOM: 12./13.12.:UO50GF, LA3SV, YU2RBD, P1TG 10s/50 dB
 3.01.:UA1ASA, OH6NU, F6DWG, UA1WC, 143XN, OH2EHP

tax fer info, Roll

G4ASR IW76G wk4:

3.01.	0000-0045	021FPH	GP 26 37	23	5	C	5s
	1100-1150	SM2CKR	KX 26 27	27	10	C	20s
	1400-1425	DF2HC	FM 27 27	17	6	C	15s
	1500-1535	SM6GNG	FM 26 27	35	14	C	12s
	1630-1710	YU3ULN	GP 26 38	mm1	8	C	17s

N1L: 021GPO, DL7AN, IX1GR, OH7EL (QRM+), YU2GCH, SM5AQJ (QRM+)

resting report about your equipment. You'll see it next issue!
 tax fer info, David, and for the inte-
 73Bernad

021FTU GP23H/FPI41:

10.10.	0620-0735	REDKQ	DH 26 26	18	C	3s	GP-
12.10.	0000-0135	G3HW	YO 26 27	26	C	8s	"
22.10.	0000-0055	UB5EPQ	OH 26 27	12	C	28	"
12.11.	2200-2300	G4KRO	YM 27 26	8	C	16s	"
17.11.	2200-2300	OK2AN	KI 26 26	12	C	3s	"
23.11.	2200-2320	REDVY	YI 26 26	20	C	3s	"
30.11.	2200-2320	11NVP	EE 26 26	12	C	28	FP-
12.12.	1200-1320	UA19ZTL	HC 26 26	14	C	28	"
	2000-2055	SM3JAM	YJ 27 26	25	C	28	"
13.12.	0000-0040	REDKQ	DH 27 26	14	C	28	"
	0900-0040	SK2XW	KY 26 28	14	C	8s	"
	1600-1640	11NVP	EE 27 26	14	C	8s	"
14.12.	0400-0500	UB6WIG	DU 27 26	15	C	28	"
	2230-2315	TA6XN	FR 26 27	12	C	28	"
15.12.	2230-2320	HE8CUN	KP 27 26	11	C	8s	GP-
21.12.	2200-2300	HE8CUN	DO 27 26	12	C	3s	"
23.12.	2240-2355	UA3JAM	NO 27 27	11	C	3s	"
3.01.	0000-0100	YU7BX	XQ 27 27	mm1	C	8s	"
	1435-1455	GH6ALC	XD 27 27	15	C	3s	"
	1600-1715	RA3ABS	SE 27 27	12	C	3s	"
	2230-2255	UR5EDT	HI 27 27	8	C	5s	"

tax fer info, Soeren

OE9XXI/9 (BGLIB) (OPS: OE3UP, 5LFL, 3LI) WKD MS:

24.7.81 1705-1755 GADSC (ZO) 27/27 10b 1p C QRN
 1900-1945 SM5CNO (HS) 26/26 6b 3p C "
 2000-2030 SM5AIVE (HT) 27/27 12b 7p C "
 25.7.81 0200-0255 SM5EJY (IT) 27/27 10b 16p C "
 0400-0450 SM5GZ (MS) 27/27 10b 12p C "
 0600-0710 LA2PT (FP) 26/26 7b 20p NC
 0715-0745 SM7FJE (GO) 27/27 8b 10p C
 0745-0845 SM7AED (GO) 27/28 15b 10p C
 0900-1300 3L3EN (ZX) 27/26 NC
 1230-1315 S5MEAN (FR) 27/27 1b NC QRN
 2200-2300 OH5LK (NU) 26/27 26b mntp NC
 0200-0235 SP2DX (JO) 26/26 6b 14p NC
 0400-0540 LA2PT (FT) 26/26 25b 15p NC
 0600-0650 G3BM (YO) 26/26 25b 15p C
 0925-1025 SM4KVN (HT) 27/27 15b 18p C
 1030-1135 SM4KVN (HT) 26/27 14b 2p C
 1300-1415 SM7GV (HS) 27/26 7b 3p C
 1500-1645 SM7GV (HS) 27/26 7b 3p C
 2200-2255 SM3OK (X) 27/27 15b 50p C
 2400-2425 SM3OK (X) 26/28 15b 7p C
 0400-0445 YU1EU (KE) 26/26 15b 16p C
 0600-0640 YU1EU (KE) 26/26 15b 16p C
 0720-0920 G4LJ3 (ZL) 26/27 15b 7p C
 0800-0840 OH4BSX (LT) 26/27 30b 10p C
 0930-1035 OZ1EXX (GO) 27/27 30b 10p C
 1400-1520 DL7AB/02 (FR) 26/37 24b 16p C
 1500-1605 SM4LNV (HT) 26/27 9b 10p C
 1645-1720 SM4LNV (X) 26/27 1b NC
 1720-1820 LA3EO (CS) 26/26 3b 2p NC
 2040-2105 SM5CUI (IT) 27/27 11b 5p NC
 2105-2200 OZ4VV (EO) 26/27 14b 8p C
 2200-2255 SM4FX (HT) 26/27 14b 8p C
 2305-2340 SM5CHK (HS) 27/28 27b 8p C
 2310-2340 OZ1FTU (GP) 27/26 17b 11p C
 28.7.81 0000-0200 SM2CKR (KX) 26/26 3b 3p NC
 0400-0430 OZ9FW (GP) 37/37 25b mntp C 20 sec
 0725-0820 OZ1EXI (EP) 26/27 12b 15p C
 29.7.81 0300-0350 SK7JD (IR) 26/37 10b 18p C 10 sec
 0600-0645 SM3COL (IW) QRM
 2200-2300 SM3COL (IW) 36/27 10b 10p C 8 sec
 30.7.81 0000-0125 SP6ASD (HL) 26/26 1b NC
 0600-0710 HG8ET (KC) 37/26 10b 12p C 10 sec
 2200-2220 GMA1PK (YP) 37/26 14b 7b C 10 sec
 31.7.81 0000-0100 YO5AIV (NE) 26/36 20b 20p C
 0200-0255 SM3DCX (ITV) 27/27 14b 12p C
 NIL: G1KRSO, SM7DLZ, SM8BUD, SM4DEM, G3VR, YU2DI, P6FOE,

OE3HGW (IIZIE) WKD MS:

7.8.81 1300-1430 G4LJE (AL) 26/26 7b 9p C

MS LOG PAGER (C102e)

01.08'81 13.00-14.05 SK7JD IR 36 26 20b 13p C 10 s
 02.08'81 16.00-18.00 UR2PHJ MT 36 36 10 8 C
 08.08'81 06.00-07.15 OH3WP MU 26 26 9 7 C 10 s
 22.00-24.10 SP2LU JN 36 27 45 25 C
 09.08'81 02.00-02.30 OM5FP/CT1 VA 26 26 3 NC
 03.40-03.46 YU1EU KE 26 26 3 2 C 45 s
 04.00-04.55 YU2EZA IG 37 27 24 15 C
 08.00-10.00 PA2HXR DR TPOPO 519 C
 10.08'81 02.00-02.30 OM5FP/CT1 VA 36 26 38 C
 21.00-22.00 IM3GBC GG 26 27 2 5 NC SSB
 22.00-24.00 SM3GHD GW 36 26 23 27 C
 11.08'81 04.00-06.00 I1BER DE 36 27 52 30 C ?
 10.00-12.00 UA3IHO QO 26 26 36 36 mnt 30, 20 s
 21.00-25.00 OH2KPP 26 26 7 10 NC
 23.00-25.00 YO2KPP 26 26 7 10 NC
 23.00-24.00 EB1KK 26 27 4b, 3 sec C
 12.08'81 00.30-00.50 OM5FP/CT1 WZ 36 26 20 21 C 3 s
 01.50-01.58 YU3ES GF 36 27 6 12 C 23 s
 02.57-03.03 YU3ULM GG 26 26 4 - C
 03.30- HG5A R36 39 random NC
 03.46- IV3HWT/P 26 36 random 1b, C
 10.00-10.55 SP2EMX JM 26 37 19 3 C 23 s
 16.00-16.25 P0EHY DD 27 27 1 burst QSO
 13.08'81 02.00- SM2IZO very sorry not QRV, overslept

NIL in sked: 8/8 UQ2OM; 9/8 YU2DI; 11/8 YU2IQ, OH3AZW, UQ2OM, OH6NU, SP2DFW.

METEORSCATTER REPORT FROM SM7GNO HS7c

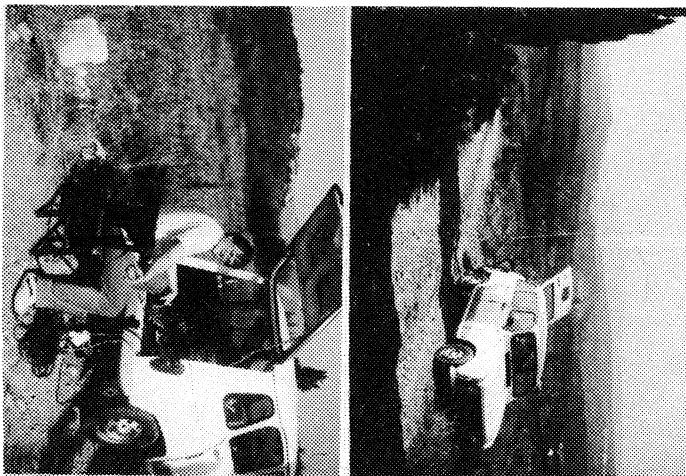
1981
 8.07 20.00-21.10 P6FOE YI 26 26 18 23 3S
 11.07 00.00-01.05 OH3YV/PV 26 26 11 47 1S
 26.07 13.00-14.05 OE9XXI/952 26 26 14 30 2S
 29.07 20.40-21.40 YU2EZA IG 27 26 10 17 2S
 30.07 20.00-22.00 SM2BAI LZ 26 26 14 22 3S
 03.08 05.00-06.50 P6OP GG 26 26 9 23 4S
 06.08 04.00-05.05 OE6ATG HG 26 27 15 32 8S
 09.08 23.00-00.05 OK3GCG II 27 27 9 52 8S
 10.08 06.00-06.50 P1EM AH 26 26 11 21 4S
 20.00-22.00 DL7ABG CI 26 26 10 14 4S
 11.08 04.00-05.40 OH3YU II 27 27 16 47 2S
 06.00-07.20 OH5DU HI 26 26 15 49 42S
 08.00-08.45 P1EIT BS 26 26 6 16 5S SSB
 13.08 00.00-01.20 UH5JIV HR 28 27 10 22 16S
 13.09 04.00-05.20 PA2YST/LX CJ 26 26 14 38 2S

ALL QSO COMPLETE 73 STEVAN

F63RO/P wk4 from BD73:
 12.08. 0353-0400 RELU. AL 26 --
 0400-0500 SM5CHK HS -- --
 0512 DCTHM GM 26 26 1b NC
 0516 ON7EH CK 37 26 1b C SSB
 0713-0800 F5AATS ?? 26 -- NC
 0900-1000 Y06ARP MG 36 37 C
 On 10.08, I was not gvy because of head ache.
 I will be gvy again from BD 1982 with 600 W, WGF 1400 and
 Remaps 4x16 ele instead of one. Next time optimum skeels
 will be taken on the VHF-Net.

merci pour les infos, Dom
 et spécialement pour les photos

NII: SM7GMU,
 SM7DLZ,
 IZ2ML,
 DK1KO,
 SM5CHK,
 SP2DX



UL7AN ex DCTHM GMA8E wk4:
 3.01. 0700-0800 LA6HT CT 26 -- 1b 3p NC
 1300-1400 G4GZA ZN 26 26 9 16 C 10s
 1400-1500 OM6UB BL 26 26 18 22 C 15s
 1500-1600 I6DOP GD 26 -- 4 12 NC
 1637-1700 G4HHA YN 26 26 7 4 C
 1800-1845 EI2GA MM 26 26 2 4 C SSB
 1900-2000 G3MY YO 26 26 3 25 C
 2105-2155 SM2BYG MZ 26 26 3 7 C
 2300-2350 YU7DOB KE 26 27 9 3 C
 4.01. 2000-2200 YU2OCB IF -- -- 3 NC
 NII: EA1TA, UA6YAF, YU7BCX, UB5IAG, G4SR
 tux fer info, Manfred

OE3PWW (11721) wk4 MS:

13.7.81 1200-1315 PA6MM (CM) 27/27 4b 3p NC
 14.7.81 0900-0935 G4DSC (ZO) n11
 22.7.81 1100-1140 G4ISM (AL) n11
 24.7.81 0830-1030 UA3MBJ (SS) 26/26 7b 9p C
 1200-1355 PA6MM (CM) 26/27 28b 29p C
 1400-1430 SM7AED (GO) 26/27 25b 15p C
 25.7.81 0600-0640 F6GCF (BI) n11 (SSB)
 0725-0850 DF7DJ (DL) n11
 26.7.81 0730-0800 IZ2KSO (MD) n11
 1000-1100 SK7JD (IR) 27/27 27b 27p NC QRM
 2200-2300 SK7JD (IR) 27/26 20b 24p C?
 2300-2330 PA2HR (CM) n11
 28.7.81 2000-2100 LA3PT (EU) n11
 2100-2210 P6EMT (ZU) 27/26 14b 21p C
 2300-0100 G8VR (AU) 27/26 31b 34p C
 29.7.81 0100-0235 SM5CNO (HS) 26/27 40b 10p C
 31.7.81 2100-2230 P6RPF (VI) 27/27 13b 18p C
 2300-2335 SM3DX (IV) 27/27 14b 17p C
 3.8.81 0600-0640 P6RPF (AB) n11
 4.8.81 1035-1140 EI2CA (WM) n11
 1200-1235 G6CVO (P) (AO) n11
 2300-2340 P6RPF (AE) n11
 5.8.81 0000-0200 RA3AGS (SF) 26/27 4b 9p C?
 0400-0520 SM7GM (HS) 26/27 14b 18p C
 2300-2340 G6CVO (P) (AO) n11
 6.8.81 0400-0520 SM6EAN (FR) 27/26 29b 50p C
 1500-1530 SM3AET (CM) n11
 8.8.81 0200-0400 UA3OBS (VL) n11
 0200-0400 UA3OBS (ER) 27/26 19b 27p C?
 0400-0505 SM1BSA (JN) 27/27 40b 31p C

FA6KDV DM wk4:

12.07. 0710-0755 F6DMQ/FG EG 27 28 mmi mmi C 5s
 14.07. 0330-0430 YU2EZA IG 27 26 mmi mmi C 2s
 19.07. 0300-0415 YU3ZV HG 26 27 mmi mmi C 3s

tux fer info

Remember to use 144.400 SSB + 144.145 1 min CW R A N D O M!

SWSEBEL J172c wk'd:

810807	1800-2000	YUZZV	HG	N11	-	0	-	-
810808	0600-0800	UBSLAK	SJ	N11	-	0	-	-
810809	1000-1045	G8VR	AL	37	27	188	30p	6 sec C
	0900-1000	F1FLM/P	ZC	26	-	0	3p	NC
	1000-1200	F1KBF	B1	N11	-	0	-	SSB
	1400-1512	F1FHI	ZH	26	26	238	40p	4 sec C
	1600-1800	UA30HS	TL	-	0	0	-	SSB
810810	0600-0700	F6BSJ	CG	26	27	158	60p	8 sec C
	0800-1000	R8SLKW	SJ	N11	-	0	0	NC
	1000-1200	EA3LL	AB	26	-	0	8p	-
	1500-1600	OH50CX	OH	N11	-	0	0	NC
	2100-2200	YU21Q	HE	36	28	188	10p	4 sec C
810811	0200-0400	F6CEFR	AC	27	26	68	9p	9 sec C
	0610-0640	HG4XYT	JH	37	37	178	30p	7 sec C
	0815-0855	OK31BY	11	47	27	158	30p	12 sec C
	1035-1100	SP8LDV	LL	37	27	128	30p	8 sec C
	1200-1340	G4WJS	ZM	37	26	68	18p	4 sec C
	1400-1435	F6FOE	YI	27	37	88	25p	22 sec C
	2005-2140	UA3RFS	UM	37	27	98	15 sec C	15 sec C
	2310-2340	SP6RFE/8	MK	37	37	278	0	40 sec C
810812	0000-0131	112C/C/7	HB	N11	-	0	0	4 sec C
	0600-0940	EA3LEW	CD	26	26	68	18p	4 sec C
	0900-0940	EA3LEW	ZK	37	47	278	15p	20 sec C
	1040-1120	YU2DG	JF	38	38	188	30p	10 sec C
	1340-1435	UA3RHS	TL	37	37	208	40p	8 sec C
	1500-1550	OK2XZP/P	11	37	59	58	10p	25 sec C
	1720-1830	GM50RF	XM	26	26	58	9p	8 sec C
810813	0020-0135	R0500A	OH	37	26	208	P5	12 sec C

Best 73

EA3LL/1 VG151 wk'd:

30.07.	1800-2000	G4ISM	AL	26	2-	1b	5p	NC
	2000-2050	F8OP	CG	26	27	5	7	0
	2200-2340	DY5BY	DX	26	26	10	mm1	8s
31.07.	0000-0035	F6BSJ	CG	26	26	24	mm1	0 208
	0400-0440	17Y1Q	GF	26	26	10	15	0
	0600-0800	Y22ME	HM	-	-	-	-	1
	0300-0500	DJ5MS	GI	-	-	-	-	2
	3.08.	2200-2400	YU2EZA	IG	-	-	-	5
	4.08.	0200-0400	PA6OOM	DN	-	-	-	4
	2200-2400	F6FHP	AE	26	27	18	mm1	NC
5.08.	0000-0020	EA3ADM	EB	26	26	11	mm1	NC SSB

11L:YU1EU,-2EZA,F1FOM,SWSEBEL,-7PEB,-7AED,OM60U,0Z1OF.
tux fer info, José

EA1QJ YD59H wk'd:
27.06. 2000-2200 G3IMV ZL 26 26 C
2200-2400 DK1PZ FL 26 26 C
28.06. 0500-0545 PA3AQW CI 26 27 C
3.07. 0400-0600 17Y1Q GF 26 26 C
5.07. 0000-0200 PA6OOM DN 26 26 C
12.07. 0400-0540 OZ1EXI EP 26 37 C

tux fer info, José (311L)

OK3AU /X127b/ Meteor Scatter activity via sporadic MS:

10. 1.82	0400-0540	PA3BXY	CM	26	28	34b	15p	C	max 1,5 s
	0600-0750	SM6CMU	FR	27	26	14b	23p	C	25 s
	0800-0920	G4LJE	AL	37	26	29b	18p	C	15 s
11. 1.	0400-0600	DP1OH	EL	N1L	-	-	-	N	"
14. 1.	0400-0600	U050CF	OG	26	-	2b	7p	NC	side sca
15. 1.	0400-0600	U050CF	OG	N1L	-	-	-	N	"
16. 1.	0400-0500	G8VR	AL	N1L	-	-	-	N	"
17. 1.	0400-0600	U66YR	TE	N1L	-	-	-	N	"
18. 1.	0600-0750	F6DKQ	DH	26	26	6b	12p	C	8 s
	0410-0600	U050CX	OH	26	26	8b	27p	NC	1,5 s
20. 1.	2000-2200	U050CF	OG	N1L	-	-	-	N	"
	0400-0600	PA6OOM	DN	NOT	QRY	fault	my PA		
21. 1.	0400-0600	LA6HL	CS	-	-	-	12p	N	2,5 s
22. 1.	0400-0600	G4ERG	ON	-	-	-	4p	N	2 s
23. 1.	0400-0500	SM4GTV	HT	27	27	34b	mm1	C	
	0600-0800	Y22QG	FM	26	-	12b	7p	NC	
24. 1.	0400-0600	DK3PW	EM	N1L	-	-	-	N	5 s
	0600-0700	SM4IVE	HT	26	26	25b	16p	C	7 s
25. 1.	0400-0600	PA6OOM	DN	27	27	16b	18p	C	1,5 s
	2200-2400	OZ1DOQ	GP	26	-	3b	6p	NC	
27. 1.	0300-0500	OZ2GZ	FP	N1L	-	-	-	N	1,5 s
31. 1.	0400-0600	F6BSJ	CG	26	26	29b	18p	C	1 s
	2000-2200	F6F0E	YI	26	-	7b	12p	NC	1 s
2. 2.	0400-0600	Y22QG	FM	26	-	4b	9p	NC	1 s
3. 2.	0400-0610	G4GZA	CX	26	26	8b	12p	NC	
8. 2.	0400-0600	OM4TX	CX	26	-	3b	12b	NC	
16. 2.	0400-0600	G4GZA	ZN	N1L	-	-	-	N	

73 Andy

Remark for Typing-machine-Writers:

If you send your reports written by a typing-machine please try to write in a place-scheme of max. 17cm x 24cm. With this help it is possible to print your original sheet, without having to type it again. tux

20704 during the "arselsa 1981"

There is not too much activity from Du-Sinure on the VHF-bands, specially not via ... so a couple of members of the west-Berlin Contest-Gang of DL7ZL/P decided to go to the island of Helgoland during the "arselsa 1981" with the kindly help of DL5HP on Helgoland, we found a hotel and also a very good QTH for VHF-operation. The transfer of the equipment from the harbour of Althausen over to Helgoland was not easy and also very expensive. Members of the group were: DL7YU, XYL Margret (chief in of the kitchen), DL7ZL, OH Manfred (greatest "high voltage-technician in the world"), DL6AC, OH Alfons (he will set the "Abe-ward" for building our antennas for VHF and HF), DL7ZAS, OH Alex (he was calling "Og" in Danish and the Uze came back in English), DL7YK, OH Jirgen ("H. R. bolt", because he has the best ears for weak Tropo-signs) and finally DL7YU, OH Peter (the only CW-OP of the expedition, so at the end he became a little bit nervous, and heard CW-signs coming out of the refrigerator).

We arrived at Helgoland at the 11th of August at 1400 GMT, but had to wait for our luggage until 1400 GMT. We started to build antennas at once, and after solving some problems with the fuses of our QTH, we were ready for Tropo and us at 1400 GMT at the 11th of August. Our first regular sked we had at the 14th at 1400 GMT with DL6AP, so we decided to start with some Tropo operation. The equipment was a I-271e with a 3P981 streamer, and a linear abt 300 Watts out. Antenna was a single 9 Ale. LLY abt 8 mtrs. above the ground. We gave a short "Og" on 144,350 Mc with beam heading south, and the pile-up was unbelievable. So we worked 3-0 stations via Tropo in a row, including three Gustis, which had his-skeds with us during the 12th and 13th. So we had 6 hours more for random operation or Tropo. In the morning of the 12th we started again the Tropo operation, and DL6AC built a new antenna for 14Mc. It was a dipole and worked much better than the window, we had before.

EASLE (AB56b)		EASLE (YCA8b)		in ssb	
26-7-81	06.00-06.00	021RT	EP	26	26
"	22.00-24.00	SP8BT	IL	26	26
27-7-81	06.00-06.50	G6KSD/P	AN	26	13
10-8-81	08.00-10.00	IX1GR	DT	26	14
"	10.00-12.00	SP8BT	JU	26	15
11-8-81	05.00-06.00	EALPD	JU	26	17
"	05.00-07.40	G4NDZ	AL	26	18
"	08.00-09.30	SM5DRV	HR	36	15
"	10.00-10.22	DL6DAK	DL	37	10
"	13.00-17.00	EALTA	VD	26	5
"	22.00-22.26	G4RUX/P	ZP	27	1
"	23.00-24.00	E4AAV	WZ	26	14
12-8-81	04.00-02.00	SM5CNO	HS	26	5
"	04.00-06.00	SP8EAM	FR	26	1
"	05.00-07.30	SP8ZD	XO	26	3
"	08.00-10.00	UB5JIN	RE	26	14
"	10.00-10.18	G6BUO/P	XO	39	11
"	11.00-12.00	SM7GVU	HS	26	3
"	12.00-12.22	G4KKIV	YJ	27	5
"	18.00-20.00	G4YHB	ZN	--	1
"	20.00-22.00	LA6AK	DS	--	2
"	22.00-22.50	G3HW	YO	27	28
13-8-81	00.00-00.40	021PTU	GP	36	36
"	04.00-04.30	PA2GR	CL	27	19
"	10.00-12.00	024EM	HP	27	4
"	12.00-14.00	EALPD	VD	26	15
"	20.00-21.00	021EX	GQ	23	5
"	22.00-23.12	EALTA	VD	26	15
30-8-81	05.00-06.30	DK3PV	EH	26	44
H11: 021RT, PA3BA/LA, 1620B					
H12: 021RT, PA3BA/LA, 1620B					
H13: 021RT, PA3BA/LA, 1620B					
H14: 021RT, PA3BA/LA, 1620B					
H15: 021RT, PA3BA/LA, 1620B					
H16: 021RT, PA3BA/LA, 1620B					
H17: 021RT, PA3BA/LA, 1620B					
H18: 021RT, PA3BA/LA, 1620B					
H19: 021RT, PA3BA/LA, 1620B					
H20: 021RT, PA3BA/LA, 1620B					
H21: 021RT, PA3BA/LA, 1620B					
H22: 021RT, PA3BA/LA, 1620B					
H23: 021RT, PA3BA/LA, 1620B					
H24: 021RT, PA3BA/LA, 1620B					
H25: 021RT, PA3BA/LA, 1620B					
H26: 021RT, PA3BA/LA, 1620B					
H27: 021RT, PA3BA/LA, 1620B					
H28: 021RT, PA3BA/LA, 1620B					
H29: 021RT, PA3BA/LA, 1620B					
H30: 021RT, PA3BA/LA, 1620B					
H31: 021RT, PA3BA/LA, 1620B					
H32: 021RT, PA3BA/LA, 1620B					
H33: 021RT, PA3BA/LA, 1620B					
H34: 021RT, PA3BA/LA, 1620B					
H35: 021RT, PA3BA/LA, 1620B					
H36: 021RT, PA3BA/LA, 1620B					
H37: 021RT, PA3BA/LA, 1620B					
H38: 021RT, PA3BA/LA, 1620B					
H39: 021RT, PA3BA/LA, 1620B					
H40: 021RT, PA3BA/LA, 1620B					
H41: 021RT, PA3BA/LA, 1620B					
H42: 021RT, PA3BA/LA, 1620B					
H43: 021RT, PA3BA/LA, 1620B					
H44: 021RT, PA3BA/LA, 1620B					
H45: 021RT, PA3BA/LA, 1620B					
H46: 021RT, PA3BA/LA, 1620B					
H47: 021RT, PA3BA/LA, 1620B					
H48: 021RT, PA3BA/LA, 1620B					
H49: 021RT, PA3BA/LA, 1620B					
H50: 021RT, PA3BA/LA, 1620B					
H51: 021RT, PA3BA/LA, 1620B					
H52: 021RT, PA3BA/LA, 1620B					
H53: 021RT, PA3BA/LA, 1620B					
H54: 021RT, PA3BA/LA, 1620B					
H55: 021RT, PA3BA/LA, 1620B					
H56: 021RT, PA3BA/LA, 1620B					
H57: 021RT, PA3BA/LA, 1620B					
H58: 021RT, PA3BA/LA, 1620B					
H59: 021RT, PA3BA/LA, 1620B					
H60: 021RT, PA3BA/LA, 1620B					
H61: 021RT, PA3BA/LA, 1620B					
H62: 021RT, PA3BA/LA, 1620B					
H63: 021RT, PA3BA/LA, 1620B					
H64: 021RT, PA3BA/LA, 1620B					
H65: 021RT, PA3BA/LA, 1620B					
H66: 021RT, PA3BA/LA, 1620B					
H67: 021RT, PA3BA/LA, 1620B					
H68: 021RT, PA3BA/LA, 1620B					
H69: 021RT, PA3BA/LA, 1620B					
H70: 021RT, PA3BA/LA, 1620B					
H71: 021RT, PA3BA/LA, 1620B					
H72: 021RT, PA3BA/LA, 1620B					
H73: 021RT, PA3BA/LA, 1620B					
H74: 021RT, PA3BA/LA, 1620B					
H75: 021RT, PA3BA/LA, 1620B					
H76: 021RT, PA3BA/LA, 1620B					
H77: 021RT, PA3BA/LA, 1620B					
H78: 021RT, PA3BA/LA, 1620B					
H79: 021RT, PA3BA/LA, 1620B					
H80: 021RT, PA3BA/LA, 1620B					
H81: 021RT, PA3BA/LA, 1620B					
H82: 021RT, PA3BA/LA, 1620B					
H83: 021RT, PA3BA/LA, 1620B					
H84: 021RT, PA3BA/LA, 1620B					
H85: 021RT, PA3BA/LA, 1620B					
H86: 021RT, PA3BA/LA, 1620B					
H87: 021RT, PA3BA/LA, 1620B					
H88: 021RT, PA3BA/LA, 1620B					
H89: 021RT, PA3BA/LA, 1620B					
H90: 021RT, PA3BA/LA, 1620B					
H91: 021RT, PA3BA/LA, 1620B					
H92: 021RT, PA3BA/LA, 1620B					
H93: 021RT, PA3BA/LA, 1620B					
H94: 021RT, PA3BA/LA, 1620B					
H95: 021RT, PA3BA/LA, 1620B					
H96: 021RT, PA3BA/LA, 1620B					
H97: 021RT, PA3BA/LA, 1620B					
H98: 021RT, PA3BA/LA, 1620B					
H99: 021RT, PA3BA/LA, 1620B					
H100: 021RT, PA3BA/LA, 1620B					

And this is the way we made our contacts. Going on the Vhf-net, arranging shed for the next hour, listening to the shed-partners, after the first good burst we stopped receiving, listened to the tape recording, and from time to time we came back with report on our first transmitting period. When the contact was complete, we turned over to Tropo-operation, and one of us went back on the Vhf-net to arrange the next shed. On this, we worked the following stations via MS:

"	2600-1640 F6FHP	27	27	25b	28p	12	"	AE C
"	2200-2300 SM2LFF	37	26	9b	15p	27	"	KY C
13.8.81	0645-0705 RA3YCR	---	---	---	---	---	"	RM NIL
"	0710-0725 SM3BUU	37	26	8b	17p	15	"	HX C
"	0800-0900 13YJQ	26	27	8b	10p	3	"	GF C
"	0900-0930 SM5CUI	27	27	6b	9p	12	"	IT C
"	1000-1045 UR2RQT	26	26	6b	17p	8	"	MS C
"	1200-1230 O33PIW	M41	vla	Tropo,	MS-QRM	QHP1,	sr1	
"	1300-1345 F80P	49	37	18b	51p	20	"	CG C
"	1400-1432 GA1IG0	N1L	vla	MS,	Tropo	529	579	YL C
"	1500-1540 RA3YCR	26	---	1b	6p	2	"	RM NC
"	1800-1830 UR2EQ	---	---	---	---	---	"	MT NIL
"	2000-2040 GA3YHU	---	---	---	---	---	"	YL NIL
"	2200-2235 SM2CR	26	27	8b	12p	10	"	KY C

3.) The tropo-procedure of some of the stations (specially the *2Ms* and *11s*) was very bad. Therefore it was absolutely delightful to work GSI. So two times we stopped the Tropo-operation cause of the heavy QRM from the breakers.

vy 75 and cuagn from Bo-square

ON7EH CK63f wk d :

Hrd RANDOM SSB:UR2EQ,OE3OBC,I2FHW,I4LCK,Y7NOV,I4BXN,GD6UQ/p,
I4CIL,SM2CKR merci pour les infos, cher Michel.
Peut-être on se trouve cette année à Weinheim?

DF10H EM574 wk4:

14.07, 0620-0700 F6FHF/p CE 27 27 0 0
 14.07, 0200-0400 UASMBJ SS 26 26 4 1 0 2s
 25.07, 0200-0310 F5DE AF 27 26 9 6 0 0 SSB
 26.07, 0200-0310 F5DE IG 36 26 21 31 0 0
 29.07, 0300-0425 YU2EZA OG 26 27 14 14 0 0
 0600-0632 F6OP OG 26 27 27 11 14 0
 30.07, 0000-0105 YU2KDE JF 27 27 11 14 0
 1.08, 0200-0300 H4YXZ? (YF) 27 27 11 14 0
 0300-0410 YU6APF MG 27 38 10 14 0
 0414-0450 YU6AZL MG 27 38 11 12 0 same QRG RANDOM
 0454-0558 YU6BQM MG 27 27 11 12 0 SSB
 0600-0630 OH1AA LU 27 26 3 11 0
 4.08, 2300-2330 ON5FP/CT1WA 26 26 3 3 NO Tape recorder died!
 9.08, 0211 YU3ZY HG 319/559 TROPO on "too after CQ-call"
 0222 YU3ZW IG 319/449 0
 0311-0330 YU1EU KE 27 27 5 0 0 SSB RANDOM
 0500-0530 ON5FP/CT1WA 27 26 2 3 NO 15s
 10.08, 1145-1230 HG2Y IG 26 38 1 1 NO
 2245-2330 YU1BH/1 JE 38 38 8 5 0 1s
 11.08, 0000-0100 H6VY JH 37 37 14 27 0 0 SSB
 0145-0255 YU2RQO HF 36 28 14 10 0 RANDOM
 2335-0000 UO50SF OG 37 26 26 2 1 0 SSB RANDOM
 12.08, 0000-0005 F1EHT/p BG 26 26 2 1 0 SSB, 7y long burst
 0045-0110 YU7XPB KF 37 37 7 3 0? QRG? UQ2...
 0400-0600 UBS1AK SJ 26 26 7 4 3 0 SSB
 0600-0615 H82YXN JH 26 26 7 4 3 0 SSB RANDOM
 0850 F1EHB OG 37 37 1 0 0 SSB RANDOM
 0900-0925 GWSDFP XN 26 26 3 3 0 SSB RANDOM
 13.08, 0110 UH2G MS 27 27 1 0 0 9s CW SSB RANDOM
 14.08, 0500-0535 SP6ARE/8 MK 27 27 8 21 0 6s
 20.08, 0000-0200 UK2RDX WT 26 27 18 22 0 4s

Hard on RANDOM or skewed:
 YU2RQK, -44VP, -2KDE, -33V, -2EZA, -11Q, 12RQ, 12CVC/7, 1W3G/8, 1V3AHX,
 UK2BAH, UBS1AF, UK2RDX, UBS5EP, RO50AA, RA3YOR, F1PJM, F1JG, F6OP, LA7WY,
 LZ1AB, G6UVC/p, HG4XY, SK2KM, SP2LU, G410D, OH5IK 9.08, 3 min burst
 =TROPO?

N1I:YU4AVW, LZ1KFG, SM3JGG (seri, I tx wrong period), U43QHS, UBS10H,
 UK3EDP, SA50W, UBS1FE, 12AE (seri, didn't hear alarm clock)

DX9DAK DL29f wk4:
 11.08, 1000-1020 RA3JUL AB 27 37 14 27 1 0 SSB
 2200-2300 H6KKNB JI 27 28 51 0
 12.08, 0400-0500 RA3TOR RN 26 26 10 NO
 13.08, 0245-0303 YU3CAB HG 27 -- 10 hrd SSB RANDOM
 0310-0312 YU1EY KE 37 -- 2 " "
 0320-0321 many stations are calling me in a 30 s burst,
 complete contact not sure
 0328-0330 YU1EU KE 37 37 2 C 5s SSB RANDOM
 2200-2300 G18YD WP 27 27 10 NC SSB no RRR
 14.08, 0000-0040 YU2IQ HE 26 38 43 C 15s tx fer info

OZ4VY EQ77a wk4:

23.06, 1400-1430 F1KEP BI 26 26 20p 12b C 4s SSB
 28.06, 2200-2400 I3YUQ GF 27 26 22 12 C 5s
 30.06, 0851-0912 EL1YDQ VL 27 26 26 29 9 C 40s SSB
 4.07, 0800-1000 F6BQO YI 27 27 35 36 C 5s
 11.07, 1400-1430 F1KEP YI 26 27 15 10 C 5s SSB
 0800-1000 F6DMQ/F6EC 28 27 68 68 C 13s
 9.07, 2200-2400 I4C1L GE 26 27 19 10 C 2s SSB
 13.07, 1400-1400 F1JG CD 26 26 28 15 C 20s SSB
 1400-1600 F6CVC/F6ED 27 27 13 45 C 7s
 15.07, 2100-2300 I4KGR CG 27 27 26 30 9 C 2s
 16.07, 2000-2200 F6BSJ AC 26 26 26 3 0 C 2s
 22.07, 2200-2400 F1EZE AC 26 26 26 3 0 C 2s
 24.07, 2200-2400 F1EZE AC 26 26 26 3 0 C 2s
 25.07, 0800-0930 OH7UE OG 26 27 17 28 C 4s
 27.07, 2100-2300 OH9X1 EG 37 26 57 24 C 8s
 28.07, 0200-0300 IV3HWE GF 27 26 7 24 C 8s
 29.07, 2200-2235 F1PJM AH 27 24 56 35 C 8s
 30.07, 2300-2345 YU2YQ HE 27 28 18 15 C 7s
 8.08, 2200-2300 IW3RSM FFP 26 26 27 36 31 C 4s
 2330-0030 G6XNY YI 27 26 16 20 C 2s SSB
 9.08, 2300-2400 YU3TUL HG 27 27 16 8 C 12s SSB
 11.08, 2300-2400 EL4D1 VO 26 27 14 5 0 C 12s SSB
 0092-0200 LA91C HB 27 27 14 5 0 C 12s SSB
 0192 F1EHT HB 27 27 14 5 0 C 12s SSB
 0192 F1EHT HB 27 27 14 5 0 C 12s SSB
 0192 F1EHT HB 27 27 14 5 0 C 12s SSB
 13.08, 0514-0524 H65A JH 39 38 5 6 C 10s
 0514-0524 YU3ES JH 39 38 5 6 C 10s
 0545 YU2EZA IG 39 38 1 0 C
 1126 F6FHP AB 39 37 15 6 C?
 1146 F6CER AC 27 27 15 6 C?
 1328 F1JG CD 37 37 1 0 C
 1331 G1AKSO YI 39 39 1 0 C
 1400-1500 I2AS FF 27 26 15 15 C 10s SSB
 2000-2100 F6EHY JD 38 27 2 15 C 25s
 2111 F1EHL CD 38 38 11 15 C 15s RANDOM SSB
 13.08, 0105-0150 UBS5EQ OH 38 38 11 15 C 15s RANDOM CW
 14.00-1600 SM2LIF KY 37 38 28 32 C 8s
 15.08, 2100-2300 I6WJH HO 27 26 39 37 C 3s

N1I:UO5QGY, G31NL, YU2RQ, RA3AGS (seri, not giv' because alarm-faulty),
 DP3CM

Remember to use 144,400 SSB and 144,145 CW alternative RANDOM!!

6KXBF and 71KXBF HI611:

23.06.	1324-1346	YU21Q	HE 26 27 C
	1411-1427	024VW	EQ 26 26 C
	1508	021EXI	EP 26 26 C
24.06.	1230-1256	130UQ	GF 26 26 C
	0400-0500	OH1AA	LU 26 26 NC
12.07.	0600-0640	YU2KDP	JR 26 26 NC
	0700-0750	DL7AFB/02ER	26 26 C
21.07.	0642-0692	HG8ET	KG 27 27 C
22.07.	0842-0902	SM5CNG	HS 26 26 C
24.07.	1130-1212	024VW	EQ 27 26 C
	0800-0900	SM5EAM	FR 26 26 NC
25.07.	1310-1405	SM3DOX	IV 26 26 C
1.08.	0800-1000	OH1AN	KU 26 26 C
2.06.	2000-2125	SM5DRV	HR 26 26 C
3.08.	2200-2400	SP2DFW	JV 26 27 C
	0055-0150	YU2RQ	36 28 C
4.08.	0034-0235	YU1EU	KE 28 38 C
	2225-0015	YU2KDE	JP 27 39 C
6.08.	0400-0600	16WJB	HC 26 36 C
7.08.	2000-2100	ON5FF/CT1VA	26 26 NC
	2200-2400	YU1AW	KE 26 37 C
8.08.	0135-0400	SP2IU	JN 26 27 C
	0800-1000	OH5LK	NU -- -- NC
9.08.	0800-0030	YU2ULM	GF 48 49 C
	0140-0210	YU2HW	HF 27 28 C
	0245-0325	YU2EZA	IG 27 28 C
10.08.	0100-0200	PA3BFW/LADR	27 37 NC
	0900-1100	SP3AOV	IL -- -- NC
	2100-2200	SM4FXR	HT 27 27 C
11.08.	0000-0200	UQ2CW	MG 37 -- NC
	0200-0400	0294V	GF 27 27 C
	0400-0500	DL7YW	GM 27 28 C
	0600-0800	SM5AQJ	JT 27 27 C
	0910-1000	SM3SHU	HX 38 26 C
	1000-1045	SP6FUN	IL 36 37 C
	1400-1500	SM4GOK	HT 26 37 C
	1600-1700	SP6GZ2	IL 27 27 C
	2100-2130	YU1HB/1	JJE 26 36 C
	2130-2200	022HB	EQ 26 27 C
	2200-2245	SM5NIX	HS 38 38 C
	2300-2332	YU3ZY	HG 38 25 C
	0020-0235	HC54	JH 28 27 C
12.08.	0020-0630	12CVC	HB 26 26 C
	0900-1000	OX3AX	IR 37 37 C
	1000-1005	SM1BSA	HS 36 36 C
	1022	SM2SK	HS 36 36 C
	1036	SM2F7	HS 36 36 C
	1059	SP3JGL	IV 36 38 C
	1105	SK6LM	IT 36 37 C
	1114	OH6UG	PS 39 C
	1115	0259F	PS 39 C
	1147	SM6AEK	PS 26 C
	1148	SM6EMI	47 27 C

see over

6KXBF/71KXBF continues:

12.08.	1153	SM3JLA	JY 57 57	C
	1159	LA7CC	56 56	C
	1216	DB6LL	PO 39 39	C
	1217	SM7JL	QQ 39 39	C
	1245	OH3YU	WO 52 47	C
	1304	GDCUQ	XU 47 27	C
	1314	LA3EQ	OS 27 27	C
		SM7WJ	GZ 59 59	C
		DF7RG	GI 28 26	C
13.08.		DK2NH/02	HO 59 57	C

NIL:DS60GF,UA3BDO,UK6LUD,YU2DI,YO4AUD,SP2HBX,OH3MS,OH3TH,HG4YT,
HG6KNS,LA3BQ,PA3BFW/LA,IV3SWF,OH2BHF,YU2RHO,IU2EZA,TU1EV
On 11th August we stopped transmissions MS for there was a strong
E.s.
Thx to the only CW-OP F6CWN
merci pour les infos

DC-Square:

In reverse: 1982 DC will be activated by F6FTN,F6LUD,F6OP,F6BSJ!
CW/SSB will both be on for MS as well as THRO on 144 + 432 Mhz.
For any details please write to 76FTN Bernard Iandrevot
15, rue des Hirondelles/7100 Meçon or any other member of the
group!

PE1DGF CT/22a wk4:

20.07.	2000-2200	C31MS	AC 26 26	1b	2p	NC	1s
12.08.	0730	F1JG	OD 27 38	m a n y	C	RANDOM	
	0810	OE30BC	II 27 37	m a n y	C	"	
14.08.	0600-0630	F1JH	OD 26 26	troop	finish		
	0630	F1FJH	OD	----		NC	

NIL:SP6CWN
For SSB THROD or MS skeks write to:
Aart Wedemeyer/laan v. Altena 19/2613 AG Delft//Phone:015-124725

thx fer info, Aart

LA8AK DS8db wk4:

08.10.	2210-2300	GW3NTY	XL 27 26	16b	C	1s
08.10.	2200-2300	F8OP	CG 27 26	5	33	C 1,5s
	2300-0017	F6BSJ	AF 37 26	12	22	C 6s
12.08.	2250-2320	YU7NMN	KP 37 26	mm1	C	10s
11.08.	0400-0600	YU2CGB	IF 26 26	8	27	C 9
13.08.	0900-0945	OX3JX	II 37 38			C 9 50s
	0200-0320	YU3ZY	HG 27 36	7	15	Disappeared

NIL:PA3JLL,UE5EPQ
Perseids more or less spoiled because many stations made short
calls and then ceased transmission without listening for answer.

thx fer info, Jan-Martin

7-06	1200-1300	ON5FECT1	WA	26	--	2	0,5s	100	4x9	1384km	NC	
	1400-1550	OE6WIC	HG	26	26	4	11 s	100	9	1730km	C	
	1400-1600	YU1EU	KE	26	26	21	2 s	100	4x9		NC	
	1550-1555	YU2EZA	IG	37	--	9	1 s	100	9		NC	
	1600-1800	EA3AIR	AB	26	--	1	1 s	100	4x9		NC	
	1630-1730	YU2EZA	IG	26	--	1	0,5s	100	9		NC	
	2200-2355	UN7UQ	GP	26	27	12	5 s	100	4x9	1437km	C	
6-08	0400-0445	UA3YW	MU	26	27	15	8 s	100	9	106km	C	
	0600-0650	SM3BIT	HX	26	26	7	4 s	100	9	792km	C	
	0700-0800	OE3PUM	II	26	--	7	1 s	100	9		NC	
	0710-0840	YU2EZA	IG	26	--	23	1 s	100	4x9		NC	
	1000-1035	3I3GP	GP	26	46	10	3 s	100	4x9	1420km	C	
	1000-1035	FEOP	CG	26	26	17	2 s	100	4x9	1276km	C	
	1245-1400	IX1GR	DJ	26	26	16	1 s	100	9		NC	
	1400-1520	OK1KXH	HJ	26	6	1	1 s	100	9		NC	
	1600-1730	DK2IM	EJ	26	26	17	1 s	100	9	925km	C	
	1615-1800	HG8CP	KC	26	26	10	1 s	100	4x9	1552km	C	
7-08	0400-0430	FI1PM	AH	26	--	7	2 s	100	4x9	1273km	C	
	0800-1000	SP6AD	HL	26	--	40	1 s	100	9		NC	
	1000-1145	HG1TA	TH	26	--	13	0,5s	100	4x9		NC	
	1000-1145	DE1SO	ET	26	26	15	7 s	100	9		NC	
	1200-1400	3I2BK	JM	26	--	19	1 s	100	9		NC	
	1200-1255	10WJB	HC	26	26	9	1 s	100	4x9	1799km	C	
	1400-1545	G3IMV	ZL	--	--	5	0,3s	100	9		NC	
	1400-1500	OK1DIG	HK	--	--	8	--	100	9		NC	
	1600-1700	YU3ZV	HG	100	--	--	--	100	4x9		NC	
	1600-1735	ON6UG	BL	26	26	5	13 28 s	100	9	798km	C	
8-08	1810-1935	YU2CDB	IG	26	--	1	4 s	100	4x9		NC	
	0200-0300	YU1AV	KE	26	--	1	1 s	100	4x9		NC	
	0200-0250	DL1MP	GH	26	26	15	50	4 s	100	9	1184km	C
	0400-0500	SM6GX	JT	26	--	26	--	100	9		NC	
	0600-0800	SM4AQ	HU	26	37	26	46	17 s	100	4x9		NC
	1000-1100	SM2BYC	MZ	26	26	37	60	18 s	100	4x9	1248km	C
	0900-0945	1W3QC	GG	26	--	1	0,5s	100	4x9		NC	
	1105-1200	DF7KG	GI	26	26	4	7	4 s	100	4x9	1161km	C
	1200-1250	GM3WXY	XL	26	26	4	15	4 s	100	4x9		NC
	1400-1510	FE6OB	YI	26	27	21	54	4 s	100	4x9	1232km	C
	1400-1520	ON5QM	DL	26	26	25	26	1 s	100	9	795km	C
	1600-1720	EL3YCA/P	WN	26	--	--	--	100	4x9		NC	
	1800-1900	ON7RB	BL	26	26	1	0,5s	100	9		NC	
	1800-1845	G4ITE	AL	26	--	4	1 s	100	4x9		NC	
	1905-2000	G1AKSO	WO	26	--	4	5	1 s	100	9	978km	C
9-08	2200-2310	DK8YS	DJ	26	26	27	30	15 s	100	9	952km	C
	0000-2315	GM4BAI	YL	26	26	10	24	2 s	100	4x9	978km	C
	0000-0120	DL8CP	DJ	26	26	52	26	12 s	100	9		NC
	0000-0210	OE3PUM	II	26	26	42	72	2 s	100	4x9	1262km	C
	0200-0310	PDJMA	CM	--	--	--	--	100	4x9		NC	
	0400-0450	GV8VS	JN	--	--	--	--	100	9		NC	
	1000-1200	G3POI	AL	26	--	2	2 s	100	9		NC	
	1000-1100	UN2EZA	EJ	26	26	3	20	1 s	100	4x9		NC
	1200-1330	UR2BQ	NT	26	26	10	21	4 s	100	4x9		NC
	1200-1400	G4TJ	ZL	26	27	6	11	3 s	100	9	837km	C
	1400-1915	ON6CY	PR1BX, UA3ISO, ON5SA, DF6KA and PA6BWL	26	27	12	15	2 s	100	9	747km	C
	2200-2245	DK5AI	FL	26	--	1	0,5s	100	4x9		NC	
	2200-2300	EA3ADM	JB	26	--	1	0,5s	100	4x9		NC	

Dutch VHF-JX-Expedition during perseids 1961

During perseids 1961 four Dutch radioamateurs were gvy from DR66n. We made a lot of QSOs via TROPO, Aurora and finally MS. The QPs were Helno, PA2HRK, Eric PA2REH, John PA2AB and Frank PA2BFW. We were using two 144 MHz stations at 100 W output, our two antennas were a single 9 ele and a 4x9 ele group. According to others we had to realize, too, that the generator was the weakest point. Therefore we took 2 1kW-generators with us.

One of our reasons for the trip was to get more sheds for our home QTHs in CW; we can assure if someone tells us how awful it is to him to work CW. We can't guarantee a shed with our next expedition to BW or RA6 perhaps next year.

9th of August we had to cancel several sheds because of rain, sorry but there was no other choice. Moreover, quite a lot of stations could be heard via TROPO but they only heard us via MS. Our results:

335 TROPO-QSOs ODX FOWMG Ed 1007 km

73 complete MS-QSOs

103 PA, 97 OZ, 65 DL, 58 SM, 5 Y, 4 LW, 1 CN, 1 OK, 1 F (only TROPO)

Thanks to all the hams that helped us to make the expedition possible; we really hope to meet again on VHF-net or 144 MHz.

for the whole crew:

Eric, PA2REH

YU6NGS JCA7E wkd:

11.06	2144-2240	DL8LE	EK	26	36	3	5	C	4s		
	0800-0235	DJ5EV	DK	36	38	3	4	C	5s		
12.06	0600-0830	DL4EA	EJ	26	26	3	5	C	4s		
	1215-1300	DF6NA	EJ	26	26	3	4	C	3s		
	1400-1500	OZ1EKI	EP	26	--	3	2	NC			
	1700-1800	ON6UG	BL	37	--	3	4	NC	30s		
	1900-2055	PA3BDA	CM	27	27	2	5	C	3s		
	2200-2240	DK1WB	FM	27	27	12	34	C			

tux fer info, Vesselin

YU3ARK HG73A :

12.06	1800-2000	PA2HRK/LA	DR	36	27	C?	52s				
	2100-2200	LA7RK	RU	37	27	NC	8s				

tux fer info

DF6OB FM44C wkd:

11.12	0600-0650	PA3YCR	RN	26	27	24	35	C			
	0900-0200	YU2ASD	HF	26	--	1	16	NC			
12.12	0200-0200	DK2HDX	MT	26	--	7	15	C			
12.12	0400-0425	LA7K	FX	27	27	9	31	C			
15.12	0400-0450	IS6FDJ	EZ	26	27	7	13	C			
3.01	0100-0155	LA4PI	GE	26	26	SSB	C				
	0400-0545	IZ4FW	EE	26	26	SSB	C				
	1100-1140	LA1VF	EE	27	26	8	18	C			
	1500-1517	FI6GHU	ED	27	27	SSB	C				

tux fer info, Mathias

92-08

[illegible]

13-03

0600-0605	F6DWG	BJ	529	559	-	via tropo	100	4x9	1003km	C
0600-0645	YU6NGS	JC	--	--	-	-	100	4x9	-	N
0800-0845	EA3LL	BB	--	--	-	-	100	4x9	-	N
0900-1000	IW3QBC	GG	26	26	6	2 3 s	100	9	1387km	C
1000-1135	OK1IDK	GK	26	26	5 19	10 s	100	9	920km	C
1000-1115	G3ILD	AC	26	--	-	2 1 s	100	4x9	-	C
1200-1325	G3VYF	AL	26	26	6 8	8 s	100	9	827km	C
1400-1450	OA3TCF	WQ	sri not grv problems with antenna							
1400-1450	G4DSC	ZO	--	--	-	-	100	9	-	N
1600-1700	UQ2GFZ	NK	--	--	-	-	100	9	-	N
1800-1900	OH6NU	AW	--	--	-	-	100	9	-	N

+++++
tnx fer info, Eric

UO5CGF OG19b wk d:

10.08.	0800-1000	YO2IS	KF	27	27	5p	4b	NC	
	1600-1800	OH2BBF	LT	26	26	5	31	NC	
	2000-2200	SM7BAE	GP	36	26	25	61	C	5s
	2200-2300	OH3MF	MU	26	--	1	1	NC	
11.08.	0400-0600	OZ9QV	GP	--	--	1	5	NC	
	0800-1000	UA9CKW	CR	26	--	3	4	NC	
	1630-1800	SM5DRV	HR	26	36	5	8	C	
	2200-2227	IW3QBC	GG	26	26		4	C	SSB 3s
	2230-2245	PA6OOM	CM	27	26		6	C	SSB RANDOM
	2348-2359	DF10H	EM	27	36		7	C	" "
12.08.	0000-0100	UR2GZ	MS	26	27		5	C	SSB 5s
	0200-0400	LX1GR	DJ	--	--	1		NC	
	0530-0600	DF5DL	EL	26	26	7	4	C	
	0800-1000	OZ1EKI	EP	26	--	3	5	NC	
	1600-1800	G3POI	AL	26	--	1	2	NC	
	1829-1916	OZ1EYX	GQ	37	57		7	C	SSB RANDOM
	1943-2100	OZ9QV	GP	27	27		4	NC	SSB RANDOM
13.08.	0000-0200	UP2BJB	LP	--	--		1	NC	
	0400-0600	SM5CNQ	HS	38	36	6	30	C	
	0600-0800	DJ5MS	GI	26	26	13	28	C	
	0800-1000	OH3YW	MU	27	38	7	8	C	
	1000-1100	OZ1EKI	EP	27	26	7	15	C	
14.08.	0000-0200	PA6RDY	CM	26	26	6	24	C	
	0700-0800	OH6JN	JU	26	26	7	7	C	
	0800-1000	OH2BBF	LT	26	36	9	12	C	

Hrd RANDOM SSB:YU2TTL,OE3QBC,IW3QBC tnx fer info

OE3XUA (HH10b) 144 MHz:

12.8.81.	0200 - 0325ut	SK 2 KW (KY65e)	26	26	7b	7p	C
	1110	DL 0 SP/p (D0) Tropo-Q80 (geht schneller,hi.)					
	1245 - 1330	PA2REH/LA (DR06h)	27	37	6b	15p	C
21.8.81	1100 -1300	UO5CGF (OG19b)	26	26	3b	3p	C
30.8.81	0500 - 0700	F 6EQQ (YI13d)	26	26	11b	35p	C
31.8.81.	0500 - 0650	GW3NYY (XL40b)	26	27	6b	18p	C
	0700 - 0850	PA6OOM (DN)	27	26	9b	20p	C (hrd also tropo)
	432 MHz: 12.8. 0800 - 1100	GM4ISA/p	-	-	-	-	N

PE1BTX CN79f wkd:

17.07.	0800-0900	F1JG	CD 26 26	12b	27p	C	12s
20.07.	0300-0500	C31NL	AC 26 --	2o	6	NC	6s
12.08.	0050	YU3CA	hrd	15s	RANDOM SSB		
	0055	I1BEP	"	35s	"	"	
	0805	OK3KCM	"	20s	"	"	
	0900	IS6KCF	"	35s	"	"	
	0901	HG1YY	"	9s	"	"	
	0945	YU1EW	"	a lot of good bursts			
	1037	I2AE	37 37	1		C	
		UO5OGF		12s			

Hope to be on during perseids 1982 for more time, was a lot qrt because of QRL.

HOPE THAT STATIONS BREAK MORE OFTEN SO WE CAN MAKE MORE QSOS
I ONE BURST ONLY?! Heard a lot of good bursts.

tnx fer info, dr Gerard

OE5XDL HI31a wkd in cw (Op. OESH7M)

20.10.81	0400-0535	GM4COK	YP	26 37	10b	30p	C	8sec
7.11.81	0600-0645	G8VR	AL	26 26	4	11	C	2sec
	0700-0815	PA0OOM	DN	37 27	4	2o	C	10sec
10.11.81	2000-2145	G4IJJ	ZL	26 26	4	9	C	1sec
19.11.81	0200-0340	UQ2GFZ	NR	26 26	5	27	C	5sec
	0400-0500	UA3LAW	PO	26 26	6	51	C	3sec
12.12.81	0800-0955	SK2KW	KY	26 28	7	2o	C	2sec
	2000-2200	UR2RGM	MT	26 26	12	19	C	4sec
	2200-2310	UB5JIW	RF	26 26	7	12	C	4sec
13.12.81	0000-0135	SM6EAN	FR	27 26	1o	26	C	3sec
	0200-0245	RA3YCR	RN	37 28	7	44	C	6sec
	0600-0640	LA6HL	CS	27 26	5	6	C	3sec
	1900-1955	LA5IH	CU	36 28	7	4	C	6sec
	2000-2200	UA3RFS	UM	38 26	5	8	C	6sec
	2200-2220	UB5EFQ	QH	27 27	25	mni	C	20sec
14.12.81	0000-0200	UK3MAV	TS	27 26	6	8	NC	15sec

OE5XPL (HI42f):

10.8.81	1400 - 1530ut	G4DSC	(ZD)	26 26	8b	25p	C	13sec
	2200 - 2335	G4HAO	(YN)	26 26	11b	20p	C	
11.8.81	1948 - 2038	SM3FGL	(IV)	37 38	5b		C	8sec SSB Random
12.8.81	0200 - 0230	LA3EQ	(CS)	26 26	8b	13p	C	26sec
	2252 - 2319	SM6EOC	(GQ)	37 27	6b		C	SSB Random
13.8.81	0200 - 0330	SM3JAW	(JX)	26 26	10b	22p	C	

OE5XDL (HI31a): ops: OE5JZL, OESHZM.

3.8.81	2000 - 2200	SM6CMU	(FR)	26 26			C	
8.8.	2000 - 2200	F6FOE	(YI)	37 26			C	
	2200 - 2330	LA7KK	(FU)	26 26			C	
9.8.	0500 - 0600	F6ARQ	(ZF)	47 -			NC	SSB
11.8.	0200 - 0300	OH3AWH	(LV)	37 27			C	
	0400 - 0450	UA3LBO	(QO)	26 26			C	
	0600 - 0720	SM7GWU	(HS)	26 26			C	
	0800 - 0915	SM1BSA	(JR)	26 38			C	
14.8.	1800 2000	G4GZA	(ZN)	26 26			C	
		OZ2ZA	(EQ)	27 27			NC	SSB

PE1BTX/HB6 EH68c wkd:

26.07.	0200-0400	PA6KDV	DN	26	--	4b	6p	NC	2s
	0400-0600	PA2VST	CM	26	--	1		NC	
	0600-0800	PA3BBI	CM	26	27	7	12	NC	3s
	2300-0100	PA2VST	CM	26	--	4	1	NC	4s
27.07.	0100-0300	PA6WWM	CM	26	--	4	4	NC	5s
	0300-0500	PA2REH	CM	26	--	7	2	NC	7s
	0500-0700	PA3BBA	CM	26	--	3	4	NC	1s
	2000-2200	SM7BAE	GQ	26	26	33	28	NC	no RRR
	2200-2400	OZ1EYX	GQ	26	26	15	17	NC	no RRR
28.07.	0100-0300	PA2GER	CL	26	--	3	4	NC	1s
	0500-0700	PA3AES	CM	26	--	1	4	NC	
	0300-0500	PA2HKR	CM	26	--	12	6	NC	6s
	1800-2000	OZ1EYX	GQ	26	--	4	2	NC	2s
	2200-2400	PA2VST	CM	26	26	15	10	C	6s
29.07.	0200-0400	OH3YW	MU	26	--	2	5	NC	
	0000-0200	CH5LK	NU	26	--	1	2	NC	2s
	0400-0600	PA3BIY	CM	28	--	3	4	NC	3s

NIL:I3TJQ,PA3BBA,PA2REH

I'm very sorry that only one QSO resulted C.Until now I don't know what worked wrong, every thing was OK:250 W and good antennas. But most of our partners went qrt after some periods cause they didn't hear anything.

I hope to be in HB6 again next year, with better results.

tnx fer info, dr Gerard

OE3PUW (II72J) WKD MS:

9.8.81	0000-0200	PA3ABA/LA	DR	26	26	21B	33P	C	1 SEC
10.8.81	1000-1040	PA000M	DN	NIL					
	1200-1250	SM6CMU	FR	26	27	7B	4P	C?	
	1400-1430	LA80W	EU	NIL					
11.8.81	0400-0540	SM7GWU	HS	27	27	16B	33P	C	2 SEC
	0800-0838	F1JG	CD	26	26	3B	3P	C	5 SEC/
	0900-0945	PA000M	DN	27		2B	8P	NC	2 SEC
	1000-1120	SM0FSK/3	GY	NIL					
	1200-1230	PA000M	DN	NIL					
	1235-1350	OH0JN	KU	27	27	6B	10P	C	3SEC
12.8.81	0000-0140	LZ1CD	MC	27	26	7B	6P	C	15 SEC
13.8.81	1200-1225	DL0SP/P	DO	NIL					
15.8.81	0000-0115	GW3NYY		NIL					
HRD/CLD	RANDOM:	RA3YCR, UK2BAB,	UB5EFG, UB5JIW.						
29.8.81	0500-0700	OZ1EKI.	EP	26	26			C	
12.12.81	0000-0045	GW4LX0	YL	NIL					
	0200-0235	RA3AGS	SP	NIL					
	0400-0530	RB5LKW	SJ	27	27	25B	25P	C	8 SEC
	0600-0800	UA3RFS	UM	27	26	7B	10P	C	35 SEC
	0800-0852	UR2EQ	NT	27	26	6B	4P	C	3 SEC
13.12.81	0200-0400	UW3GU	TP	38	27	32B	27P	C	6 SEC
	0400-0500	UK2RDX	MT	27	27	14B	8P	C	3 SEC
	0500-0635	DF5HC	FN	28	26	50B	30P	C	3 SEC
HRD/CLD	RANDOM:	UB5JIN, SM7FJE, PA3BBI, LA3Q, UR2RGM, OH5LK, SP9EWU							
		UA3UBD, UK2RDX, SM4FXR, DK3UZ, UK5EDT, U050GX, UB5MGW.							

WKD MS BY PA2REH FROM CM54H

Date	Time	Call	QTH	Sent	Recv	Burst	Pings	Time	Remarks
11-06	0200-0400	UQ2GFZ	NR	sri	not	qr	v troubles	with PA	
	0400-0500	F1JG	CD	idem					
13-06	1400-1535	YU1AWW	KE	26	36	9b	1p	1,5sec	C
14-06	0400-0600	RA3YCR	RN	26	--	2b	4p	1sec	NC
	0600-0800	SK4BX	HT	--	--	-	-		NIL
20-06	0600-0800	PA2HKR/HB	EG	--	--	-	-		NIL
	1430-1600	UQ2GFZ	NR	26	--	3b	2p	2sec	NC
21-06	0700-0900	UQ2GFZ	NR	26	26	4b	4p	2sec	NC
27-06	0400-0515	DL1MF	GH	26	26	20b	18p	2sec	C
	0600-0800	OK3AU	KI	26	27	10b	10p	2sec	NC
	0800-0845	SM3BIU	HX	26	26	mni	mni	6sec	C
28-06	0400-0600	YO5AVN3	NE	--	--	-	-		NIL
	0600-0800	EA3LL	AB	26	26	11b	10p	1sec	C
	1800-2000	OE5EFM	HI	26	26	8b	3p	2sec	C ??
30-06	0300-0500	OK1DPB	HK	26	27	14b	15p	1sec	NC
02-07	0300-0500	OH3YW	MU	26	26	24b	17p	12sec	C
03-07	0600-0700	F1JG	CD	26	26	12b	17p	2sec	C
	0700-0900	YU2AAY	LF	--	--	-	-		NIL
12-07	0000-0100	OH3YW/5	PV	27	--	7b	4p	0,5sec	NC
	0400-0600	RA3YCR	RN	--	--	-	-		NIL
	0600-0800	GW5CAQ/P	XM	27	--	10b	11p	1sec	NC
	0800-1000	hrd random GW5CAQ/P, I5MZY, YU3ES.							
	1000-1100	IW3QBC	GG	26	--	2b	4p	1sec	NC
14-07	0300-0405	SMØIME	JT	26	26	31b	20p	3sec	C
	0500-0700	YU3ZV	HG	26	--	1b	2p	0,5sec	NC
19-07	0500-0600	CT1WW	WB	--	--	-	-		NIL
22-07	0300-0500	SM2ILF	KY	26	27??	?	?		NC
	2000-2200	YU4AVW	JE	26	27??	11b	-	0,5sec	NC
25-07	0500-0700	HG6KNB	JI	--	--	-	-		NIL
	0700-0810	OH2BBF	IT	27	26	mni	mni	8sec	C S9+
26-07	0500-0700	OH5LK	NU	27	--	8b	5p	0,5sec	NC
	0700-0900	OK3AU	KI	26	27	25b	17p	1,5sec	C
	0300-0500	PE1BTX/HBØ	EH	--	--	-	-		NIL
	1800-2000	YU4AVW	JE	26	--	2b	1p	0,5sec	NC

HG1YA/IH63b/ worked via MS

11.12.	1800-2000	DJ8PB	DL	26	-	2b	1p	NC
13.12	0600-0800	RA3AGS	SP	26	27	4b	2p	C
14.12.	0800-1000	PA2REH	CM	36	37	5b	6p	C
	1800-1920	F6DKQ	DH	26	26	7b	5p	C
	1920-2000	F6BSJ	CG	27	27	4b	6p	C
	2000-2110	UA1ASA	PU	26	37	6b	2p	C
	2200-2300	UP2BJB	LP	26	26	10b	11p	C

NIL9 UA3DHC, UA3TBM, UA3UBD, OH6NU, PA3AUC, UA3TCF, UO5OGF,
GM4IPK

Hrd on random: UW3GU, RA3YCR, SM7AED, PA2GER ...

03.01.	0400-0430	LA7KK	FU	26	27	6b	11p	C
	0600-0800	OH6NU	MW	26	27	5b	9p	C
	0800-1000	EI2CA	WM	26	26	3b	12p	C
	1200-1310	UQ2GLO	KQ	26	27	7b	mn1	C
	1400-1500	UW3GU	TP	27	29	4b	6p	C
	1800-1840	UB5ICR	SH	26	27	5b	5p	C

NIL: UA3RFS, UA3DHC, UA3QHS, UO5OGF, UA6YAF, EA7AGO

Hrd on random SSB: SM7BAE, F1FHI, GM3ZSS, ...

vy 73! *Gabi*

Info: Unsere team HG1W ist QRV mit EME, RIG: Ft277ZD +mixer und
PA 1.5KW out, antenna 8x10 el - nicht elevated, skeds via
HG1YA in EME net!

DL9DAK DL29f wkd:

9.11.	2200-2400	I1NVF	EE	27	26	100	C
12.12.	0400-0600	SK5BN	IS	26	26	63	C
13.12.	0000-0040	UA3LAW	PO	27	27	122	C
	2300-2400	YU3TTL	HG	26	27	27	NC no RR

tnx fer info,
Peter

UR2GZ (MS04b) wkd MS:

21.04.81	0700-0820	OE6WIG	HG	26	26	10	14	C	
2.05.	0035-0155	PA0HIP	CL	26	26	12	7	C	5 sec
3.05.	0000-0200	OK1DPB	HK	26	2?	10	5	NC	
5.05.	0200-0300	PA0RDY	CM	27	26	17	17	C	4 sec
	0200-0330								
6.05.	DL8GP	DL8GP	DJ	27	27	13	5	C	3 sec
6.06	0600-0800	OK1IDK	GJ	27	27	8	7	C	12 sec
xx 6.06.	0200-0400	025EFM	HI	27	2?	2		NC	2 sec
7.06	0400-0600	DL3ZAL/p	EK	26	37	23	27	C	4 sec
	0900-1100	UL5LIQ	RJ	27	26	16	9	NC	3 sec
8.06.	0300-0430	SP6ASD	HL	27	37	5	16	C	3 sec
	0500-0600	G4CDC	ZN	26	-	3	6	NC	
	0600-0800	G8VR	AL	26	-	1	4	NC	
9.06.	0500-0700	GJ3YHU	YJ	26	26	1	-	NC	1 sec
	0700-0900	YO2IS	KF	26	-	2	1	NC	
12.06.	0400-0445	DL1MF	GH	27	26	25	20	C	7 sec
13.06.	0300-0410	PA3FEA	CM	47	26	23	9	C	53 sec!
	0700-0900	YO2IS	KF	27	27	11	8	C	
14.06.	0400-0600	G8VR	AL	27	-	2		NC	
	0600-0800	G4ERG	ZN	26	-	1	1	NC	
16.06	0400-0600	G8VR	AL	26	26	14	6	C	2 sec
27.06	0400-0600	UL5LIQ	RJ	26	27	5	2	C	
	0600-0800	G4CDC	ZN	26	26	8	3	C	
12.07.	0400-0600	YU1ADN	KD	26	-	1	1	NC	
19.07.	2000-2200	YU3ZV	HG	27	26	8	3	C	
25.07.	0400-0515	OE9XXI	EG EG	27	27	4	5	C	7 sec
26.07.	0300-0430	OE5KE	HI	27	26	8	5	C	
28.07.	0700-0900	OK2BFH	JJ	37	27	2		NC	9 sec
6.08.	2200-2400	PA3AQM	CL	26	27	25	21	C	

UR2GZ contd.

7.08.	2000-2200	UE5JIN	RE	26	26	15	11	C	4 sec
9.08.	0600-0800	DF5DE	EK	26	-	2	4	NC	
	1200-1400	GD6UQ/p	XO	27	27	42	28	C	8 sec
10.08.	1200-1400	G8VHB	ZN	26	-	2		NC	
	2000-2200	UL5ICR	SH	26	-	1		NC	
11.08.	1000-1200	OK2LDFH	JJ	26	-	1		NC	
	1200-1300	G8VHL	ZN	27	-	3	6	NC	SSB
	2200-2300	UK6LDZ	TH	27	36	14	10	C	22 sec
12.08.	0000-0100	U05CGF	OG	27	26	3	5	C	SSB
	0200-0300	YU2CCL	IF	27	26	4	7	C	15 sec
	0840-0900	DK8SG	EI	37	37	10		C	10 sec
	1000-1045	G4MJS	ZM	27	37	8	4	C	13 sec
	1045-1110	DF1CH	EM	43	37	13	6	C	30 sec, R
	1200-1310	LX1GR	DJ	26	27	9	5	C	27 sec
	2200-2300	IW3QEC	GG	37	-	3	7	NC	10+6 sec
13.08.	0200-0400	OL6LAE/p	IJ	36	26	3	3	NC	18 sec
	0900-1000	Y22UL/p	HO	27	27	15		C?	
	1000-1100	IW3QEC	GG	26	-	2	3	NC	20 sec

NIL during Perseids: YU7LCX UA9LAQ RL5JAX HB9MPL F1FNL UB5LIQ
OZ1CFO

HAD RANDOM: DK7OL UC5CGF UA3TLM UK5EDT RB5LGG DL9DAK SK7OL
OZ9FW UA3OG UW6MA RL5LKW SK7JD LX1DE DD2KF DJ3IK
UA9PAD OK1DPL YU2LZA YU2RTU YU3ZV PAORDY DK2ZT

17.10.31	0400-0600	OK1LDK	HJ	27	-	3	3	NC	
18.10.	0000-0200	JP6JUN	IL	26	-	2	2	NC	
21.10.	2200-2400	UK5ILC	TI	27	27	1	-	NC	
7.11.	0500-0620	LJ8PL	DL	26	27	10	20	C	5 sec
	0700-0900	Y06AFP	AG	26	27	12	4	NC	No Ark
11.11.	0400-0600	LV3HWT	GF	27	-	10	-	NC	10 sec
12.11.	0400-0600	F6LSJ	GG	26	26	3	3	C	2 sec
15.11.	0400-0600	OK1LDK	HJ	26	27	5	5	C	4 sec
17.11.	0300-0500	UK5ILC	TI	26	26	1	-	NC	
3.12.	0300-0500	OK1AFN	IK	26	-	2	1	NC	

11.12.	2105-2135	OK3KFF	IL	28	28	10	15	C	Random, 5 s
12.12.	0200-0400	YU7QLD	KF	26	27	17	11	NC	
	0500-0700	UK5LHC	FI	27	-	5	5	NC	
	2200-2400	RL5LKW	SJ	26	26	10	5	C	
13.12.	0200-0300	Y06APP	NG	26	37	4	6	C	2 sec
	0510-0535	DL4EA	DL	27	27			NC	Random
	2200-2300	IW3QLC	GG	27	-	5	7	NC	SSL 2 s
14.12.	2100-2300	UL5GLY	QG	37	-	3	-	NC	7 sec
22.12.	2100-2300	OK1AFN	IK	26	-	3	-	NC	
3.01.82	0000-0200	OL6IAL	IJ	26	-	4	1	NC	
	0200-0400	UK5LHC	TI	27	-	8	4	NC	
	0600-0700	PA2GHR	CL	27	-	2	1	NC	SSL
	0900-1000	F6GGF	LI	26	-	-	3	NC	SSL
	1000-1100	OK3AU	KI	37	26	41	15	C	17 sec
	1100-1200	IW3QLC	GG	27	-	4	12	NC	SSL
	1500-1600	F6POE	YI	27	26	29	6	C	7 sec

NIL: UA6YAF IV3HWT G4IJE SP6MUN SP9AI UL5WN I3TJQ LF7RG
OK1AFN

HRD during Gemirids: F6GJE G4GJR C1FI, M2EZA, OH7UE, DL7TY
G4RUG DL5JR DL4EA

HRD during Quadrantids: UC5OGX UA3RFS UL5LFQ I60UT/4 G3VZF PA6KLV
F6KOP F6LVT F6LWG G4IRG G4DEZ K050AM
UL5ICR SM2BYC UL5GLY RL5JTW RL5IRF PA2VST
PA2DWH

OK3AU /KI27h/ wkd via MS: GEMI'84

73! *Joan*

11.12.82	2200-2300	GJ8KNV	YJ	NIL				N	
12.12.	0000-0200	UB5GBY	QG	NIL	/UB5GBY	was not	QRV/		
13.12.	0000-0200	G3BW	YO	NIL				N	
	0200-0330	LA8AK	DS	27	26	23b	36p	C	max 3 s
	0900-1000	DL5JR	DL	26	27	21b	19p	C	14 s
	1800-2000	LA1K	FX	26	-	9b	17p	NC	
	2055-2140	UK3MAV	TS	38	38	21b	37p	C	13 s
	2200-2230	GJ8KNV	YJ	NIL				N	
	2230-2300	UA3DHC	TQ	38	38	37b	nni	C	12 s
14.12.	0300-0400	GM4COK	YP	NIL				N	

YU7BCX and YU7NWN (YU7EW) vis MS from KF24f:

29.12.81	23.00-01.00	DL5JR	DL	26	27	12b	18p	C
31.12.81	00.00-02.00	DK2PH	EL	26	26	7b	41p	NC
	04.00-06.00	UO5OGX	OH	26	26	3b	11p	NC
02.01.82	18.00-20.00	UB5EFQ	QH	26	26	5b	9p	C
	20.00-22.00	UA3QIN	TL	26	26	8b	15p	C?
	22.00-24.00	DF5IZ	EJ	26	26	7b	14p	C
03.01.82	00.00-01.00	OZ1FTU	GP	27	27	4b	20p	C
	02.00-04.00	UA6YAF	TE	—	—	—	2p	NC
	04.00-06.00	DL7AN	GM	—	—	—	—	NIL
	06.00-08.00	OH2BWL	MU	26	—	1b	4p	NC
	08.00-10.00	DL6DAE	EL	—	—	—	—	NIL
	10.00-12.00	ILKTC	EF	27	27	5b	15p	NC
	12.00-12.45	ILKTC	EF	27	27	12b	26p	C
	12.45-13.45	ILKTC	EF	27	27	7b	12p	C
	14.00-16.00	OZ1DOQ	GP	27	37	6b	4p	C
	18.00-20.00	OH5IY	NU	27	27	6b	7p	C
	20.00-22.00	LA5IH	GU	—	—	—	—	NIL
	21.30-22.15	UA1MC	PU	27	37	8b	5p	C Rand.
04.01.82	06.00-08.00	UA3RFS	UM	—	—	—	—	NIL
06.01.82	11.00-12.00	UB5EFS	RI	26	38	6b	11p	C
08.01.82	08.00-10.00	DF5HC	FN	26	—	1b	3p	NC
	23.55-00.45	PA0HLS	CM	27	28	14b	27p	C? Rand
10.01.82	00.00-02.00	DL6DAE	EL	26	26	19b	26p	C
	04.00-06.00	UA6YAF	TE	—	—	—	—	NIL
	23.00-01.00	PA3BBV	CM	26	—	2b	15p	NC

OK3AU /KI27h/ wkd via MS: QUA 82

3. 1.82	0800-0905	UQ2GFZ	NR	26	26	9b	7p	C	9 sec
	1000-1050	UR2GZ	MS	26	37	26b	23p	C	15 sec
	1100-1200	UA3PBY	SN	26	26	12b	13p	C	2 sec
	1400-1500	UB5EFQ	QH	27	26	16b	15p	C	7 sec
	1500-1530	RA3RAS	UM	26	26	23b	26p	C	ssb 14 sec
	1600-1800	UA4CDT	YL	NIL				N	
	2000-2100	G3BW	YO	vy	QRM	NIL		N	
	2100-2200	I4BXN	FE	NIL				N	
4. 1.	0030-0100	UK5EDT	RI	38	37	22b	mmi	C	10 sec r
	0100-0140	UK6LDZ	TH	39	38	22b	mmi	C	15 sec r
	0200-0400	LALK	FX	NIL					

On "random" channel hrd mni stns except: R050AA 39, UB5ICR 47, etc.

73 de Andy

OWSAY
[Signature]

YU2KDE JF23g via MS

12.07.81.	04-06	FA2GER	CL	37	36	7b	5p	8sec	C
25.07.81.	05-07	FA3AES	CM	26	27	5b	5p	6sec	C
26.07.81.	02-04	G8VR	AL	26	26	7b	7p	3sec	C
	04-06	DF2HC	FN	26	26	12b	19p	2	C
28.07.81.	06-08	F6BSJ	CG	26	26	6b	16p	2	C
	20-22	F6CER	BI	25	27	mni	mni	5	C
	22-23	OZ1EYX	GQ	26	26	18b	9p	5	C
	23-24	OZ1FDH	GP	26	27	7b	5p	2	C
29.07.81.	00-02	DL1MF	GH	27	26	24b	28p	2	C
	02-04	Y22AG	FM	37	26	16b	15p	3	C
	04-05	SM7AED	GQ	37	28	mni	mni	8	C rand.
	06-08	G4IJJ	ZL	27	26	10b	8p	3	C
	20-22	PA3AGN	CL	27	26	3b	1p	4	C
30.07.81.	00-02	DF1OH	EM	27	27	16b	14p	2	C
	02-04	SK7JD	IR	27	26	11b	4p	5	C
	22-24	DL7YW	GM	27	28	7b	7p	2	C
06.08.81.	23-24	F6KBF	BI	39	27	15b	20p	6	C rand.
07.08.81.	01-02	DF5JT	DL	37	28	mni	mni	6	C rand.
	20-21	DK3FW	EM	26	26	5b	2p	2	C
	23-24	PA0HIP	CL	27	47	3b	2p	7	C
08.08.81.	06-08	F8OP	CG	27	26	7b	11p	2	C
09.08.81.	07-09	F6FOE	YI	26	27	7b	13p	2	C
10.08.81.	04-06	OZ2GZ	FP	47	38	7b	10p	34	C
	21-22	PA0JTA	CL	27	26	3b	9p	4	C ssb
	22-24	G4CDC	ZN	37	26	7b	15p	8	C
11.08.81.	01-02	F6CJG	AE	27	27	random	ssb		C
	02-04	OZ1CSI	HP	27	27	6b	11p	3	C ssb
	06-07	F1EIT	BG	27	27	6b	15p	2	C
	07-08	UR2EQ	BT	27	27	9b	11p	4	C
	12-14	PA2REH/LA	DR	27	26	3b	3p	4	C
	22-23	F1EZE	CG	27	27	8b	9p	3	C ssb
12.08.81.	00-01	Gw4Nyy	XL	27	26	7b	11p	4	C ssb
	04-06	DL3ZAL	EK	27	26	16b	15p	2	C
	10-12	LX1GR	DJ	27	26	5b	8p	4	C
	12-13	OZ2ZB	EQ	26	26	3b	13p	13	C ssb
	16-18	GB5LIQ	SK	26	27	4b	7p	14	C
	20-22	PA2GFI	DM	37	26	6b	4p	8	C
	22-24	Y22HA	GO	27	37	4b	7p	25	C ssb

NIL 111 NC u skedovima: SM3COL, i1BEP, DF5HC, C31NL, UA3TCF, SM4LNV, LA2PT, SM6EAN, DL7AFB, Y23FG, SP6ASD, PA0THT, SM6CMU, SP6FUN, F1FLN, SM3BIU, EA5CW, G4HAO, SP8AOV, DF5DE, G4DHF, GJ4JJA, UA1ZOL, C31LD, PA2VST/LX, DL9DAK, PE1DCY, G8VLQ?, G4AWU, PA0JKE/LX.

UA3TCF WQ14a wkld:

73. Božo

13.09.	0300-0400	SP9AI	JJ	27	--	2b	6p	NC
	0400-0600	SM6EAN	FR	26	--	2	4	NC
31.10.	2000-2200	UA2FAY	KO	--	--	1		NC
14.11.	1900-2100	UA2FAY	KO	27	37	4	7	C

NIL:SM6EAN,OZ1EYX

tnx fer info

SM6EAN (FR30j) complete QSOs:

27.06	POBCQ	YI	26	27	3.5s	10.10	G4GZA	ZN	26	26	1.5s
28.06	DF5IX	EJ	27	26	1s	22.11	G4IJJ	ZL	26	27	2s
	DF8GF	DJ	27	27	5s	10.12	UB5EFS	RI	26	28	7s
	UB5EFO	OH	26	26	2s		UA1ZCL	RC	27	27	3s
25.07	UA3UEB	UO	26	27	1.5s		SM2BYA	KB	26	26	1s
	G4IGC	YL	26	26	5s	11.12	SP9EVU	JK	26	27	5s
	OE9XXI	EG	27	27	11s	12.12	G3VCH	YN	26	27	2s
27.07	IW3CWF	GF	26	27	1.5s	13.12	OE5XDL	HI	26	27	3s
07.08	YU2AAY	IF	27	26	1s		OK3KFF		26	26	5s/RANDOM
	YU2EZA	IG	26	26	8s		DK3IK		28	27	4s/RANDOM
04.08	G3BW	YC	27	26	1s						
	I0VJB	HC	26	38	2s						
06.08	R1FJH	AH	26	26	2s						
	OE3PUX	IL	26	27	10s						
	CN6UG	BL	27	27	1.5s						
08.08	F8OP	CG	28	27	32s						
10.08	CK2SGV	IJ	36	37	20s						
11.08	UA3PEY	EN	26	26	17s						
	ILKTC/4EE		26	27	4s						
12.08	F6PDR	EJ	26	37	10s						
13.08	H01YA	IR	27	27	2s						
13.09	G8VR	AL	27	26	9s						
27.09	G63NYY	XI	26	26	1s						
	G4DEZ	AL	26	26	.5s						
	G4MDZ	AL	26	26	.5s						

The highlight of 1981, was to work G3VYF on the 18AVT HF groundplane and get 27 in report. This was the 9th of June !
Over all comment: Most guys work too damn fast on random. Not many QDX are made at 15001pm!!! Suggest 600-8001pm!

DF6AS wk'd via RS:

11.7.	0700-0740	OH 3	YH/5	IW	27	27	13b	9p
3.8.	1900-2010	UK 3	NRQ	GR	27	26	4b	7p
10.8.	2000-2200	UR 5	LIQ	RJ	27	27	7b	3p
11.8.	2200-2400	UR 5	LIQ	SV	27	27	5b	3p
12.12.	2300-2330	EA 1	QJ	VD	27	26	34b	39p 20sec
13.12.	2000-2025	HA 1	FC	PU	37	38	33b	21p 14sec
	2100-2113	GI 8	VDE	VT	27	37	12b	3p 8sec s
	2300-0100	UT 5	BF	OK	26	26	21b	5p 18sec
14.12.	0130-0200	UR 5	GBY	QG	27	27	random	
	0200-0300	UR 5	MGV		27	26	random	C?
	1940-2120	YU 1	OG	EC	27	27	random	

DG1BP DN37h wk'd:

13.12.	0600-0637	EA1TH	YC	27	26	3b	26p	C 4,5s
3.01.	0800-1000	OH5NW	NU	46	--	16	59	NC 26s

disappeared

All others NIL

144.200 was overcrowded, so I changed to 144.400 but there was a low activity (unfortunately, many QSOs could have been completed here with less QRM, (DF2ZC)).

tnx fer info, Arend

PA2REH CM54h wk4:

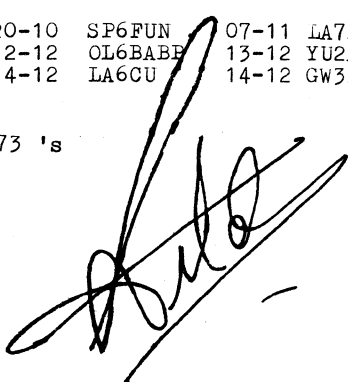
DATE	TIME	CALL	PINGS	BURSTS	KSrec	KSsent	MAX BURST	
11-10	0800-1000	GW3NYY	XL	4p 2b	- -	26	0,5 sec.	NC
17-10	0700-0810	OHQJN	KU	12 9		26 27	1,5 sec.	C
18-10	0600-0740	SM1BSA	JR	16 21	26	26	8 sec.	C
24-10	0700-0900	OH3TH	LV	3 5	26	26	1 sec.	C
01-11	0720-0840	GW3NYY	XL	1 -	-	26	0,3 sec.	NC
07-11	0900-1100	YU2DI	JF	4 6	-	27	1 sec.	NC
08-11	0600-0800	I1NVF	EE	sri mni	static	rain S9++		-
22-11	0800-0920	LA7KK	FU	17 22	26	26	1 sec.	C
29-11	0700-0800	LA5IH	CU	2 -	-	-		NC
06-12	0600-0755	SP8AOV	LL	23 22	27	26	4 sec.	C
12-12	0600-0642	SM2CKR	KX	6 19	27	27	0,5 sec.	C
12-12	0700-0830	LA6CU	CU	3 1	-	27	0,5 sec.	NC
12-12	0900-1000	OH4UC	NV	7 14	-	27	3 sec.	NC
13-12	0300-0420	YU2EZA	IG	11 25	26	27	1,5 sec.	C
13-12	0500-0600	OE5XDL	HI	2 2	-	26	0,5 sec.	NC
13-12	0700-0820	SP6FUN	IL	14 8	37	26	6 sec.	C
13-12	0930-1105	SK2KW	KY	10 5	38	27	2 sec.	NC
14-12	0000-0100	RA3YCR	RN	2 1	-	27	2 sec.	NC
14-12	0600-0635	SP6GZZ	IL	1 -	-	-		NC
14-12	0730-0800	YU3ES	GF	mni mni	37	37	12 sec.	C
14-12	0800-0830	HG1YA	IH	10 15	36	37	24 sec.	C
14-12	0925-1000	IN3TZL	FG	2 4	-	26	0,5 sec.	NC
15-12	0200-0400	UB5EQF	QH	Sri, at 0207 my final tube exploded				
15-12	0400-0600	LA3UU	FV	so I had to repair the damage and to replace a new one.				
15-12	0605-0745	SK2KW	KY	21 10	27	26	2 sec.	C

I've heard:

- 13-12 0454 YU6NGS, 0632 I1ANP, 0643 YU2RSD and IV3HWT, 0652 YU3TTL. (all CW 144.+ 100)
- 14-12 0103 I1ANP, 0303 SP8AOV, 0321 I4BXN, 0443 YU7NWN, 0451 HG8ET, 0453 DF9ZT, 0633 OK3N??, 0636 SM7AED, 0721 YU3ES (burst over 30 sec).
- 15-12 1911 YU2AAY, 2033 OK3KFF, 2003 OE6WIG, 2012 RO5O??,

Will were : 20-10 SP6FUN 07-11 LA7KK, 11-12 SM3JAW,
 12-12 OL6BABE 13-12 YU2AAY, 14-12 UK3MAV,
 14-12 LA6CU 14-12 GW3NYY,

73 's



G-15556 ZN13g hrd via MS:

11.08.

0044	YU3ES	GF	26	.1	0549	I4BXN	FE	48	.2
0108	PA2HKR/LA	DR	26	sked	0553	GJ4ICD	YJ	28	.2
0631	UA3LBO	QO	26	sked	0607	DK1KO	FN	27	.2
0654	F6CJG	BF	38	.2	0630	HG8ET	KG	26	.2
0725	LX1DB	DJ	26	.1	0642	F6FHP	AE	37	.2
0730	I1BEP	DE	28	.2	0645	F1FHI	ZH	26	.2
0732	EA3ADW	BB	28	.2	0712	YU1EV	KE	27	.2
	DF3RU	FJ	29	.2	0931	Y22ME	HM	46	.2
0944	OE3OBC	II	38	.2	0940	I8VE		36	.2
0952	OK2BFH	JJ	37	.2	1006	SM7IXU	GP	27	.2
1031	OK3TBY	II	37	.1	1030	F1ADE		26	.2
1042	YU2EZA	IG	27	.2	1032	HG1KYY	IH	36	.2
1103	YU7NOU	JE	37	.2	1037	YU3ES	GF	26	.2
1113	OK2KZR	IJ	26	sked	1046	OK2BFH	JJ	26	.2
1206	HG1KYY	IH	37	.2	1050	IW5AVM	FC	37	.2
1208	UR2GZ	MS	26	sked	1052	DC7OH	GM	27	.2
1247	SP6GZZ	IL	26	sked	1054	I1JTD	DF	38	.2
1249	F6KAW	BI	38	.2	1056	HB9PUY	EF	36	.2
1258	YU1EU	KE	36	.2	1102	I4CIL	GE	27	.2
1310	YU2IQ	HE	26	.2	1112	F6KBF	BI	38	.2
2135	Y21PL/p	HO	27	.2		OZ5QF	EP	36	.2
2200	Y25TL	HK	27	.2	1121	YU2RGO	HF	36	.2
2208	OE3OBC	II	28	.2	1132	YU3ZV	HG	27	.2
2228	YU3CAB	HG	26	.2	1138	OK2LG	JJ	26	.2
2254	I4CIL	GE	29	.2	1146	I4BXN	FE	26	.2
	OK3TJK	II	37	.1	1214	LX1DB	DJ	37	.2
2317	DL4EA	DL	38	.1	1230	OK3RMW	JI	26	.2
2324	OE5XDL	HI	37	.2	1342	OE3OBC	II	37	.2
2326	IV3HWT	GF	36	.2		OK2BFH	JJ	37	.2
2328	YU3ZV	HG	26	.2	1456	DF6NA	EJ	37	.2
2336	HG4YF	JH	26	.2	2034	HG5A	JH	38	.2
2350	YU2RGO	HF	26	.2	2153	HG6KVB	KH	27	.2
2357	DL1MF	GH	38	.1	2246	YU7PXB	KF	37	.2

12.08.

0006	OZ1ELF	EP	38	.2	2329	YU1EU	KE	37	.2
0007	HG1YA	IH	36	.2	2330	YU1EV	KE	26	.2
	YU2CMS	IG	26	.2	2347	OE5KE	HI	27	.2
0052	DF3RU	FJ	26	.2	2358	YU3CAB	HG	37	.2
0100	IW3QEF	GF	27	.2	0001	I1KTC/4	EE	38	.2
0118	SM4IVE	HT	27	.2	0017	YU4VIP	JD	38	.2
	F1JG	CD	36	.2	0020	OK1DPB	HJ	37	.2
0134	I4KTC	EE	37	.2	0101	YU3ZV	HG	27	.1
0144	I2CEG		26	.2	1844	OE5XDL	HI	26	sked
0234	YU2CCB	IF	26	.2	1318	SK7JD	IR	26	sked
					1342	DK3FW	EM	26	sked
					2323	YU3ES	GF	27	sked

tnx fer info

YU3ULM GF69j: 27.09. 0800-1000 G4IJE/p AK 26 27 3b 2p C 2s

DL7QY FJ 13.12. 2000-2035 OH2BBF LT 26 26 C

tnx fer info

E_S INFORMATION

1981 Part 2

by

EA3LL
PAØXMA
DK2ZF**EA1TH en YC48b**

31.05.1981

16,22 IT9DQZ 59 - 59 - GY73e
16,30 IT90FZ 57 - 55 - HX36j
16,42 IT9AF 59 - 59 - HX36f
16,44 IW9AGX 59 - 59 - GY67c
16,46 IT9AUA 59 - 59 - HX36e
16,49 IW9AFI 52 - 52 - HX36b
16,54 IW9ALA 59 - 59 - GY77b

16,54 IT9JUD 59 - 59 - GY73e
16,57 IW9AIG 59 - 59 - GY67d
17,08 IT9RIS 59 - 59 - GX33
17,22 9H1BT 53 - 51 - HV12b
17,28 9H1CG 59 - 59 - HVØ3e
17,45 9H1GK 59 - 59 - HV13h

EA3XU en BB41d

16,20 SV1DH 59 - 59 - LY79e
16,23 SV1AB 59 - 59 - LY79d
16,25 SV1DC 59 - 59 - LY79ee
16,26 SV1JZ 56 - 58 - LY79a

16,28 SV1DS 55 - 55 - LY
16,31 SV1OE 59 - 55 - LX
16,44 IT9DQZ 57 - 56 - GY73e

EA3AIR en BB41e

16,29 SV1DH 59 - 59 - LY79e
16,30 SV1AB 59 - 59 - LY79d
16,32 SV1DS 53 - 53 - LY
16,34 SV1JZ 55 - 55 - LY79a

16,50 IT9DQZ 56 - 56 - GY73e
17,32 9H1CG 59 - 59 - HVØ3e
17,33 9H1GK 59 - 59 - HV13h

EA3LL en AB56b

16,13 SV1DH 59 - 59 - LY79e
16,15 SV1DC 59 - 59 - LY79e
16,16 SV1DS 55 - 55 - LY
16,20 SV1AB 59 - 58 - LY79d
16,23 SV1JZ 59 - 59 - LY79a
16,30 SV1OE 55 - 53 - LX
16,53 IW9AGX 55 - 59 - GY67c
17,02 IT90FZ 55 - 56 - HX36j
17,04 IW9ALA 59 - 56 - GY77b

17,04 IW9AFB 59 - 59 - HX13e
17,07 IW9AFI 55 - 57 - HX36b
17,09 IT9AF 59 - 59 - HX36f
17,10 IW9AIG 95 - 59 - GY67d
17,14 IT9DQZ 59 - 59 - GY73e
17,19 9H1BT 55 - 52 - HV12b
17,28 9H1GK 51 - 52 - HV13h
18,14 SV1OE hrd 59
18,15 SV1DH hrd 59

EA5AMR en ZZ47a

16,40 IW7AGM 59 - 59 - IA47h

EA3RU en AB77h

16,24	SVLDR	56 - 55 - LX79e	17,13	IT9AF	51 - 53 - HX36f
16,24	SVLDC	53 - 55 - LX79e	17,16	IT9AFB	52 - 56 - HX
16,32	SVLDC	57 - 55 - LX79a	17,56	YU2R60	51 - 52 - HP28c EST
16,35	SVLDB	52 - 52 - LX79d	18,16	YU2DG	51 - 51 - JP34j
17,01	SHLBF	59 - 59 - HVL2b	18,36	YU7MNB	51 - 53 - KP24f
17,05	ITWALG	59 - 59 - GX67d	18,36	YU7PXB	51 - 52 - KP01c
17,06	ITWAGX	56 - 56 - GX67c	18,53	YU6KDE	51 - 52 - JP23g
17,09	IT9ANVA	59 - 59 - HX36e			"

EA1GR en XD32d

17,14	ITWALG	hnd with EA3
17,16	IT90FZ	- HX36j
17,30	SHLBF	- HVL2b
17,40	SHLCK	- HVL3h

Dia 1 de Junio de 1981 QSOs via Reportada

EA3UL en AB56b

09,21 SVLXY 519 Hrd.

Dia 2 de Junio de 1981 QSOs via Reportada

EA3XU en HB41d

16,49	YU1BX	59 - 59 - KE13	16,57	YU9VEN	59 - 59 - 4 ⁹
16,56	YU7MNB	59 - 55 - KP24f	17,00	LZ2KBI	55 - 55 - LD05a
16,57	YU2IS	59 - 99 - KP17e			

EA3UL en AB56b

17,20	YU1BX	hnd 59	17,25	YU70GQ	59 - 59 - KP42d
17,22	YU10RQ	59 - 59 - KE13e	17,25	YU7QDM	59 - 59 - KP
17,23	YU2IS	59 - 59 - KP17e	17,27	YU7QBG	59 - 59 - KP
17,24	YU1LAW	55 - 55 - KB	17,28	SVLXY	59 - 59 - LX09c
17,24	YU7MNB	59 - 59 - KP24f	17,29	YU7ACO	51 - 54 -

Dia 6 de Junio de 1981 QSOs via Reportada

EA1FA en VD58b

17,58	I2XOI	59 - 59 - EP38b	19,21	OE61 ⁹	59 - 59 - CE74
18,03	YU3HMA	59 - 59 - EP66j	19,23	780P	59 - 59 - CE36b
18,05	YU3FTS	59 - 59 - GP99j	19,23	HB9AHN	59 - 59 - HE47d
18,09	YU3BZ/3	59 - 59 - HG61j	19,24	DL5LH	57 - 57 - HG51b
19,20	HB9PHJ	59 - 59 - HE47b	19,24	YU3HMA2	59 - 59 - EP66j
19,21	HB9LH	59 - 58 - HE57a	19,25	DL5MAH	65 - 58 - TIG0b

EA7PZ en YX06c

17,58	DE6TAE	52 - 51 - 4 ⁹	19,20	PA2VST	53 - 53 - CIG2j
19,12	PA2DMH	55 - 55 - CE72c	19,28	G80YV	59 - 59 - AM06c
19,19	PA3ALX	58 - 53 - CIG2j	19,31	G4GKE	59 - 59 - AM76c

EA7AZN en YX12f

19,24	G8SAX	59 - 59 - AL32g	19,28	G4RAT	54 - 59 - AL23g
19,27	G5AIR	52 - 51 - AL42c	19,29	G6BDG	52 - 52 - AL23g

EA7AJR en YX12f

19,29	G8SAX	59-59- AL32g
19,30	G5AIR	59-59 - AL42c

Dia 8 de Junio de 1981 QSOs via Reportada

EA3UL en AB56b

17,51	I2PPH	53 - 52 - PF16j
-------	-------	-----------------

Dia 9 de Junho de 1981 QSOs via Reportagem

Dia 10 de Junho de 1981 QSOs via Reportagem 5

BALTR en YC48b

13,50 PA3ACN 59 - 59 - GU68f

13,54 O21KRI 58 - 58 - RF49h

BA3AIR en BA4le

15,48 LZ2EP 59 - 59 - LU66e
15,53 SV1AB 57 - 57 - IX
15,54 SV4LD 59 - 59 - LZ11a
15,56 SV1LY 55 - 55 - LX69e

15,58 SV1JZ 55 - 55 - LY79a
16,00 SV1OE 59 - 59 - LX10a
17,01 I7OHF 59 - 59 - IA47a

EA3AIR en BA4le

14,53 LZ2KRI 59 - 59 - LU65a
14,56 Y05AVN3 599- 599- NE
14,58 LZ2EP 599- 599- OD51d
15,01 LZ2KSQ 59 - 59 - MD37a

Dia 17 de Junho de 1981 QSOs via Reportagem

EA3JLT en AB56b

15,21 SV2JLT 55 - 55 - IA26e
15,43 SV1DH 59 - 53 - LX69a
15,44 SV1JZ 59 - 59 - LY78a
15,44 SV4LD 59 - 59 - LZ11a
15,50 YU5CEK 59 - 59 - KB58c

15,55 SV1OE 59 - 59 - LX10a
15,56 SV1AB 59 - 59 - LY79d
16,34 YU6NGS 59 - 59 - JC47f
17,03 I7OHF 59 - 59 - IA47h

EA3JLU en BA4ld

17,26 LZ2KRI 59 - 59 - LU65a

EA3RU en AB77h

15,29 LZ1KXK 51 - 59 - LU64h
15,34 LZ1IG 52 - 59 - LU64h

BA5AKI en Z239j

? YU2EKT 55 - 55 - ID33f
? YU1RU 55 - 55 - KE13h

? I7OHF 55 - 55 - IA47h

EA3JLT en AB56b

15,01 LZ1KXK 59 - 59 - JC47f
15,05 YU6NGS 59 - 59 - JC47f
15,14 YU5CEK 599-599- KB58c
15,16 YU1RU 59 - 59 - KE13h
15,17 YU1OHK 56 - 55 - KE35e
15,18 YU1NGT 56 - 55 - JR
15,19 LZ2EP 59 - 59 - LU65a
15,20 LZ2JU 599- 599- MD44e
15,26 YU66AS 599- 599- JC47f
15,29 YU6CEP 59 - 59 - ?
15,51 YU1RU 59 - 59 - KE13h
15,54 YU1OAM 52 - 56 - KE13j
15,57 YU1MS 56 - 55
16,01 LZ2KRI 59 - 59 - LU65a
16,04 LZ2VR 59 - 55 - LU65a
16,06 Y05AVW/3 bnd 599 NE
16,30 YU1NGQ 599- 599- JF86f
16,42 YU1EN 55 - 55
16,52 YU2KDE 52 - 55 - JF23g

EA7PZ en LX66c

16,35 YU2EKT 59 - 59 - ID33f
16,37 YU2EWA 53 - 53 - I
16,43 YU1IRD 59 - 59 - JF37f
16,45 YU4PMN 55 - 54 - JF34j
16,48 YU5XLT 53 - 54 -
16,56 YU1IN 58 - 55 - JF34f
16,57 YU1NDL 53 - 54 - JR
17,00 YU1RU 59 - 59 - KS22g

17,02 I1CV 55 - 55
17,21 YU1RU 59 - 59 - KE13h
17,22 YU1RU 59 - 59 - KE32g
17,22 YU1NO 59 - 59 - JF37f
17,23 YU1ADP 59 - 59 - KE34j
17,33 YU1AW 55 - 55 - KE13c
17,34 YU1AGT 53 - 57 - KE13f
17,35 YU4VTL 55 - 57 - KE34j

BA5AMR en Z247a

14,58 YU6NGS 59 - JC47 YU1NSK - KE49a YU1KO - KE13g
14,59 YU1AW KE13j LZ2EP - LU65a YU1BPg - KE16b
15,00 YU1OEK KE35e LZ2KRI YU1NHZ KE24f
YU1OD YU1ADN YU1OHY YU1NHZ KE13j
YU1NDL JR LZ1AB YU1RU YU1AHT KE13e
YU1OE KE13h YU5CEK KE58c YU1GM KE32g
YU1OR KE13e YU5CEK KE35c YU1OAM KE35c YU1GEM KE42d
YU1OR KE35e YU1MS YU1OAM KE36b YU1BOG KE e
YU1OR KE13d YU1EM KE34j YU1QED KE e
YU1OR KE16b YU4AVW YU1QAG KE32g YU1NDR KE
YU1OR KE36b YU1QAG KE32g YU1NDR KE17e

BA3ABZ en BB21d

15,45 SV1OE 55 - 55 - LX10a
15,50 SV1JZ 55 - 55 - LY79a

BA6U en BZ55a

15,54 YU7DL 579- 579- LB
16,33 LZ2VR 579- 599- LU65
16,38 LZ1KRI 579- 599- ?
16,53 YU5KE 599- 599- ?

Dia 27 de Junio de 1981 QSOs via Reporte de

BA3XU en BB41d

13,40 SVJDE 59 - 59 - IXØ9a
 13,43 SVJØE 59 - 59 - IXLØ9a

BA3JL en AB56b

13,45 SVJØE 59 - 59 - IXLØ9a
 13,50 SVJDE 59 - 53 - IXØ9a

Dia 28 de Junio de 1981 QSOs via Reporte de

BA9PJ en YV56e

16,29 YU2ETU 55 - 58 - HDYØa
 16,32 IWØALF 55 - 59 - GB12d
 16,35 IWØAMP 52 - 52 - GC34g
 16,40 IØSTY 55 - 58 - GC51j
 16,42 IØGØT 53 - 52 - GBØ3a
 16,45 IØDØE 52 - 52 - GD48d
 16,50 YU2NDV 59 - 54 - H 59
 16,55 ØH1GD 59 - 57 - HWØ3e
 16,58 IØMMI 56 - 53 - GC51j
 16,59 IØGØE 55 - 56 - PD6Ød
 17,03 IØFØE 55 - 59 - GC21f
 17,05 IØGJØ 55 - 55 - PG15f
 17,07 IØØØV 55 - 57 - GC54e
 17,08 IØMMI 55 - 57 - GC51j
 17,10 IWØAKA 58 - 52 - GB22b
 17,20 IØDØT 58 - 58 - GC57b
 17,30 IØTOR 53 - 58 - HC53h
 17,31 IØAVM 55 - 55 - GC41j
 17,35 IØGJØ 55 - 55 - HC42g
 17,37 IØSTY 56 - 52 - GBØ3f
 17,39 IØØØT 52 - 55 - GBØ3e
 17,40 IW5AKK 55 - 55 - PD67e
 17,42 IØBØN 59 - 55 - PR38c
 17,45 IØQUN 52 - 52 - GC34g
 17,46 IØDØP 59 - 59 - GB3Øf
 17,47 IØØØC 58 - 58 - GB13j

BATØE en YX12f

17,10 IØØØP 57 - 59 - IØA7h
 17,14 IØVU 52 - 54 - IØA7h
 17,27 IØØØI 55 - 57 - IØAØe

BAØØE en YØ34j

19,29 ØWØØØR 55 - 55 - XI
 19,30 ØØØØØ 59 - 59 - YL38f
 19,31 ØØØØØ 55 - 59 - YL34d
 19,33 ØWØØØI 57 - 59 - YL25f
 19,36 ØØØØØ 57 - 59 - ZØ12c
 19,39 ØØØØØI 55 - 59 - YL16h
 19,40 ØØØØØ 55 - 55 - YØØ5a
 19,41 ØØØØØ 57 - 58 - YØ33g
 19,51 ØØØØØ 55 - 55 - WØØØa

BA7AJN en XØ63c

19,50 ØWØØØI 52 - YL25f
 20,04 ØØØØØ 54 - YØ33g

BAØØE en YØ71j

16,22 ØØØØØ 59 - WØØØa
 16,23 ØØØØØ 57 - WØØØg
 16,24 ØØØØØ 57 - WØØØf
 16,25 ØØØØØ 57 - YL34
 16,27 ØØØØØ 57 - YØØØd
 16,29 ØØØØØ 59 - ZØ12c
 16,30 ØØØØØ 59 - WØØØb
 16,30 ØØØØØ 59 - XØ32a
 16,32 ØØØØØ 59 - WØØØe
 16,33 ØØØØØ 59 - YLØØg
 16,44 ØØØØØ 59 - ZØ34d
 16,35 ØØØØØ 59 - YL26g
 16,35 ØØØØØ 59 - WØØØd
 16,41 ØØØØØ 59 - YL19e
 16,43 ØØØØØ 59 - YØØØg
 16,44 ØØØØØ 59 - ZØØ3h
 16,45 ØØØØØ 59 - ZØØ3d
 16,46 ØØØØØ 59 - YØØØe
 16,47 ØØØØØ 59 - ZØØØd
 16,59 ØØØØØ 59 - XØØØe
 17,07 ØØØØØ 59 - XØØØb
 17,19 ØØØØØ 59 - XØØØb

BA3XU en BB41d

15,59 ØØØØØ 55 - 55 - YLØØa
 16,22 ØØØØØ 59 - 55 - YLØØa
 16,38 ØØØØØ 55 - 55 - X
 16,42 ØØØØØ 59 - 56 - WØØØc
 16,52 ØØØØØ 54 - 54 - WØØØg
 17,21 ØØØØØ 59 - 59 - YLØØa

BA3ØR en BB41e

15,45 ØØØØØ 59 - YØØØb
 15,54 ØØØØØ 59 - 79j
 15,57 ØØØØØ 59 - YØØØe
 16,42 ØØØØØ 55 - WØØØc
 16,50 ØØØØØ 59 - WØØØg
 16,56 ØØØØØ 55 - ?
 17,01 ØØØØØ 55 - WØØØe

BAØØØ en YØØØh

19,25 ØØØØØ 59 - YØØØd
 19,26 ØØØØØ 59 - ØØØØf
 16,38 ØØØØØ 56 - ?

BA5ØN en ZYØØj

BA3UL en AB56b

15,06	GB8TUJ	59 - 59	IN59c	16,28	GW3MTY	59 - 59	IL40b
15,08	G15MRS	59 - 59	WO36c	16,30	G68RT/p	59 - 59	IK
15,24	G68JXJ	59 - 57	Y027J	16,32	G18Y02	59 - 59	WP67b
15,26	GB8YUJ	59 - 59	Y066a	16,32	G14DC0	59 - 59	WP67b
15,27	GBJHL	59 - 59	Y039c	16,33	G14K50	59 - 59	WO20b
15,29	KI6AS	55 - 59	WN59c	16,35	KI9BQ	59 - 55	WN55c
15,38	GB1HS	59 - 59	ZN34c	16,37	KI6UL	59 - 59	WN56c
15,39	GB8YUJ	59 - 59	ZN24J	16,38	GB4JLE	59 - 59	YQ37c
15,40	GB8YUJ	59 - 59	ZN35d	16,40	KI2V0X	59 - 59	VN55c
15,42	GB8B0X	59 - 59	YD19c	16,41	G34TV	59 - 59	Y020b
15,44	GB8B0X	59 - 59	ZN37c	16,42	G4KTX	59 - 59	YR59c
15,45	GB8YUJ	59 - 59	ZN37c	16,43	G4KTX	59 - 59	YR59c
15,54	G4DSC	59 - 59	Z063h	16,46	GB4G01	59 - 53	Y062d
15,59	G60G8	59 - 59	Z012c	16,48	G8PTQ	59 - 53	YK03
16,00	G8PHI	59 - 59	Z035c	16,49	GW3MTY	59 - 59	YK03
16,03	KI3YDE	59 - 59	YI42a	17,02	G18B0J	59 - 59	WO57b
16,04	GB8B0X	59 - 59	YD19c	17,03	G14K1A	59 - 59	X021J
16,12	GB8B0X	59 - 59	YI26c	17,04	G14GVS	59 - 59	X021b
16,15	KI2CA	59 - 59	WN10a	17,05	G14H0N	55 - 53	WO49f
16,16	GB8YUJ	59 - 59	YK46b	17,06	G18XQ0	59 - 59	WO49c
16,17	GB8YUJ	59 - 55	YK56b	17,08	KI7EH	59 - 59	WN59c
16,18	GB4JTE	59 - 59	X	17,15	GB8YUJ	59 - 59	WN59c
16,20	G2DUP	59 - 59	IK35d	17,18	G18HXY	59 - 56	WP78J
16,21	G13ZEL	59 - 59	WO17J	19,03	G3BW	59 hrd.	VM43d
16,22	G14K1A	59-55	WO21b	19,09	KI9BJ	59 - 59	WN10a
16,23	GB3UJ	59 - 55	Y070f	19,12	KI2CA	59 - 59	WN10a
16,25	G4J0X	59 - 59	YK49c	19,11	to 19,55	KI3YDE	5944

BA5AKI en Z239J

?	GW4EAI	YI25f	GB8YUJ	YI	GB3YTB	YK06J
	G12KFB	WO33c	G4KMH	ZP29c	G3YUJ	Y055J
	GW6JMN	YI	KI6AS	WN29c	G12J0	
	GB8YUJ	YI34d	GB8YUJ	Y065a	KI2CA	WN25J
	G85PC	Y033c	G3BW	Y033c		

BA1AD en Y062a

16,06	DF5JT	55 - 59	16,20	DK1KO	56 - 59	16,45	PR1GR	55 - 59
16,10	PA3JOM	55 - 59	16,21	PA6GIS	54 - 59	16,48	PA3BBA	55 - 59
16,16	PE1DZP	55 - 59	16,26	DC2BE	57 - 59	16,30	OW7HP	59 - 59
16,18	PA6JNV	57 - 59	16,32	PE1BMD	59 - 59			
16,19	PE1GXU	59 - 59	16,33	PE1BWF	59 - 53			

BA104 ctna:

OK5GT	DL	Y43MK	GL	DJ4UP	DK
DF5JT	DL	DL9GS	DL	DJ9DU	DL
DF80B	EM	PA6TIA	DM	P2ad	DK
Y23MK		DP3XU	FM	DP2d	EL
I7BH		PA6RHH	GL	DP2d	EL
DJ8PB	DJ	DB9JC	DL	ON7HP	GL
DF1VH		DL5JR	DL	DF7DP	DL
DC9DX	FM	DB6DC	DL		

BA5CW en ZYL0b

15,30	EX3VDE	59	-	VLA2a
16,19	GI3SGX	53	-	XO32a

deede ZY0ge

19,20	GI4KSO/GW	59-XL26G	19,25	EL2CA	59	-	WM10a		
19,25	GI8IXO	53	-	WO19h	19,35	GI8HXX	59	-	WP78j

BA1UK en X032j

16,25	DK3UZ	51	-	EN20c	16,37	PA2HJM	53	-	DM63b
16,26	PE1EDP	59	-	CM70c	16,38	PA6TA	53	-	DM63b
16,27	DF5JT	59	+	DL35G	16,39	PE1EDU	55	-	CM75G
16,29	DF2JQ	59	-	DL44h	16,40	PE1EDU	52	-	DM5 ?
16,30	DF1ET	54	-	DL44h	16,41	PE6FAB	51	-	DM63b
16,31	OZ1DPR	53	-	EP24e	16,42	OZ3WU	41	-	?
16,32	PA3BDP	52	-	CM78d	16,43	DB1BP	55	-	DN30b
16,33	PA3AMP	59	-	CM44b	16,44	OZ1OP	54	-	EQ78b
16,34	PE6GP	53	-	?	16,45	PA6JTA	59	-	CL37b
16,35	ON1ZL	31	-	?	16,47	PA6WVZ	54	-	CL37b
16,35	DP6HT	53	-	FM31G	17,00	GM4NTZ	51	-	XQ46d
16,36	ON1DQ	59	-	BL73b	17,01	GM4Y1Z	55	-	OZ10T ?
16,36	OZ1KKT	54	-	EP48h	17,02	GM8WER	41	-	YS44j
16,37	ON7EH	51	-	CM03f					

BA7CPW en WX60b

?	GBRSB	53	-	ZM04f
	GI4GVS	53	-	XO21b

BA1FA/7 en W166e

14ED	-	PE47b	GI3INV	-	ZL07h
GBYBN	-	ZM4f	GM8VHI	-	YL32f
GA1TF	-	ZM22j	EL3VDE	-	VLA2a
GA7EL	-	ZM25a			

BA1CR en X032d

13,47	SW7RLE	13,47	OZ9FW	-	GP
14,06	DC0ZP	14,06	PA3BIT	-	CM72c
14,08	OK1MBZ	14,08	PA3MFP	-	CM44b
15,53	DL7AGG	15,53	PE1PTX	-	CM
15,53	DK5AJ	15,53	DL9BAS/p	-	
16,17	PE1PJP	16,17	PA6HSM	-	
16,23	PE1CQQ	16,23	ON7EH	-	CM03f
16,24	PA3BKM	16,24	ON50G	-	
16,25	DK1QH	16,25	OZ1ELF	-	
16,26	DL7PE	16,26	DK2ER	-	EN
16,26	DD1DM	16,26	DL0VW	-	
16,27	PE1AAP	16,27	DB6DC	-	FM21e
16,27	PA6SIR	16,28	DC62Z	-	EM
16,28	DL2QC	16,30	PE1OH	-	CM02e
16,30	DF7DC	16,30	PA2GER	-	
16,30	DP8KV	16,30	PA6KT	-	
16,31	DL3BAG	16,37	OZ1DPR	-	EP54e
16,31	DC9BAI	16,38	OZ1HW	-	EP5 a
16,32	PA6RDY	16,39	PA6KEW	-	
16,33	DP5DL	16,39	PA2RHH	-	
16,33	DF7VX	16,39	PA2VST	-	

EA5MR en Z248G

15,14	GI3PQ	58	-	58	-	ZN53h	16,29	GM8JIX	59	-	59	-	YL34d
15,16	GB3VB	57	-	56	-	ZN44j	16,30	GA4FK	52	-	55		
15,19	GB3VR	57	-	57	-	ZM44j	16,34	GM4AP	59	-	58	-	YM50d
15,23	GB8XL	59	-	56	-	YO65f	16,37	GA4ZQ	59	-	59	-	YN57e
15,29	GB8YDU	59	-	59	-	YO05a	16,40	GBUJA	59	-	59	-	YN57d
15,35	GI3ZL	59	-	59	-		16,42	GB8TD	55	-	55	-	YN55d
15,39	GA4HR	55	-	55	-	ZN37e	16,43	GB3HL	59	-	59	-	YN35e
15,42	GB8YRU	55	-	55	-	YP47G	16,45	GB8FM	55	-	55	-	YL39b
15,45	GA4CX	59	-	55	-	XX49c	16,53	GS5WI	55	-	55	-	YN54h
15,50	EL6AS	59	-	58	-	WN59c	17,00	GI8ROJ	55	-	59	-	WO57b
16,00	GBDVP	55	-	55	-	XX46h	17,03	GI3SL	59	-	59	-	YN16b
16,04	GI3ZL	55	-	55	-		17,10	GB8XE	59	-	59	-	YO24d
16,05	GB8EIR	52	-	52	-	YL28G	17,15	GI6BN1	55	-	55	-	YO33e
16,07	GA4CX	55	-	55	-	XX49c	19,00	GM6TKA	55	-	55	-	YP72d
16,08	GB8TX	59	-	59	-	YN 8j	19,07	EL2DU	55	-	55	-	VO50e
16,10	GB8TX	59	-	59	-		19,12	GI3BW	59	-	59	-	YO33e
16,12	GB8TX	59	-	59	-		19,20	GM8JIG	55	-	55	-	VO50e
16,18	GB8TX	57	-	57	-		19,25	EL2DU	55	-	55	-	WO46d
16,20	GI5MPS	59	-	59	-	WO	19,29	GI8UX	55	-	55	-	VL42a
16,22	GB8ZL	55	-	55	-	ZN35f	19,30	EL3VDE	55	-	55	-	WM10a
16,23	GB8BR	55	-	55	-	ZN35f	19,40	EL2CA	59	-	59	-	VN50c
16,25	GM8EAI	59	-	55	-	YL25f	19,50	EL6DL	59	-	59	-	
16,28	GB8WJ	57	-	59	-	ZL 4c							

16,53	G3BW	579-579- <u>Y0336</u>	17,31	G2UP	589-589- <u>XX356</u>
16,58	G6WR	579-579- <u>Y0336</u>	17,35	G5VU	589-589- <u>XX756</u>
17,02	GMA4HT	559-559- <u>Y073h</u>	17,41	G5SXU	559-549- <u>XX26</u>
17,04	G3PER	559-559- <u>Y076i</u>	17,44	G3PER	589-589- <u>Y076i</u>
17,11	RI3YDE	579-599- <u>V426A</u>	18,02	E1TD	58-58- <u>WN556</u>
17,32	G5VU/A	599-599- <u>Y37c</u>	18,10	G1BVO	59-59-?
17,26	G5VU/A	589-589-?	20,49	RI3YDI	55-55- <u>V426A</u>
	RI4CL	599-599- <u>WN66g</u>			

BA7AJX on YX12c

16,10	G4DGZ	55	-55	YL33h	17,10	G8BJU	59	-55	-?
16,11	G8WHI	55	-55	YL33a	17,30	G8BJU	59	-59	Y0b5a
16,12	G8VFP	59	-55	ZL37a	17,35	G16GG	55	-55	
16,13	G8VNI	59	-55		17,50	G8MIVR	55	-55	YP0b3
16,14	G3P0I	59	-59	AL51g	19,10	G4DWC	57	-55	-20
16,16	G3WV	59	-57	Y033g	19,20	G4AMH	59	-59	203aa
16,16	G8VUO	59	-55	ZN35d	19,25	G8CYI	55	-55	
16,23	G8GFG	59	-55		19,30	G4KEX	59	-59	ZP73g
16,25	G3UBT	59	-55	Y0	19,32	G3MSM	59	-59	ZL?
16,25	G3INV	59	-59	ZL07h	19,35	EI3VDE	59	-59	VL42a
16,35	G4BEX	55	-55	ZM66b	19,37	G8VXM	57	-55	
16,42	G8PFD	59	-59	YN51e	19,37	G8VXM	57	-55	
16,45	G8WCJL	59	-59	YL34f	19,40	G4XSL	59	-59	YN1b
16,53	G4AMU	59	-59	ZN40c	19,45	G3EVI	59	-59	YL25f
17,01	G3PPI	55	-55		19,45	G8VNI	57	-57	
17,05	G6ENN	55	-55	ZP d	19,46	G4HAD	57	-57	YN46e
					19,48	EI3VDE	59	-59	VL42a

THE INTERNATIONAL AMATEUR RADIO UNION

REGION 1 DIVISION

VHF Sporadic-E Long-Distance Propagation Report Sheet



Call Sign: _____ -Arctic: _____ -Gain/Dipole: _____ dB -Receiver Front End: _____ -Noise Figure: _____ dB

-QTH locator: _____
-Beamwidth: _____ deg.
-Height a.s.l.: _____ m
-IF Bandwidth: _____ kHz

- Date _____ 19____

- Estimated Time of Start of Opening _____ UT

- Sheet Nr _____

[illegible][illegible]

Dia 15 de Julio de 1981 QSOs via Esporádica

BA5CW en ZY1Øh

15,40	Y21RE	55 -	HM68j
15,46	DK2EA	55 -	FK69a

BA3XU en BB41d

10,04	L2LAB	53	-	53	-	LG37d
14,33	Y2IRE	53	-	54	-	HM43j
14,43	Y2IRE	56	-	57	-	HM43j
14,48	D17ABV	-	-	-	-	GM37e
14,55	D17UKA	59	-	59	-	GM47f
14,55	D17ABV	59	-	59	-	GM37e

BA3AIR en BB41e

14, 30	Y21RE	55 - HD
14, 37	DJ7PW	57 - EI
14, 44	Y21RE	57 - HD
14, 47	DK2EA	59 hrd.

-----EALTH en YC48b-----

14.31	OK2BFI	59	59	J113b	14.40	SPDSD	59	59	JK55e
14.32	SP96SO	59	59	J115f	14.41	SP9YU	59	59	JK35c
14.33	SP96SO	57	59	JK56f	14.42	OK1VY	57	59	HJ07j
14.34	OK2KZR	59	59	IJ32f	14.44	SP9BQA	59	59	JK9j3
14.35	SP91WY	59	59	JK56e	14.45	SP6GNA	59	59	IK44e
14.36	OK2EWM	59	59	IJ32f	14.47	SP7FSF	59	57	JK28a
14.37	SP11HF	59	59	JK56f	14.47	SP6AKR	59	95---	IL65d
14.38	SP91M	59	59	JK56f	14.48	OK1KXH	59	59	HJ07j
14.39	SP9EYR	59	59	JK56e	14.49	SP6LWM	59	59	JK31c
14.39	SP9E9GS	59	59	JK55e	14.45	OK1MKP	59	59	HJ07j
14.36	SP9BWO	59	59	JK74e	14.59	DU5MS	59	59	GI15e

EA3LT en AB56b

14,437	Y25HB	59	56	GK15c	14,56	Y25HB	59	59	GK15c
14,440	Y21RE	59	59	HM53j	14,56	DB8NK	59	59	PJ46f
14,442	Y24UN	59	59	GK14g	14,57	DB8NKQ	59	59	PJ46h
14,451	DKCEA	59	59	FK65a	14,58	DC9NH	59	59	PJ56j
14,453	Y25HB	59	59	GK15c	14,59	DB9RT	59	59	PJ56g
14,54	DC9NT	59	55		15,05	Y22NT	59	59	GK05e

EBADP en YA42G

? ?
 SP6LEW 57 - JK32c
 OK1KXH 53 - HJ

15,03 OK1GA 59 - 59 - HJ6 7a
 14,35 OK1MK 57 - 59 - HJ67j

EA5AKI en Z239G

? ? Y21BR 55 - HM53j

EA1CR en ID32d

14,30	OK ??	-	1H31h	14,40	HG8DT	-	1152f
14,33	HG7PR	-		14,40	OE3CEW	-	HI69E
14,34	HG6KNB	-	J169c	14,48	OE30FS	-	GI80c
14,35	OE61WG	-	HH47j	14,50	OE57DL	-	J162a
14,36	OE3CEW	-	1152f	14,52	OK3RMW	-	
14,36	HG6NP	-	1180h	14,53	OE3JHC	-	GI66b
14,36	OK3BY	-	1158b	14,54	OE50UL	-	GI68b
14,37	OK3TVK	-	1146E	14,55	OE5WBM	-	1121f
14,38	HG6KNB	brd.		14,57	OE3HGW	-	JH20c
14,38	OK3JM	-	1146E	14,58	HG6VY	-	JH20c
14,38	DF7RG	-	GI43	15,00	OK3KMY	-	1146E
14,38	OE3CGX	-	1166E	15,04	OK3KMY	-	
14,39	OE3RIV	-	1172E	15,07	OK3JUV	-	1146E
14,40				15,08	OK3BY	-	

EA5MR en Z249E

14,40	Y25KN	59 - 59 -	GK15j	14,48	DC9NH	59 - 57 -	PJ56a
14,40	Y25HN	59 - 59 -	GK15c	14,49	DK5NI	59 - 59 -	PJ83j
14,42	Y25KN	59 - 59 -	GK15j	14,52	DC8NH	55 - 55 -	PK5
14,43	Y25UN	59 - 59 -	GK12b	14,58	DC8NX	59 - 59 -	PJ46f
14,45	DK2EA	59 - 59 -	PK69a	15,00	DC8NAQ	59 - 59 -	PJ 5h

Dia	19	de	Julio	de	1981	QSOs	via	Reportedice
-----	----	----	-------	----	------	------	-----	-------------

EA4OR en YA34j

17,18	IT9ZNV	55 - 55 -	GY67f	18,01	IT9OTN	55 - 55 -	HY68b
17,35	IT9JUD	55 - 55 -	HK54a	19,04	IO6EJ	59 - 59 -	HA32E

EA1KC en ID32d

17,02	18QAF	1Y11c	18,16	9H1BT	HV12b
17,05	18EMG	1Z51d	18,27	9H1BT	HV12b
17,08	18WAK	1Z51d	18,41	9H1FX	HV
			18,42	9H1CC	
			18,43	9H1CC	
			18,44	9H1CC	
			18,45	9H1CC	
			18,46	9H1CC	
			18,47	9H1CC	
			18,48	9H1CC	
			18,49	9H1CC	
			18,50	9H1CC	
			18,51	9H1CC	
			18,52	9H1CC	
			18,53	9H1CC	
			18,54	9H1CC	
			18,55	9H1CC	
			18,56	9H1CC	
			18,57	9H1CC	
			18,58	9H1CC	
			18,59	9H1CC	
			19,00	9H1CC	

EA1M/7 en W166e

15CTE - PD6dd
 IABIN - PE38c

1W5WBG - PD25c
 1W5ALI - PD25j

EA3AIR en BR41e

17,50 9H1CG 55 - HV63e

17,52 9H1GB 51 - HV13a

EA5GW en Z1P9e

17,25	IT9EDN	59 -	HY68b	17,46	18WUS	59 -	1Z61j
17,29	18QAF	59 -	1Y11c	17,50	17HVP	59 -	1B74c
17,30	171LN	59 -	JA62a	17,51	17ORF	56 -	1A77h
17,35	1W8BDU/8	319		17,55	IT9ZNV	59 -	GY67d
17,40	18EMG	59 -	1Z51h	17,56	171IR	56 -	1A47h
17,44	18WAK	59 -	1Z51h	19,00	15CTE	59 -	PD6dd
17,45	18Y20	59 -	HY68a				

EBADP en YA42G

16,45	18Y20	59 -	HY68a	17,03	IT9LXY	59 -	HY67a
16,50	IT9ZNV	59 -	GI67d	17,05	18CBJ	59 -	HA32E
16,53	IT9EDN	59 -	HY68b	17,10	1W9WFO	59	
17,00	IT9AIG	59 -	GY67c	17,20	IT9DTU	59	

EA1ED en VD59h

17,05	18CBJ	59 -	HA32E	18,21	18PUD	55 -	EZ
17,09	18EMG	59 -	1Z51h	18,46	18PUD	55 -	EZ66a
17,23	9H1CG	59 -	HV03e	18,47	18PUD	55 -	EZ a
17,25	9H1FX	59 -	HV13a	18,50	18PUD	55 -	HK67h
17,37	9H1GD	59 -	HV03e	18,57	18PUD	55 -	EZ66a
17,35	9H1GB	55 -	HV13a	19,05	18PUD	59 -	HK67h

<u>BAQR on Y434</u>		<u>EB1AK on VD39e</u>	
16,17	1702P 57 - 56 - 1A47b	16,15	187X0 55-- 59 - HY4/a
16,24	1704KA 52 - 55 - GB82b		
16,33	17000 58 - 57 - 1A56e		

KAJEN en 6140j
16,24 IGZAU 53 - GD38j

176CT 59 - HB20
 176AKA 59 - GB22b
 176AVH 59 -
 17087 59 - 1A47h
 17UGO 59 - 1A56e
 170GB 59

BA311 on AB56b
 16,45 CR8BA 53 hrd W24h

EALED en VD59h

16,01	I8YZO	55 -	HY40a
16,27	IT9SAS	55 -	HY28b
16,30	I8ENG	55 -	I251h

BA7AJX	en	YL2c
16, 37	IØEIO	59 - 59 - GBI4c
17, 25	I4BAT	59 - 59 - PE6Øf

Record Trope IARU región 1

RICHARD BAKER
Ballanarrah, Surby, Port Erin,
Isle of Man

EASXS

CONFIRMING ORDER 144 W/ 558 QSO OF 4/19/11 AT 224
 COT-UTTING 460 A FT 5
 MOORE AB20 OR A NO77H YOUR 505-15 53
 1 X R R FT20 45X356A
 67 MONTHS ASH
 ANT 142.1017
 73. *Rudolf*

BA40R en YA34	
15,34	1771W 52 - 53 - JA62a
15,48	1786G 57 - 58 - 1231h
16,41	1811T 58 - 58 - GB26c
	16,44
	1704A 57 - 52 - GB22b
	16,46
	1810O 58 - 59 - GB14c
	16,54
	1812C 55 - 52 - ?

EAXIU en EBALd	
15,50	IT9C7H 57 - 57 - HT78h
15,53	IT9WKO 57 - 59 - HX36a
15,56	IT9MBJ 57 - 57 - HT66b
16,02	IT9DUM 59 - 59 - HX36b
16,03	IT8BKO 55 - 56 - HX32c
16,09	IT6XVI 51 - 51 - GB23e
16,13	IT9ZNV 59 - 59 - G367d
16,17	SVIUIJ/3 59 - 59 - KW20e
16,20	IT9AJH 59 - 59 - HT68c
16,23	IT9AJH 59 - 59 - HT68h
16,26	IT9ZNV 55 - 56 - HT68h
16,28	IT6ADI 59 - 59 - HY
16,34	ITEXSK/8 59 - 59 - HT40h
16,37	IT8BEX 55 - 55 - HA12h
16,50	SVIUIO 55 - 55 - LY74a
17,14	SVIUIS 55 - 55 - LY
17,15	SVIUIV/3 59 - 59 - KW20e
17,16	SVIUIAB 59 - 59 - LY79d
17,20	SVIUIJO 59 - 59 - LY79d

EASAMR on 22/27/16	
SVLDH/3	KW21E
I71WN	J462a
I0APF	
I0JX	GB01J
I79PIM	
I79MRJ	HY06b
I7VHV	I130E
I3FTN	HA454
I2SXX/8	HY40a
I87MB	HA10J
I8DWE	HA12J
ICB8GO	HA32E
I7BET	HB27C
I0NPN	GB56E
I79QYH	HY18h
I8EMG	I751h
I7W8V	I250h
IS07DK	E622a
I7O/AWH	GB56e
I8DUX	H240d
IW0BCU/8	H207b
I77AAG	I8E4h
I6SVS	GB14J
ICGEP	G051J
SV1AB	IY79d
H01 C	I015
I4G0C	
IX0G	SV11O
IY0ATO	
IY74a	
GB14a	

18BEMG	58 -	1251h	YU21Q	57 -	HE77h	SVL10	-	LX74a
SVLAB	57 -	LX79d	YU2HTU	57 -	HD30a	16CTJ	-	HC
SV10E	57 -	LX10a						

17,39	18PM/8	HY59e	17,51	17Q1DN	HY68b
17,47	14IC/8	HY75f	17,57	17Q2GY	GY67c
17,49	179MHJ	HY68b	18,01	17Q2WV	GY67d

BAITH en YC48b

15,38	1W9ALG	59 - 59 -	GI67c	16,03	SVLDH/3	57 - 52 -	KW20g
15,41	1T9PPO	59 - 59 -	HK36a	16,13	1T9ABZ	57 - 59 -	GI67d
15,45	1T9BRJ	58 - 59 -	HK36b	16,16	1T9BWA	59 - 59 -	GI67d
15,48	1T9BWA	59 - 59 -	GI67d	16,17	1T9JULP	57 - 59 -	HK38a
15,49	1T9GWH	59 - 59 -	HK36b	16,23	1T9LJH	59 - 59 -	HK68c
15,54	1T9SSU/837	57 - 57 -	HK40b	16,24	18BNG	59 - 59 -	1Z51h
15,58	1T9GTH	59 - 59 -	HK68h	16,48	1T9LW	57 - 57 -	1J62a
15,58	1T9VWE	57 - 59 -	HK36j	17,05	SVLDC/3	56 - 55 -	KW20g

BAJLT en AB35g

15,35	1W9ALY	52 - 55 -	GB12g	16,37	1T9PRK	55 - 59 -	HY68c
15,36	SVLDH/3	59 - 59 -	KW20g	16,41	1T9SX/8	59 - 59 -	HY40h
15,40	1T9GWH	59 - 59 -	HK36b	16,46	13P7/8	51 - 51 -	?
15,42	1T9GTH	59 - 59 -	HK68h	16,51	SVLLO	59 - 59 -	LY74a
15,43	1T9PFO	59 - 59 -	HK36a	16,51	SVLAB	59 - 59 -	LY79d
15,47	18BNG	59 - 59 -	1Z51h	16,58	1W6AGD	52 - 57 -	HK72e
16,09	1T9BRJ	53 - 59 -	HY68b	17,06	SVLOS	59 - 59 -	1X10a
16,23	1T9JLJH	51 - 59 -	HY68a	17,14	SVLDS	59 - 58 -	LY
16,35	1T9BBO	54 - 53 -	HA32g	17,38	SVLAB	59 - 59 -	LY79d
16,36	1T9AJH	59 - 59 -	HY68c				

BRADY en YAA2g

15,39	1T9BRJ	59 - 59 -	HY68b	16,14	1T9KIO	59 - 59 -	GB14c
15,43	1T9LW	59 - 59 -	JA62a	16,18	1W9AKA	59 - 59 -	GB22d
15,46	1T9GTH	59 - 59 -	HY64h	16,21	1W9ALY	59 - 59 -	GB12d
15,50	1T9BEM	59 - 59 -	HY68b	16,25	1T9ABZ	59 - 59 -	GB18h
15,54	1T9BBO	59 - 59 -	HA32g	16,30	1T9BYL	59 - 59 -	GB03e
15,57	18BNG	59 - 59 -	HB27c	16,34	1T9VLS	59 - 59 -	GC51j
16,00	1T9CT	59 - 59 -	HB27c	16,36	1T9BAC	59 - 59 -	GC41d
16,03	1T9XT	59 - 59 -	GB01j	16,38	1T9BAC	59 - 59 -	GB14j
16,07	16WJB	59 - 59 -	HC42g	16,41	1T9CP	59 - 59 -	GB14j
16,10	1T9GNG	59 - 59 -	GB03g	16,50	SVLDH/3	53 - 53 -	KW20g

BA8ET en RO22g

16,47	11ANP/1	56 - 56 -	KE79b	16,27	18BNG	59 - 59 -	1Z51h
				16,41	SVLAB	59 - 59 -	LY79d
				16,46	SVLLO	59 - 59 -	LY74a
				16,52	SVLOS	59 - 59 -	1X10a

BA3ABZ en BR21d

17,00	SVLLO	55 - 55 -	LY74a
17,01	SVLAB	57 - 57 -	LY79d

BA2ATV en ZC12c

17,35	18BPN	59 - 59 -	HY59e
17,35	18BPN	59 - 59 -	HY59e
17,35	18BPN	59 - 59 -	HY59e

BA4OR en YAA3j

18,44	DJ8HAL	55 - 55 -	FW24c	18,48	DJ2OM	57 - 53 -	DK41d
18,46	DJ5DL	55 - 53 -	EL23e				

BAITH en YC48b

18,37	DJ5DL	53 - 51 -	EL23e
-------	-------	-----------	-------

BRADY en YAA2g

18,50	DJ5DL	59 - 59 -	EL23e	18,58	DJ8HAL	59 - 59 -	FW24c
18,53	DJ5DL	59 - 59 -	DK28g	21,07	DJ2OM	59 - 59 -	DK41d
18,55	DJ5BV	59 - 59 -	DK28h	21,09	DJ7FO	59 - 59 -	?

BRALK en VD39e

18,35	DJ6MJ	55 - 55 -	PI60j	18,46	DJ6AH	57 - 57 -	GI15g
18,36	DESGDL	53 - 55 -	?	18,46	OK3TUK	59 - 59 -	II46g
18,36	DEBNG	56 - 59 -	PI79h	18,47	DD9XC	56 - 59 -	PI79j
18,37	DJ7RG	57 - 59 -	GI43c	18,48	DPANC	55 - 55 -	PI
18,37	DEBXT	56 - 59 -	GI28h	18,50	DO6PX	56 - 55 -	EH30b
18,38	DEBXTA	52 - 53 -	II62b	18,51	DJ5MAN	55 - 55 -	PH30c
18,41	DESOUL	52 - 59 -	GI58b	18,51	OK3TUK	53 - 56 -	EH49a
18,42	DESOUL	55 - 58 -	GI58b	18,52	OK3TUK	59 - 59 -	II66g
18,43	DESPQR	59 - 59 -	HI69g	18,53	YU2V	51 - 53 -	HG
18,44	DJ6MBH	59 - 59 -	GI63e	18,55	DK3LR	51 - 51 -	PH

BAITA en VD58b

DEBNG	PI79h	59 - 59 -		OK3TUK	II46g	59 - 59 -	
DESVHL	GI59b			DJ6MBH	GI63j		
DC6AH	GI59g			DJ5ZH	PI68e		
DJ7RG	GI43c			OK3PQU	HI69g		
DESOUL	GI52b			DJ5MAN	PH30j		
DJ6MJ	PI60j			DD9XP	PI79j		
DJ3MBG	GI53b						

BAJL/1 en VC15J

<u>BAOR en YA3J3</u>		<u>BAIC en XD32d</u>	
17,07 12PHW	57 - 52 - EP36b	17,05 10BBDJ	HA32E
17,07 13ZNI	55 - 55 - PP19d	17,16 1W0AKA	GB22b
17,13 12SRR	57 - 58 - EP35f	17,19 1W0AKH	GB13a
<u>BAIQ en YC48b</u>		<u>BALH en YC48b</u>	
20,04 BA8XS	59 - 58 - SO73d	17,18 YU21Q	59 - 59 - HE77h

EBAD en YAA2E

16,30 13ZNI	59 - 59 - PP19d	17,08 12AV	59 - 59 - ER46c
17,03 13GPF	59 - 59 - GP24E	17,12 12PHW	59 - 59 - EP36b
17,05 HBSPNI	59 - 59 - EP1ch	17,15 YU30VD	59 - 59 - HG44b
17,07 1W2AIM	59 - 59 - EP47E		

BA4J en XA30b

17,03 12RRZ	59 - 59 - EP35f	17,14 12PAK	59 - 59 - EP77E
17,06 1V3AV2	59 - 59 - GP30f	17,15 YU3TCW	57 - 59 - HG44b
17,08 YU3GAB	59 - 59 - HG55f	17,17 13BBZ	59 - 57 - PP28J
17,10 1V3HW	59 - 59 - GP18c	17,19 1V3BAZ	57 - 58 - GPW3J
17,11 12PHW	59 - 59 - EP36b	17,20 1W2BOW	58 - 59 - EP58J
17,12 13F3Q	59 - 59 - GP41E	17,21 1W3QZC	59 - 59 - EP66E
17,13 YU30VD	59 - 59 - HG44b		

EBLK en VD39e

16,17 16WJB	54 - 56 - HC42E	17,00 1W0ATJ	56 - 59 - GB12d
16,24 1W7AW	53 - 53 - HB27c	17,02 10BBDJ	52 - 59 - HA32E
16,27 1SAVM	55 - 53 - PC16e	17,10 10CEP	54 - 59 - GB14J
16,28 17FW	55 - 53 - HB27c	17,12 1W0AKA	59 - 59 - GB22b
16,30 1W7AAG	53 - 54 - IB54b	17,15 10XYL	59 - 59 - GB23c
16,35 17ECR	51 - 52 - HB27c	17,16 10AKP	53 - 59 - GB13b
17,19 10BWP	57 - 57 - GB03J	17,24 10BBOO	52 - 53 - BA17b

BA9HG en XY44J

17,08 10BBSJ	- CG	17,14 10JEU		17,23 10SXB	
17,09 17LJB		17,15 10GPF	- CG	17,25 10ATCD	- YJ
17,10 10BZW		17,18 10BBS		17,30 10WBAI	- YL
17,12 10BGP	- DJ				

BAICR en XD32d

<u>EB4K en YAA2f</u>	
17,00 13ZNI	59 - 59 - PP19d
12PHW	55 - 55 - EP36b
11KTC	55 - 55 - EP44E
12SRR	53 - 53 - EP35f

17,04 10BBDJ	HA32E	17,19 10AKP	GB13h
17,06 1W0AWH	GB13a	17,20 10CEP	GB14J
17,13 1W0AKA	GB22b	17,23 1W3BA	??
17,15 1W0ATJ	GB12b		

BA5MR en Z248E

17,24 DB4VS	59 - 59 - DJ 54
18,35 YU3CAB	56 - 56 - HG55f

BATAJ en YX12c

17,12 10BBSJ	59 - 59 - CG24f
17,22 10GPF	55 - 55 - BI16J

dia 31 de Julio de 1981	QSOs via Reportadica
-------------------------	----------------------

BA5MR en Z248E

18,10 YU3CAB	58 - 58 - HG55f
--------------	-----------------

Dia 1 de Agosto de 1981 QSOs via Espordica

EA3AIR en B41e

17,41 SVLDH 59 - 59 - IX09a
17,49 4X4AS 53 Hrd.

EA7AJX en Y112c

17,15 9H1BT 59 - 59 - HW12b

EA4AAW en W249E

17,16 9H1BT 59 - 59 - HW12b

EA8XS en SOT3d

17,16 ISWWW 59 - 59 - F0031
17,20 I0MNI 59 - 59 - G051b
17,20 I1KXI 59 - 59 - E005c
17,21 I4BXN 59 - 59 - F033c
17,23 I5M2I 59 - 59 - F013b
17,25 I5AMT 59 - 59 - F016c
17,28 I0SMY 59 - 59 - G072b
17,35 I5XDU/p 59 - 59 - F003b
17,38 I5WEN 59 - 59 - F024b
17,40 I5ADH 59 - 59 - F013b
17,45 I5CPE 59 - 58 - F060b
17,46 I5AYX 59 - 58 - F005d
17,50 I4LCK/8 59 - 55 - H170f

Dia 8 de Agosto de 1981 QSOs via Espordica

EB4DP en Y442E

18,15 9H1ED 59 - 59 - HV
18,20 9H1BT 59 - 59 - HW12b
18,30 9H1GX 59 - 59 - HW13h
18,45 end of opening.

Dia 11 de Agosto de 1981 QSOs via Espordica

EALXC en XD32d

1023 I00RHP E267h

EA7BZP en XW64f

16,14 D09CZ
18,00 P00HND CM72c
18,32 P0KAW B133d
18,46 P9S0 B033e
18,52 ON7EH CK03f

EA3JLI en AB56b

16,05 HG1YA 59 - 59 - IH63b
16,07 HG5KDQ 59 - 59 - JH25c
16,07 HG1KXY 59 - 59 - IH53a

EA7PZ en X066c

17,44 P6AGV 59 - 57 - BK36f
17,45 P6KAW 59 - 59 - B133d
17,46 ON5CW 59 - 59 - B180f
17,46 ON4ZN 59 - 59 - C173d
17,47 PELAGZ 59 - 59 - G113d
17,48 ON6UG 59 - 59 - B179e
17,49 P1DSO 59 - 59 - CM72d
17,50 P00HND 59 - 59 - B116d
17,51 P66GT 59 - 59 - B116d
17,52 P03BA 59 - 59 - CM72d
17,53 P00YXS 59 - 59 - CM34e
17,54 D100O 59 - 59 - D121d
17,55 P0CPTL 59 - 59 - DM65a
17,56 P00RWH 59 - 59 - G179f
17,57 P00RWH 59 - 59 - CK09d
17,58 P00RWH 59 - 59 - CM45e
17,59 P03AMF 59 - 59 - CM44b
17,59 ON4TX 59 - 59 - CK12d
18,01 PELBW 59 - 59 - G170f
18,02 P0RBR 59 - 59 - B138
18,03 P1KXZ 59 - 59 - B101d
18,05 D1LBAF 59 - 59 - D162h
18,07 P03AXY 59 - 59 - CM76a
18,08 P03CU 59 - 59 - B172f
18,09 ON7EH 59 - 59 - CK03f
18,10 ON7EH 59 - 59 - CK03f
18,12 P00APE 59 - 58 - CL
18,13 ON5CG 59 - 59 - G173d
18,14 P00HHP 59 - 59 - G134b
18,15 P6FDR 59 - 59 - B155e
18,19 P6SEH 59 - 59 - B120a
18,20 P01CVM 59 - 59 - CL38f
18,21 P00LYA 59 - 59 - G137d
18,22 DK6JT 59 - 59 - DL35e
18,23 D05JT 59 - 59 - DL35e
18,25 D05KC 59 - 59 - DK12f
18,27 D03BAD 59 - 59 - DL32e
18,28 PELFTW 59 - 59 - DM65b
18,29 D103AK 59 - 59 - D153h
18,30 P00GX 59 - 59 - CK09c
18,32 DK1OG 59 - 57 - DL44e
18,35 G8FNG 56 - 55 - ZH78f
18,36 G8SWZ 59 - 59 - YW40h
18,37 G4KEX 59 - 59 - ZN11d
18,38 DB5EC 55 - 59 - CK29h
18,40 ON4IH 59 - 59 - CK29h
18,43 DKLOS 59 - 56 - D144e
18,43 P00VVO 59 - 59 - G159a
18,44 D1ZKAL 59 - 59 - DK06d
18,45 D14EA 58 - 59 - D165e
18,47 ON1BG 59 - 59 - CK43f
18,49 G08TBG 59 - 59 - Y121b
18,53 R3CF 58 - 54 - BK26
18,54 P1KJN 59 - 59 - AH34d
18,55 P2FI 59 - 59 - A46b
18,56 P01MD 59 - 59 - AH44h

EATPZ cont'd:

18,58	PA6HNB	59 - 59 -	GL34e
18,59	ON4EX	59 - 57 -	GL12d
19,00	PA3BHK	58 - 59 -	OM66b
19,01	FLKBY	58 - 58 -	GL34f
19,03	FLKBY	58 - 59 -	BI01j
19,04	PA3AVL	59 - 59 -	OM78d
19,06	PR1PFO	58 - 59 -	OM78f
19,07	PA3BAG	59 - 59 -	GL02e
19,08	PA6HLS	59 - 55 -	OM53d
19,11	DTVH	55 - 55 -	DT76b
19,12	DK0FU	59 - 59 -	DL34e

17,40	FE6IL	59 - 59 -	AI30f	18,35	ON6UG	55 - 55 -	BL79c
17,55	PA2VSE	55 - 55 -	CM24j	18,45	P3CUT	59 - 57 -	BT72f
17,57	FE6VL	55 - 55 -	AI00b	18,50	G4JDE	59 - 59 -	AI
18,00	FE6FA	55 - 55 -	AG32b	19,00	FL1RL	59 - 59 -	ZI13f
18,05	PA3BRS	55 - 55 -	CM34e	19,15	FLKBY	59 - 59 -	BI01d
18,18	PA3BBA	59 - 59 -	CM72j	19,18	FL1RA	59 - 59 -	BI
18,20	FE6CTV	55 - 55 -	AH43j	19,19	FL1DLZ	59 - 59 -	BI
18,25	FE6RWY	59 - 59 -	CM45e	19,20	P33Z	59 - 56 -	AG32b
18,25	PD0WQ	59 - 59 -	BI41j	19,30	SM7CW2?	59 - Hrd	QSB4QRM
18,30	ON5QW	55 - 55 -	CI14j				

EA7AG en XI41f

17,50	DJ9GZ	- DL	DL4RA	- DL65g
	DK63T	- DL44f	DP5JT	- DL39g
	DP2QJ	- DL44b	DB6DC	- DL57e
	PK6AW	- BI33d	DK1DJ	- DL67e
	PL0QX	- BI23a	DJ9UX	- DL65e
	PE1AGJ	- BE2	PE1AGZ	- GL13d
	PL0U/P	-	PL1DRC	- AI77g
	PA3AGN	-	DP5KC	- DK12f
	PE1QXU	-	OM7KH	- CK03f
	PA6HNM	- CK69d		- DL66b

19,03

EA3ABZ/7 en IX38h

19,10	PE1GHS	52 -	CI04f
19,30	P3CUT	59 -	BT72f

EATCWM en WX60b

DJ9GZ	53 -	DL71a	DP0HBS	59 -	CI70f
DK8UT	55 -	DL44f	PE1GUP	59 -	CK19e
PK6AW	55 -	BI33d	DP0KKR	57 -	CI70f
DP2QJ	55	??	OM6NT	55 -	CI ?
PE1BHX	59 -	CI70f	DL4BA	59 -	DL35g
DP0BHZ	59 -	CI70f	DB6DC	59 -	DL57e

Dx del año

EA7RH en YC48b

17,49	IT6CPT	57 - 59 -	HB27c	18,45	YU2ERY	55 - 55 -	HE77h
17,50	IT7HVP	59 - 59 -	IB74c	19,42	YU3CAB	53 - 54 -	HE55f
18,40	YU2IQ	55 - 57 -	HE77h	19,45	YU3UIM	41 - 41 -	GP45j

WALES

P.O. BOX 21, SWANSEA, WEST GLAMORGAN, SA1 1ED

GW3NYY



Confirming QSO with Radio EA1QJ

DATE	GMT	REPORT	FREQ	MODE
2c circled 181	19,17	53A	144MHz	2.c.u.

FIRST QSO via
AURORA EA → GW

Bo/Tm QSL Directiva RSGB

Via AURORA
73 WALT DAVIDSON

EA3LL (AB56b)

19-5-81

cont. 8-6-81

20,08	YU7PXB	52	55	KP01c
20,09	YU7MWN	52	54	KP24f
<u>25-5-81</u>				
18,45	YU7MWN	519	52	KP24f
<u>28-5-81</u>				
19,45	YU3UIM	57	53	GP09j
<u>31-5-81</u>				
17,44	YU2RGO	52	51	
17,45	YU2DQ	52	55	JF34f
17,46	YU7PXB	55	55	KP01c
17,49	YU2KDE	51	55	JF23c
17,50	YU2RGO	55	55	HP20c
17,51	YU7MWN	52	55	KP24f
18,03	YU3UIM	55	51	GP09j

2-6-81

18,24 YU7MWN 54 55 GP39d
18,25 YU2RGO 53 54 KP24f
18,27 YU3UIM 57 51 GP09j

9-7-81

18,16 YU3UIM 56 52 GP09j
18,29 YU3BS 559 569 GP39d
18,35 13TUQ 519 519 GP41c
18,51 YU2ABW 519 559 JF23f

11-7-81

18,24 YU3UIM 59 55 GP09j
18,25 YU3DBL 51 54 GP30a
18,38 YU3BS 55 56 GP39d
18,39 IW3QIO 53 55 GP30f
18,40 IW3AVZ 54 55 GP23c
18,42 YU2KDE 51 55 JF23c
18,44 13TDP 52 55 GP24c
18,46 YU3M 53 55 HG731
18,50 IW3YAK 55 57 GP30f
18,51 YU3CAB 52 56 HG55f
18,53 YU3TML 51 55 HG74f
18,55 Y29GBE 51 57 IG52c
19,00 HG68Q Hrd 519
19,03 YU3URI/3 Hrd 51

(EA3LL AB56b)

13-7-81

cont. 16-8-81

17,39	YU2DG	55	52	JF34j
17,47	IW3AVZ	53	53	GP30f
17,50	13TUQ	519	52	GP41c
17,54	YU2DI	51	55	JF64j
18,01	YU2BOP	52	56	JF34j
18,07	YU3BS	55	55	GP39d
18,16	IW3YAK	54	56	GP46f
18,15	YU2KDE	51	51	JF23c
18,19	13TDP	519	51	GP24c
20,05	PGCIG/P	55	55	BF21j
20,07	YU3UIM	51	51	GP09j

15-7-81

17,03 YU2EZA 519 559 IG54f
17,10 YU3ABL 51 54 GP30a
17,26 YU3BS 53 54 GP39d
17,39 YU2DG 519 539 JF34f
18,09 YU32V 419 519 HG30d

16-7-81

20,59 YU3UIM 55 51 GP09j
21,08 IW3AVZ 53 53 GP30f
21,39 PGCIG/P 559 559 BF21j

11-8-81

16,16 YU7MWN 52 53 KP24f
16,17 YU3BA 52 55 HP04a
16,19 YU2KDE 52 56 JF23c
16,20 IW3MWT 57 58 GP18c

14-8-81

18,35 YU1AMW 51 55 KE13j

10-8-81

ant 75-800

16-8-81

18,06 YU7PXB 54 59 KP01c
18,10 YU7MWN 55 55 KP24f
18,12 YU2DG 53 57 JF34j

cont. 16-8-81

18,13	YU2EZA	52	52	IF
18,15	YU7NOJ	54	54	JF16a
19,04	YU3CAB	55	55	HG55f
19,33	YU7EUI	51	52	KE13h
19,39	OEBL0G	51	51	HG09f
19,50	YU2IQ	519	57	HE77h
19,53	YU3CAB	52	52	HG55f
21,12	YU3UIM	57	55	GP09j

17-8-81

18,25 YU3UIM 58 57 GP09j
18,26 YU7PXB 59 59 KP01c
18,27 YU2HW 54 56 HP20c
18,33 13TDP 53 56 GP24c
18,44 YU7MWN 55 55 KP24f
18,49 YU2KDE 54 57 JF23c
18,51 YU3BS 56 56 GP39d

18-8-81

19,16 YU3BS 57 57 GP39d

19-8-81

19,31 YU3MWT 52 52 GP18c
19,35 YU7PXB 58 58 KP01c
19,36 YU3UIM 58 51 GP09j
19,44 YU7MWN 51 55 KP24f

22-8-81

18,37 YU3UIM 51 51 GP09j

BA3AIR (BA41e)

25-5-81

18,39 YUTWN 519 KP24f

28-5-81

18,37 YU2HW 529 HP20c
 19,15 YU2HW 54 HP20c
 19,23 YU3UIM 53 GP09j
 19,32 YU3USB 54 HG38c
 18,46 IV3AVZ 54 GP30f

31-5-81

17,45 YU2KDE 53 JP23g
 17,49 YUTPXB 55 KP01c
 17,58 YU2RGO 55 HP20c
 18,04 YU3USB 52 HG38c
 18,05 YU3UIM 55 GP09j
 18,20 HG8CE 419 KG32c
 18,33 YU3FM 52 HG53j
 18,40 YU2CUA 519 ?
 18,47 YU2MM 529 IP05f
 18,50 YU3ZW 519 ?
 18,55 YUTWN 559 KP24f
 18,56 YU2LJ 539 IP05c
 19,21 YU2RGO 57
 20,03 YU3USB 44 HG38c
 20,50 YU3UIM 51 Hrd.

1-6-81

17,11 YU3UIM 519 GP09j
 18,55 YU3UIM 53 GP09j
 19,22 YU3USB 53 HG38c
 19,38 YUTPXB 55 KP01c

2-6-81

18,04 YU3UIM 53 GP09j
 18,55 YU3USB 539 HG38c
 19,22 YU3CMS 52 IP33f
 19,25 I3TUQ 519 Hrd.

6-6-81

18,53 YUTWN 519 KP24f
 19,02 YU2KDE 519 JP23g

7-6-81

19,03 YU3UIM 54 GP09j

8-6-81

18,37 YU2RGO 549 HP20c
 19,10 YU3ES 559 GP39d
 19,27 YU3UIM 55 GP09j

9-6-81

17,50 I3TUQ 52 Hrd.
 17,54 YU3UIM 55 GP09j

10-6-81

19,17 YU3UIM 529 GP09j
 19,25 YU3UIM 559
 19,30 YU3UIM 56 "

13-6-81

18,25 YU3UIM 52 GP09j
 19,12 YU3UIM 54 GP09j
 19,19 I3LGP 319

16-6-81

19,15 YU3UIM 55 GP09j

19-6-81

18,56 YU3UIM 559 GP09j
 19,10 IV3HWT 51 Hrd.
 19,15 IV3YAK 51

20-6-81

19,03 YU 529 GP09j

21-6-81

19,01 YU M 55 GP09j
 19,30 IV K 53 GP30f

22-6-81

19,00 YU 4 51 Hrd.

(BA3AIR BA41e)

23-6-81

18,55 YU3UIM 55 GP09j
 19,13 I3TUQ 519 Hrd.
 19,34 I3TUQ 529 GP43g

25-6-81

18,45 YU3UIM 529 GP09j
 to 19,50.

26-6-81

19,40 YU3UIM 51 Hrd.

3-7-81

19,28 YU3UIM 52 GP09j
 up to 19,50.

4-7-81

18,56 YU3UIM 52 GP09j
 18,58 YU3AAK 519 ?

8-7-81

19,00 YU3UIM 53 GP09j
 up to 19,54

9-7-81

19,26 YU3UIM 55 GP09j

10-7-81

19,10 YU3UIM 549 GP09j

13-7-81

18,73 YU3UIM Hrd
 19,04 YU3UIM 55 GP09j
 19,15 HG6 9? Hrd
 20,01 YU3UIM 51 GP09j

15-7-81

18,34 I3TUQ 519 GP41g
 18,40 YU3FM 529 HG73j
 18,42 YU3ES 529 GP39d
 18,43 YU3ABL 419 GP30a

24-7-81

18,40 HG8CE 519 KG32c
 18,58 YU3ES 52 GP39d
 19,06 YU3USB 55 HG38c
 19,10 YU3CAB 53 HG55f
 19,21 YU3DRW/3 53 HG
 19,50 YU3USB 52 HG38c

2-8-81

18,44 YUTPXB 44 KP01c
 20,01 YU3UIM 54 GP09f

15-8-81

19,26 YU3UIM 55 GP09j
 19,27 YU3CAB 55 HG55f
 19,30 I3LGP 52 PG

16-8-81

18,32 HG8CE 529 KG32c
 18,34 YZ9CBE 519 IG52c
 18,50 YUTPXB 59 KP01c
 18,54 YUTWN 529 KP24f
 21,24 YU3CAB 55 HG55f

17-8-81

17,57 YUTWN 529 KP24f
 17,58 YUTPXB 57 KP01c
 17,59 YUTBCX 53 KP
 18,06 YU3HW 539 ?
 18,15 YU3HW 53 HG
 18,17 YU3AV 419 HG
 18,24 YU3UIM 56 GP09j
 18,25 YU3ES 55 GP39d
 18,36 YZ9CBe 529 IG52c
 19,00 YU3SW 519 ?

18-8-81

18,44 YUTWN 419 KP24f
 18,58 YUTPXB 56 KP01c
 19,04 YU3UIM 56 GP09j

144 MHz

DF2ZC (DK50d) wkd via Aurora on 144 MHz in CW:

820206 1755 OZ3GW FQ21a 53a 53a 25°
hrd GM4IPK/A, GM4COK, SM7WT

vy 73 de Bernd

DK3IK (DJ55f) wkd via Aurora on 144 MHz in CW:

820301
1512 G4DEE YN39b 59a 57a 0° 1529 G3UNU ZM04c 55a 55a 0°
hrd DL4EA, G4MEJ, OZ4VV, OZ3ZW, OZ1EKI, GM3WCS, DK9CK.
820302 1406 GM4CXM XP09g 51a 55a 0°
hrd OZ4MM, OZ4VV, G3UNU, G3JQJ, OZ3WU, PA0CIS.
tks fer info, dr Volker

DK6AS (FM44d) wkd via Aurora on 144 MHz in CW:

810305				1653 GM3JFG	XR30b 55a 54a	5°
1508 LA8AK	DS80b 57a 55a	15°	1703 LA3TI	CU47h 54a 54a	25°	
13 UP2BFE	KP27g 59a 59a	45°	38 UQ2AP	MR 55a 56a	35°	
20 RQ2GGS	LQ06b 55a 55a	45°	58 RQ2GAG	MQ01g 59a 55a	35°	
42 SM5EBG	HR08b 53a 57a	30°	1808 RA3YCR	RN52f 55a 59a	35°	
810307			1813 OH2TI	MU65g 55a 55a	0°	
1735 GM3JIJ	WS69c 52a 42a	0°	19 UK2RAH	MS58b 57a 57a	0°	
41 LA9FY	EU36j 55a 51a	0°	22 UR2RDR	MS68f 57a 55a	355°	
55 OH0JN	KU 57a 58a	0°	24 OH2BUW	MU56b 55a 55a	355°	

tks fer info, dr Andy

DL20M (DK48d) wkd via Aurora on 144 MHz in CW:

820201
1859 GM4JEJ YQ38g 55a 55a 0° 1912 GM3ZXE YQ35h 56a 58a 0°
1908 GM4CXM XP09g 59a 59a 0° 25 OZ4VV EQ17a 59a 59a 0°
hrd GM4JJJ, GM3WCS, GM4COK, SM6AEK, GM3UU, SM6DHZ, SM4IVE all 0°.
820203 820204
2125 SM4GVF HT76a 55a 55a 320° 1856 hrd GM4JLY YR80a 51a 0°

DL20M (DK48d) contd.

820206 1855 SMATER Q025b 55a 57a 330°
 1750 GNMCS YQ73c 59a 57a 5° 59 GM4IRK YR80j 52a 55a 340°
 hrd GM4COK, SM4GVF, GM3UJ, GM3VNB/A (XQ77e).
 tks fer info, dr Roland

DL70Y (FJ31e) wkd via Aurora on 144 MHz in CW:

820210 1700 SNEAFN FR30j 54a 55a 0°

820222

1906 SM5DFF IS31c 52a 55a 350° 1947 SM5CNQ HS46c 52a 55a 350°

vy 73 de Claus

DL9DAK (DL29E) wkd via Aurora on 144 MHz in CW:

810823

1448 GM4ILS YR24e 56a 56a 1502 SNEAFN FR30j 56a 56a
 34 SM0TAX JT51b 51a 53a

8d condx but dismal activity, hrd only 10 strcs.

QTF? tks fer info, dr Peter

16ETL (YH24c) wkd via Aurora on 144 MHz:

810725
 1451 GBEVR YN49d 59a 59a 15° 1634 GM8REY XN60j 54a 54a 30°
 1535 GADGC AN61b 53a 53a 15° 36 GM8CY YN19e 52a 52a 30°
 1508 GBNL YL10j 53a 53a 20° 39 G8HSE YN25j 52a 52a 30°
 17 G4R ZN53h 32a 37a 30° 44 G8HSE YN25j 52a 52a 30°
 17 G4R ZL6d 52a 52a 40° 47 E16AB WN19d 54a 52a 25°
 20 G4ILW ZK90j 52a 52a 40° 1913 G4RTH AN21j 52a 53a 30°
 21 02ICLL GP23c 52a 52a 40° 28 G3JDBH YN76h 52a 52a 30°
 25 G4DOX YL29e 52a 55a 30° 30 G3DPP ZN70c 32a 35a 40°
 28 G188XC X032a 52a 53a 10° 33 G3DPP W044d 32a 33a 35°
 30 GM3JW YL45h 52a 57a 25° 35 G1ARS W044d 32a 33a 30°
 33 G3LTF AL11d 53a 54a 50° 41 G3ARY ZN74d 32a 33a 25°
 38 G3HRD ZN77h 52a 55a 40° 45 G1CTK ZN74d 32a 33a 25°
 51 G4RHH ZL39a 52a 53a 40° 47 E1CTA YN14a 32a 37a 15°
 55 PA3BBI CM53a 55a 56a 40° 49 E1CTA YN60d 32a 37a 15°
 58 G50D ZL58a 53a 53a 40° 54 G1SSJ X031j 52a 43a 15°
 mci pr info, cher Philippe

G3CHN (YK61b) wkd via Aurora on 144 MHz in CW:

810725
 1350 SM5FRH HT80f 57a 55a 30° 1425 DL1CF EN70d 55a 55a 40°
 51 PAJAE CM27j 56a 56a 30° 36 ISHBG FD25j 55a 55a 40°
 54 DJ3CZ DL71a 57a 57a 30° 39 DL4FAR FT24a 59a 55a 40°
 1404 OH2BBF LT15b 55a 55a 40° 41 HG6VJ JH20c 57a 57a 40°
 23 PA3BMB CM28a 59a 59a 40° 42 LZ2XB1 LT54c 55a 55a 60°
 +QRB 1993km. Z QRB 2152 km, new Aurora record???

3CHN (YK61b) contd.

810725 1800 DF8JZ DL11e 54a 54a 40°
 1447 SP8QA IK30j 55a 55a 60° 14 PA3BE/A YN76b 52a 53a 40°
 51 G3ILO/m AL22d 57a 58a 60° 16 SP2RFP CL36d 52a 53a 40°
 53 G3ITV AL22d 57a 58a 60° 17 PA3RFP CM72b 52a 53a 40°
 1523 OK3BY IH02a 55a 56a 50° 20 PA3RFP CM72b 52a 53a 40°
 28 OE3BA IH02a 55a 56a 50° 23 DF8JZ FL13c 57a 57a 40°
 47 DJ1X1/P DL23j 51a 52a 40° 24 DF8DO DL13b 57a 55a 40°
 55 PA8LOU CL44a 59a 59a 40° 26 DB8BAE EM13e 55a 55a 40°
 1609 OK2ET J13a 57a 57a 40° 29 G12FBN X022d 52a 55a 40°
 22 SP6BTE IK30j 51a ? 40° 30 DL5BA DN20c 59a 59a 40°
 tks fer info, dr Roger

G4CO (YL38F) wkd via Aurora on 144 MHz in CW:

810926

1808-1845 hrd GM4ILS, GNMCS, GM4IRK, GM3UJ, GM4BYF, GM4IAO,
 GM4COK, all QTF 25°.

811010 1814-1823 hrd only GM4ILS 30° 1951-1953 weak sigs hrd 40°

811011

1453-1715 hrd GM4BYF, GM4JLY, GM4EZJ, GM4COK, GM4ILS, GM3JLL,
 GM4FEJ, GM4JXN, GM3LTK, GM4IRK, QTF 35-40°.

811014

2252-2255 hrd only GM4JLY 20°

811020

2259-2310 hrd GM4BYF, GM4ILS, GM4IRK, GM4FEJ, G13JLT 35°
 2332-2337 hrd only GM4ILS 30°

811022

1911 DL4HJ FN05f 53a 53a 55° 1933 DK3FW EN69b 54a 51a 55°
 17 GBEVR AL42e 54a 59a 55° 40 P04HB CL34a 54a 55a 55°

2138 G3C0J ZL37a 54a 53a 45° 2144 DL3YE ? 52a ? 50°

811023

0000 P04WM CM63b 57a 55a 0° 0009 DJ9YE EN14a 59a 55a 60°
 hrd GM4IRK YP 2 curtains 25° & 60° YR24e 56a 54a 25°

811111

1809 GM3ZXE YQ35e 56a 56a 35° 1856 GM4COK YP44b 54a 52a 35°
 22 GM4BYF YP04d 55a 55a 35° 1904 GM4JXN XP99e 59a 55a 35°
 38 GM4JLL YQ73h 54a 55a 35° 11 GM4FEJ YQ38e 55a 53a 35°

hrd GM4JLY, GM4IAO, GM4IRK.

811114

1705-1709 hrd GM5FM? 30° 1728 GM4IAO YR47h 52a 51a 30°
 820131 1456 GM4IRK YP05h 53a 52a 5° 1449 GNMCS YQ73c 52a 52a 40°
 1456 GM4IRK YP05h 53a 52a 5° 1720 GM4ILS YR24e 55a 53a 20°

hrd GM3JLL, GM4B0Z, GM4FEJ, GM4CXM QTF 5-25°

820201

1822 GM4HJ YQ73h 56a 56a 25° 1844 GM3LDH YN76e 56a 55a 60°
 29 GM3JLL WS69c 59a 56a 25° 1915 SM4VE HT86d 59a 58a 25°
 41 G4DEZ AL35f 52a 57a 60° 36 024AV E017a 56a 55a 50°

G4IGO (YL38f) contd.

820201
2026 GM4CXM XR09 53a 53a 25°
hrd GM3WML, GM4JJJ, GM8BDY, G3UNU, G4DEZ, GM4JJJ, GM4NSO, GM32XE,
GM3XOQ, G14GV5, G3BW, PA0CIS, G4DSC, G4DEZ, GM3WCS, G3URR,
G4ASR, GM3LDH.
820204
2140-2157 hrd GM3WCS, GM4BYF, GM4JJJ, GM32XE QTF 20-25°
820205
2301 GM4ILS YR24e 54a 52a 20° 2317 SM4VE HT68d 52a 42a 20°
tks fer info, dr Ken

GM4CXM (XP096) wk'd via Aurora on 144 MHz in CW:

811019 2234 GM4IAO 52a 51a YR67E
811020
1638 ON7RB BL80E 52a 53a
41 DF10H EM57J 41a 51a
43 021DOQ GR34h 55a 54a
45 PA3BRS CM70C 57a 52a
47 DF7DJ DL39a 56a 56a
49 DF1ET DL44h 58a 55a
811022
2132 DF7KF DK04e 52a 52a
811111
1901 GM3XYX XLA0b 53a 55a
03 G3VIE ZN4J 53a 53a
04 G4ICG YL38f 55a 55a
06 G4KJY ZN3a 57a 57a
07 G4KJY YR60h 55a 56a
11 G3IIV ZM68 51a 52a
ZL07h 55a 56a
820201
1852 DL5QC DM59d 55a 55a
58 ON7RB BL80E 59a 59a
1901 ON6UC BL79d 58a 59a
03 DL1CF EM70d 58a 55a
05 Y33FC FM68e 55a 54a
07 DF7KF DK04e 59a 55a
09 PA3BLS CM55a 53a 55a
11 F6DNC BJ41J 57a 59a
12 PA3AON FM21a 53a 58a
14 023GV FQ21a 53a 58a
16 SM4JX GP36h 53a 55a
18 SM4JX JT51b 54a 56a
21 F6EJU BK26f 57a 55a
23 DF9CR DM70f 53a 55a
27 DF1CF CM46a 59a 53a
31 DL5FYX EK75J 52a 52a
37 G3FYX YL38e 55a 53a
1939 PA0RIF CL34b 55a 57a
41 G4NHR YH62c 52a 56a
42 F6AET ZH37b 52a 56a
45 PA0OS/A DN62c 52a 56a
53 G4JXKA ZL10h 52a 52a S
2002 G3MNG ZL22f 55a 55a
04 F6CCT BL19J 55a 58a
06 F6EQU YL19J 55a 58a
10 ON5CF CM35h 53a 55a
11 G4ANT KX27e 52a 52a
12 F6AGT BL19J 57a 57a
18 G3HNV AR04f 54a 55a
21 G3ZNV ZL40a 51a 55a
23 G4ISR ZL39a 53a 53a
24 G4ISR YH76d 52a 52a
25 G4LCO YL38e 53a 53a

GM4CXM (XP096) contd.

820201
2026 G4MEJ ZH67e 51a 51a
48 GM3WML XQ15J 57a 54a S
51 GM6CFN XH08 59a 59a S
58 GM6ALC XQ77e 55a 53a S
2114 PA2VV CM24J 56a 53a
21 GM3LDH YN76e 55a 53a
820206
1625 SH4GVF HT76a 55a 55a
36 G4ASR YN76d 52a 52a
47 LA5IH CU47J 55a 53a S
55 G6DDX Z0 52a 52a S
55 G6BHH YH40a 58a 58a S
820210
1512 ON4YZ CR23e 53a 53a
1600 G3UNU ZM04C 58a 58a
04 SM7WT GP27C 55a 56a
06 021FTU GP23h 52a 53a
48 F6DNC/P BJ41J 53a 53a
50 DF51T DL35e 54a 55a
1705 DD3XF DK41b 55a 54a S
820211
1512 SR7JD IR14f 54a 55a
19 DL4EB DL658 52a 52a
21 FA3AU CM73C 53a 55a
22 FA3BE CM73C 53a 55a
820213
1736 DJ9BY EN40C 55a 52a
38 PA0RDY CM55e 58a 57a
40 DF1ET DL47h 53a 53a
42 ON5EX BK09h 55a 55a
44 ON6AT BL79J 52a 52a
45 ON7RB BL80E 57a 57a
49 DF9CT EL07e 52a 52a
51 DJ3IE EN15a 32a 52a
52 DF8BD EN15a 32a 52a
53 DJ1E2 EI10d 57a 56a
1756 0260L FP50e 56a 53a
59 PA0BLD CM55J 55a 55a
1802 ON4XG CL79J 53a 53a
05 HB90Q EH47e 54a 52a
2001 F6R0Z EL11C 52a 52a
09 G4HDE YL19b 55a 55a
11 F6EQU ZL15d 41a 53a
12 G4ISR YH76d 53a 53a
25 PA0RIF CR10e 55a 55a
37 LA0BM EU39e 54a 55a
tks fer info, dr Ray

1A8AK (DS08b) wk'd via Aurora on 144 MHz in CW:

Jan Martin gives a report only of especially selected QSOs, to inform abt actual condx.
810902
1606 OH2BEC MU64f 53a 55a
810918
2305 SP2TL HM27h 53a 59a
181007
1732 UR2RDR NS68f 59a 55a
36 UR2RDR NT61c 56a 55a
49 SM3LQV IV52c 55a 55a
1755 OH3CQ NV35c 53a 55a
59 SM3ICU NV35c 53a 55a
1803 OH51W NU36J 42a 56a

LASAK (DS98b) contd.

811011 MU231 53a 53a 1451 SP6FTN IL53c 55a 59a
0133 OH3MF ES561 55a 57a 55 OKIRK/P HJ06c 55a 55a
45 LAIAL J5561 55a 55a 1506 OK2EFH/P JJ33c 42a 55a
1228 SM31ZB HY59e 55a 55a 12 UC2ABZ NN18c 55a 56a
40 SM31ZB HY59e 55a 55a 20 PA3AIX CK10b 43a 51a
1317 SM3JAN JX561 55a 55a 35 UR2QJ NS73a 56a 57a
34 UP2BJB LP06d 55a 55a 45 33 UR2QJ NS73a 56a 57a
37 UR2R1L LS02d 55a 55a 36 UR2RQ NT61c 56a 56a
37 OH3FA KM66a 55a 44a 45 1614 G31TF AL11d 55a 45a
1424 SP2DX J043c 55a 55a 17 G3POI AL51e 56a 58a
811020 2114 G4JZE AL12g 54a 53a 315° 2116 G4DBZ AL35e 44a 41a 315°
811022 1822 OKIRK/P HJ06c 53a 59a 90°
811111 1745 UA2EAY KO13f 54a 57a 90°
1710 OH3SE LV50h 53a 56a 90° 1835 G2CIW AL53a 52a 56a 90°
14 UR2QA NS73a 54a 57a 90° 57 G3POI AL51g 54a 54a 90°
811114 1710 G3UNU 2N04c 53a 41a 1714 UP2BJB LP06d 55a 55a
tks fer info, dr Jan-Martin

OEIRKU (I163f) wkd via Aurora on 144 MHz in SSB:

810725 1501 DB3LO F0518 56a 59a
1412 PA0XMA DM44h 59a 59a 03 OZ2PN F0628 56a 59a
21 SM6JWH Q026g 59a 59a 05 DD7HE FN24c 56a 55a
37 G8FQO AN76c 59a 59a 11 OZ2OE EP10f 53a 59a
53 OZ2CG GP24f 57a 56a 24 SM7PEU GP12d 53a 53a
57 DD2HG FN14b 56a 56a 56 SM7EML HQ73j 57a 57a
QTF? tks fer info, dr Robert

OE3NDA (I152j) wkd via Aurora on 144 MHz in SSB:

811020 1830-1910 YU7PYE (KF) 57a 57a, G6FBO (YN) 55a 55a, G8HHH (YM) 55a
55a, QTF 300-320°.
hnd (in CW) OZ, SM.
tks fer info, dr Norbert

OE3JHC (HI27j) hnd: 811020 G81YG (YN)
OE5XEL (HI42f) wkd OZ, SM, DL in CW.

OH5-148 (NU37e) hnd via Aurora on 144 MHz:

820211 2345-2357 SK7VHF, SK1VHF, OZ71GY, Y41B, DL0PR, PA3AOU, GM32XE.

OH5-148 (NU37e) contd.

820212 0000-0044 PA0RDY, DL3YE/A, DF10H, PA2VST, G4ERC, DJ9BV
At 0100 hnd only between DL0PR 52a. DKJ3Z, OH4ZM (YS) & GM4IP/A.
At the same weekend hnd also DF10Q, HD31Z, GM4ZEH (YS) & GM4IP/A.
tks fer info, dr Jussi (OH5LK)

OK1IDK wkd via Aurora on 144 MHz in CW:
from GJ27b (QTH) 811022 1340 hnd UR2R1W
wkd wtd 5N: 1346 SM6LHN GQ25c 55a 55a

then Milan QSYed to /p in GJ28h
811022 1605 SM66EK GQ25b 55a 53a 0°
1529 SM1BSA 008 SM7BT XE04c 37a 59a 30°
33 OZ1DIO GP14h 52a 55a 0° 12 CM3TBT GR24j 32a 52a 33°
40 SM7VYB HO30h 55a 55a 0° 33 SM66HD GR24j 32a 52a 33°
42 OZ33W FO18e 52a 55a 0° 57 SM66KX K017e 32a 52a 13°
55 SM7FMD HR25e 55a 57a 0° 57 SM66FA FO17e 32a 52a 13°
57 SM66FD GQ25c 55a 57a 0° 25 OZ1EYX GQ33h 53a 54a 10°
59 SM7LSU HR50b 55a 57a 0°
tks fer info, dr Milan

OZ2ZW (FO18e) wkd via Aurora on 144 MHz in CW:

820118 2154 LAIAL EX561 57a 53a 10° 2155 OH5LK NU37g 53a 53a 10°
820131 1439 LA9VX ? 55a 55a 30°
1354 OH3OZ MU24h 52a 55a 30° Y073a 53a 57a 30°
56 LA8U PT05h 55a 55a 30° 57 CM2BKS Y073a 53a 57a 30°
1403 OH2BJM LT08a 55a 55a 30° 1504 LA51H CU67f 52a 52a 34°
15 LA6QBP/P ES06e 57a 55a 30° 43 SM66RN JI771h 52a 55a 45°
24 LA6CU CU47j 58a 58a 30° 53 OH51Y NU03g 55a 57a 5°
33 SM66EM JI51d 55a 55a 30° 1808 GM3WCS Y073a 55a 55a

820201 1744 SM5IDM HT79f 51a 51a 40° 1848 OH2BDF MU65a 57a 57a 15°
1605 LA51H CU47j 55a 55a 40° 56 OH3DF LU181 52a 55a 25°
13 OZ2ELO KQ48b 57a 59a 45° 1902 UA3HBZ SS78e 57a 59a 45°
24 OZ1EYX EF49f 57a 59a 30° 05 G41YA AL43i 53a 55a 10°
56 LA8U PT05h 55a 55a 30° 28 RA3JYR KR52f 52a 55a 45°
33 SM6XU LC34h 59a 59a 30° 27 SM1AN AT11d 52a 52a 15°
40 G3UNU 2N04h 55a 55a 15° 27 SM1AN AT11d 52a 52a 15°
44 CM3LDH YN76g 51a 52a 15° 56 SM3AZV JI79d 51a 41a 40°
820204 2333 SM3VA CT47a 55a 57a 0°
2120 SM4COK HT56c 55a 53a 350° 41 LA6ZW ET29b 57a 55a 340°
2327 SM0ER IT59f 51a 54a 350° 55 SM0HAX JI51b 55a 55a 340°
820205 0001 SM41V 57a 340° +ODX

820206 1653 GM3WCS Y063g 57a 57a 0° 1703 UR2AO MT55h 55a 55a 0°
55 OH3RU MU14d 55a 56a 0° 06 SM3DU LU07g 53a 53a 0°
1700 LA1K FX43c 53a 53a 0° 18 SM4ESA HU47h 53a 53a 0°

0232W (F018e) contd.

820206 HT69 55a 58a 45° 1752 Y211F HL122 55a 55a 45°
 1723 SM4JEV MT44 55a 55a 45° 56 OH17 ? 51a ? 60°
 36 UR2RCM ET298 55a 55a 45° 1802 LAITV ET298 53a 55a 35°
 39 SM08PO HO30a 55a 57a 45° 05 UR2RNM LS05c 53a 55a 35°
 45 SM75RQ IT19b 55a 55a 45° 37 LA3BQ FU17j 57a 55a 15°
 47 SM55RQ

cks fer info, dr Torben

FA06KID (DN64h) wk'd via Aurora on 144 MHz in CW:

811014 2235-2245 hrd GM4COK, GM3MCS, GM4BYF, 0244V, DK1KO.
 811020 1657 G4HBA ZN12a 58a 55a 60° 1907 CT3XVY X01g 53a 56a 290°
 1714 GM4IFR TF05h 57a 41a 35° 11 BT20N DN54b 55a 55a 280°
 19 LA3VU CU47j 52a 52a 35° 20 CT3EA DK86 52a 55a 290°
 22 GM4JLJ XQ3h 52a 52a 30° 30 BT20N ZN31b 56a 58a 290°
 33 GM4KJ YH8h 52a 55a 40° 30 DP1C LM55d 55a 55a 270°
 36 E19N LM65d 52a 52a 30° 40 PA3BKL CL15c 52a 52a 290°
 1802 GM3XNY XL10d 54a 56a 30° 2302 SM0EY IT69h 53a 55a 350°
 41 GM3JDH XN76 53a 54a 30° 05 021FTU GP23h 52a 55a 350°
 41 GM3JFC XR30b 58a 56a 09 02110Q EP43h 53a 55a 350°

++ no rpt rcvd. E19Q cld only to say he was beaming West!!!

811022 1700 UR2RQT MS80e 54a 57a 30° 2116 UP2BJB LP06d 55a 55a 20°
 811111 1730 L662N ET298 55a 54a 30° 1830 SM5DFP IS31c 54a 55a 340°
 1730 SM0CCL JT62d 54a 53a 30° 2052 LA5IH CU47j 55a 55a 150°
 1815 LA85J FT05j 56a 56a 00 2104 SM4IYE HT68d 57a 56a 345°
 22 OH2BDF LT15b 55a 55a 350° 25 LA3VU FT11d 56a 54a 0°
 811114 1650 LA6CU CU47j 53a 53a 50° 1659 LA3SU FT12g 56a 57a 20°
 57 LA6QBA FT05c 53a 57a 10° 23 SM5BZ FU62j 52a 53a 350°
 811115 0000 GM4JEJ ee 0007 SP5CIC/SM0 hrd QTF 0° IT40a 53a 42a 350°

0000 GM4JEJ ee 0007 SP5CIC/SM0 hrd QTF 0°

811117 1652 LA3SU FT12g 52a 43a 10° 1727 SM6ESH CS23g 55a 55a 20°
 hrd SKAMP, LASHI, LA6QBA, LAITI, SM5IDM, LA85J, LA8AE, LA9PF,
 LAITV, SM4IMV, LA2DH, SM4VA, 0244V, LA2HC, OH0N, OH2BDF.
 811123 1708 LA5ST FT04c 54a 53a 10° 1729 LA3SU FT12g 57a 57a 10°
 14 L122 ET298 57a 57a 10° 33 SM0FZH IT50f 55a 55a 10°
 28 SM6DUC FS47g 52a 52a 10° 45 LA6BC FT78h 42a 5491350°

rpt 54g given by mistake?
 cks fer info, dr Paul

A plea to our contributors: Please make your reports on A4 sized sheets, if possible in typewriting and use one side only.

FA06RDY (CM45e) wk'd via Aurora on 144 MHz in CW (Q02h 1000km) (& rare ones only)

810723 1647 SM0FEO IT79j 55a 55a 0° 1656 OH0JN KU71a 52a 53a 10°

810726 0247 OH5LK NU37g 53a 57a 20° 0254 OH6NT M669 57a 59a 20°
 30 SH3DIX IT63b 58a 58a 20° 55 OH6NV M669 57a 59a 20°
 32 SH3COL IW06i 57a 57a 20° 0343 SK7JD IR14f 53a 53a 35°

Unfortunately missed the best part 25/26 July event. This tremendous opening ended here shortly after 0400. When the Air faded out a clear T9 signal with lots of MS on it was heard from SM3AKX & SM3COL, both in IW. Both stations were contacted and peaked 15dB/noise; QRB abt. 1400km. Probably via E-layer; did anyone else hear something similar?

810805 2255 SM3AKX IW30e 53a 56a 30° 2306 SM0HAX JT51b 53a 55a 15°
 810926 1737 OH2BDF LT15b 54a 56a 15° 1758 SM5CHV IT18g 52a 55a 20°
 811011 1614 OH0JN KU71j 58a 59a 10° 1636 SM5CHV IT18g 53a 55a 10°
 32 OH2BDF LT15b 54a 56a 39 LA3BQ FU17j 41a 53a 50°

811020 1835 SM0HAX JT51b 55a 55a 35° 2102 RA3YCR RN52f 52a hrd 45°
 2054 UC2ABN NN18e 56a 58a 45° 2259 SM4DJ0 HU39a 53a 55a 45°
 811022 1528 UR2EO NT61c 55a 55a 45° 1633 UA3LBO Q021h 52a 52a 45°
 1555 UR2BDR LP29b 33a ? 45° 1747 UR2RQT MS80e 52a 55a 25°

cks fer info, dr Rob

FA06WVW (CM630e) wk'd via Aurora on 144 MHz in CW:

810823 1527 SM0HAX JT51c 54a 53a 350°
 810926 1735-1845 LA, CM, SMS/5 0°

811011 1643-1710 SM, CM 0° 811014 2230-2230 CM 25°
 811020 1814 E19BG VY27c 57a 55a 30° 2252 CM4IIS YR24e 56a 57a 0°
 hrd GM. VY27c 57a 55a 30° 2257 SM0EY IT69h 52a 51a 0°

811022 1643 GM4LPG YR61f 55a 52a 30° 821023 YL38f 57a 55a 0°
 811024 1630-1640 LA 0° 1800-1915 LA, SMS 330°

811123 1745 SM7GEP GR24e 55a 55a 340°

cks fer info, dr Wim

PA2REH (CM54b) wk'd via Aurora on 144 MHz in CW:

810305		1725	EL6AS	WN59	56a	59a
1629 DF7DO	DL30b	55a	55a			
39 G1RXY	NO18a	55a	55a	29	SM6AEK	GQ25b 54a 55a
47 G3JOM/A	CS52a	52a	52a	32	G4JJB	Z034d 57a 57a
57 G3JIC	Z004d	54a	55a	43	URKRTJ	MS80a 52a 55a
1703 LA8R	FT33a	53a	55a	55	SWDLZ	1053b 56a 55a
09 G3JFC	XA30b	53a	55a	1814	OZSNM	FP34h 55a 55a
17 G3JM	Y033b	46a	59a	20	GM4CONK	Y040b 53a 55a
810528	1650 GM4EJ	Y038g	55a 55a	30	GM3NNP	XX49f 54a 55a
810723		1540	OZ1GAX	EQ54h	57a	55a
1515 OZ1DJ	GP22b	55a	55a	47	G3BRA	YP20d 55a 55a
34 LA8TP	FT71b	53a	55a	1700	LA8AK	DS80b 53a 55a
38 SM6EOC	XO34g	55a	55a	31	E1ZCA	WN10a 52a 55a
	QO25f	56a	55a	45	G8VH	ZN75e 57a 57a
810725		1556	G5ADZF	YM00g	55a	55a
1513 OE8X1/9	EG10b	56a	55a	1609	CA8RA	ZN12g 55a 55a
16 PA8HP	CL34b	59a	59a	36	G4GCT/P	AN21j 55a 55a
17 GM4EJZ	YP05c	58a	59a	1701	SM6FS	JT71j 45a 55a

PA2REH/LA (DR) wk'd via Aurora on 144 MHz in CW:

810807		1807	SM6FSS	JT	55a	52a
1805 LA5IH	CU	55a	55a	10°		
			tk's agn, dr Eric			

PA3AOU (DN63g) wk'd via Aurora on 144 MHz in CW:

811014		2230	GM4COK	YP04b	55a	52a
2218 LA7RK	FU62j	52a	53a	34	OZ1PRT	GP22b 52a 55a
2220 LA8SJ	FT05j	59a	58a	40	SM6AK	QO25b 54a 55a
26 OZ4VU	EQ17a	57a	57a			

due to the heavy QSB vy difficult to give QTF, my estimate is 10°-45°.

h'd LA5IH, LA6QBA.

This Ar showed a very strong QSB. During my QSO with LA7RK the Doppler shift was quite noticeable (abt 1kHz/sec.)

Mudon reported A-index 811012 = 10, 811013 = 22, 811014 = 441 (QTR 1200)

WMA A-index 811014 (2400) = 37, 811013 MagStorm SSC at 2240

Increased solar activity; several flares & increased proton activity e.g. 811013 1130 840protons/cm sec str.

PA3AOU (DN63g) contd.

811020		1628	SM6CNU	FR30b	54a	56a
1455 DF5JT	DL35h	53a	55a	50°	1716	PA0GSL
1504 UR2RTJ	NS80e	58a	59a	10°	31	GM3NY
09 KR2ETJ	NT17a	55a	55a	10°	40	E19Q
14 SH5X	IT13a	57a	55a	10°	46	G3URU
20 LA5XN	CU46c	53a	55a	10°	1800	D19TE
32 G4HVC	HL48h	32a	56a	10°	06	G4HVC
26 SM6FXY	HT66d	32a	55a	10°	54	LA2D
1610 SM6HJ	J121b	36a	56a	30°	50	LA8ST
23 SM4KLU	HT76b	30a	56a	30°	1809	PA0FED
					2330	LA9T

h'd UR2EQ, F6DWG, G13HXV, DF1CF.

Mudon A-index 811019 1200 = 21

811020 1200 = 38

WMA A-index 811020 2400 = 41

811022		1420	SK0LH	IT60c	55a	57a
1306 SW7GCU	HS75c	57a	57a	10°	33	SK0LH
09 SM4LEK	GT57e	52a	53a	10°	55	G4HRS
15 OZ1FCP	EQ68a	58a	58a	25°	1500	O14LC
17 SW7IPZ	HQ74j	59a	55a	30°	29	DF5HC
19 OZ1ASL	FO18c	57a	59a	30°	31	G3XVC
27 SW7EBB	HQ30a	55a	56a	20°	35	VA31BO
28 G4CXL	ZN71f	51a	51a	10°	40	Y32EA
30 DK1KR	EN04E	52a	55a	45°	1630	OH2EBF
40 SM6LME	EN57j	58a	55a	40°	37	G14EKA
45 DF5HC	GN22d	57a	57a	40°	45	OH2EBF
49 SW7HTH	HQ71e	53a	57a	20°	55	GM3XOQ
35 SW7ESA	JR22e	55a	55a	20°	11	LA2HC
1412 1225A	GN08b	52a	41a	50°	27	F6DWG

h'd OZ1FCP, PA0GSL, UR2RTJ, UC2ABT, UR2CZ, DF3RU, UC4BAN.

811024		1626	LA5IH	CU47j	53a	52a
1616 LA7RK	FU62j	55a	53a	350°	2225	LA8SJ
811111		1813	LA8SJ	FT05j	54a	56a
1752 SM6DLY	GR52j	52a	52a	0°	22	OH2EBF
811114		1724	SM5KZ	IT40a	55a	55a
1650 LA6QBA	FT05c	51a	h'd	0°	2350	SM4CFL
811117		1730	SM6ESW	GS23j	51a	52a
1633 LA8SJ	FT05j	57a	57a	345°	45	LA6QBA
39 SM6CCO	HS33j	53a	55a	10°	56	LA8AE

h'd OH2UN

811118 1324 h'd LA8SJ 10° 811121 2225 h'd SM6AEN

tk's fer info, dr Harry

PE1DGF (G102a) wk'd via Aurora on 144 MHz in SSR:

810305	GM6AKA	YP41e	51a	54a	10°
--------	--------	-------	-----	-----	-----

PEIDDF (C102a) contd.

810723
GACLA 52a 59a 30°
G8TQ0 52a 59a 30°
811020
G8TMC 51a 56a 30°
tks for info

SMEAN (FR302) wk'd via Aurora on 144 MHz in CH: (only DX QSOs)

810725
1500 SPQING JK 57a 57a
SPGCSO JJ 57a 57a
SE3GCL IH 56a 59a
OK3BTH JQ 56a 59a
UQ2ABH JQ 56a 59a
DL2NAN FK 52a 59a
Y35XZ/P LJ 56a 59a
X37ZLC HL 57a 57a
RQ2GAC HQ 59a 57a
810726
0200 UA3MBJ SS 56a 57a
OH6NU MW 58a 59a
OH3LK NU 54a 56a
SP3AD KM 57a 57a
810823
1300 OH6NY KX 54a 55a
1400 OH6RY LX 54a 55a
G3501 AL 57a 57a
PA3AQH CL 57a 57a
1500 ON3QW BL 57a 57a
811011
1400 UR3RIV LS 55a 55a
820131
1500 UA3MBJ SS 54a 55a UA1MC PU 55a 57a UQ2GFZ NR 53a 53a
UQ2GFC KQ 54a 56a + OH, PA, DL.
820206 OK1DK/P GK 55a 52a +UR, UO, DL, Y2.
820210
1400 UA3LBO QO 56a 53a RQ2G8 LQ 55a 59a 1500 RQ2GCY LR 55a 59a
1600 UY2BFR LP 55a 55a UC2ABT NN 54a 57a OK2KR/P RJ 54a 58a
DL7QY FJ 55a 54a + mni PA, OH, U, DL, Y2.
On 820210 SK4MFI was QRT, mni ops didn't notice Ar first.
Beacons wid g'c Ar sigs LA1VHF .860 DL6PFR .910 SK7VHF .920
0271QY .930 SK1VHF .950 SK4MFI .960
QTF mostly 30° - 60°
Tks for info, dr Matt, but pse be more specific on QTR, QTF
and QTHL next time.

LA3LBO (0021b) wk'd via Aurora on 144 MHz in CH:

811110
1250 UA1MC PT37 55a 57a 30° 1453 SM4CCK HT56C 57a 57a 20°
0305 OH5NM OV47a 52a 57a 30° 0535 SM4LVE HT68D 57a 57a 20°
36 UR2ZQ NT1C 52a 59a 30° 1523 SM3BET JUT12C 59a 59a 25°
1320 OH35X HU16b 52a 53a 30° 29 SM3IDM HTT0T 53a 57a 20°
21 OH45T HU23j 52a 53a 30° 40 OH28B1 LK40C 53a 57a 20°
21 OH45T HU23j 52a 57a 30° 46 SM4LVE JUT31b 52a 56a 30°
1409 SM5DFF UT17a 52a 57a 30° 50 UH1AAS JUT33a 52a 59a 10°
28 OH7Z1 TS31a 52a 57a 30° 1600 UH1AAS JUT33a 52a 59a 10°
36 OH7Z1 TS31a 52a 57a 30° 1600 UH1AAS JUT33a 52a 59a 10°
41 OH30Z HU60a 55a 54a 20° 12 OH17N/4 SC20E 53a 53a 20°
MU24b 55a 59a 20° 25 SM5FRH UT13a 54a 57a 10°

811020
1519 SM4LVE UT68d 59a 59a 0° 1557 SM7RHU HR50h 53a 57a 0°
20 SM4KVM HT56d 55a 55a 0° 1601 OH2BAQ MU56a 55a 59a 0°
22 SM7GMU HS75c 55a 56a 0° 10 UR2EQ NT61c 59a 59a 0°
30 OH33Y MU09j 55a 59a 0° 20 SM4EXR HT578 59a 57a 0°
36 OH33Y MU24b 55a 59a 30° 31 SM4LVE HT68d 59a 59a 0°
36 UR2ZQ HU17a 52a 57a 30° 1700 SM0HAX JUT51b 52a 56a 0°
36 SM5KX IT33a 59a 56a 0° 08 OH2BL MU56e 59a 59a 0°
811022
1333 OH2BGD MU55f 57a 57a 30° 1553 DL6DAE EL23f 51a 51a 330°
40 SM4DJO HU39a 55a 59a 0° 1600 PA3AQN DM33j 55a 55a 330°
41 UK2RDT MT45a 59a 59a 10° 05 DK3U2 EN70C 55a 55a 330°
44 OH4NF MU15a 52a 59a 10° 08 Y3FCG FM698 52a 55a 330°
44 OH2RK HU17e 59a 59a 10° 21 O29FX GR31b 55a 55a 330°
50 SM5IDM HT79f 59a 59a 0° 29 DK3XT FN31h 55a 54a 330°
55 OH4UC NV17a 59a 59a 0° 34 PA0RDY CM45e 52a 52a 330°
58 UR2RNM LS05c 59a 59a 40° 37 DK2FR EN768 51a 52a 330°
1401 UA9GL CR02h 52a 58a 40° 43 DK3FX EM69b 52a 52a 330°
40 UR2RQ NT61c 59a 59a 40° 56 RT2EPD MP61f 55a 55a 330°
42 OH33Y MU09j 59a 59a 40° 1700 DJ9BY EN40C 55a 55a 330°
42 OH41K OM43e 58a 59a 40° 12 DK3U2 EN40C 55a 55a 330°
42 OH41K OM43e 58a 59a 40° 24 O29FX EN66e 52a 56a 330°
1503 O29FX CR31e 58a 59a 330° 33 NO2C16 EN70C 55a 55a 330°
28 UA4UK V076e 55a 59a 330° 30 RT2EPD N878d 52a 55a 330°
34 PD0TF CR10G 58a 59a 330° 1805 NO2C16 N878d 52a 55a 330°
34 DJ9YE EN14a 59a 59a 330° 10 RA3YCR RN52F 55a 56a 330°
35 PA3MOJ DN63r 55a 59a 330° 12 RB5JGX RN52F 55a 56a 330°
46 DJ9HC DL25a 55a 57a 330° 13 UR2BFR LP30b 55a 57a 330°
46 DF5HC FN22a 55a 55a 330° 18 PA0PDE DN64a 57a 57a 330°
811114
1651 SM4GVF HT76a 59a 59a 0° 1709 SM4LVE/4 HT68d 59a 59a 0°
36 OH2BFF LT15b 59a 59a 0° 18 UA3T0F WQ14a 59a 59a 0°
811123
1548 SM4KVM HT66d 55a 55a 340° 1632 OH6S1 MU70h 55a 58a 340°
58 RA1MD PT12h 55a 59a 340° 39 SM4DFA IS21c 52a 59a 340°
1601 LA4VB FT13h 55a 57a 340° 39 OH4YV OM43e 53a 59a 340°
04 OH2S0A LU70G 52a 55a 340° 41 SM4EXR IT188 57a 57a 340°
05 OH520A OV47b 59a 59a 340° 46 SM4LVE HT68d 57a 57a 340°
HT51j 52a 52a 340° 58 UR201 EN17a 57a 57a 330°
17 SM4KVP HT51j 52a 52a 340° 59 O24VY EQ17a 55a 57a 320°
HT76b 53a 52a 340° 1701 O210R EQ788 55a 55a 320°
NV17a 55a 55a 340° -05 UA1MC PT33f 55a 57a 320°
21 OH45C OV64j 55a 57a 340° 20 UQ2C10 KQ998 55a 55a 310°
27 UR2REX MT57c 51a 57a 340°
30 OH2CB MU55f 59a 59a 340° 24 UR2B1B LP66d 59a 59a 310°

UA3BDO (Q021b) contd.

811212
1435 SMACVF HT76a 55a 55a 0° 1453 SMOHAX JT51b 53a 53a 0°
45 SHAIYE HT68d 51a 52a 0° 55 SH7FJE G056b 53a 55a 0°

сачињено за инфо др Бангочај!

UA3TCE (N014a) wrd via Aurora on 144 MHz in CW:

810918
2013 OHS1LV NU36j 55a 58a 350° 2130 UA1ASA PU78e 59a 59a 0°
11 OHS1K NU37e 55a 59a 350° 47 SHAIYE HT68d 57a 57a 325°
44 UA3DMC T071e 55a 57a 350° 55 SMACVF IM35e 54a 54a 335°
57 RA3JCS SP19e 55a 55a 330° 58 SMOHAX KA12g 52a 54a 350°
2103 UA3SAR UO 53a 54a 330° 2201 SH7FJE HT68e 56a 55a 325°
810926
1447 UA1MNC PU73f 53a 55a 0° 1457 RA9FZB CR46d 55a 56a 10°
49 OHS1K NU37g 56a 56a 0° 2256 OHS1K NU37h 58a 58a 0°
811003
1343 OH4UC NV17a 59a 57a 350° 1425 UA9GL CR02h 58a 59a 0°
50 UA1MNC PU73f 59a 57a 10° 28 RA9FZB CR46d 55a 56a 10°
1409 OH71L NV66d 59a 59a 0° 31 OHS1K NU37g 55a 57a 0°
25 UA3HBJ 5878e 53a 59a 20° 1646 OHS1K NU37g 52a 52a 0°
811011
1127 UA1MNC PU73f 59a 57a 10° 1301 OHSBM OVA7a 58a 58a 0°
52 UA3MJD 5878e 59a 57a 30° 03 RA9FZB CR46d 59a 58a 10°
54 UA9FAD CR02j 59a 59a 20° 35 UK3MAV TS75f 57a 57a 30°
1205 UA9GCV EQ14e 53a 55a 40° 1407 UA9FZB CT55f 53a 58a 30°
17 UA4MDT YS 57a 57a 30° 10 OHS1K NU37g 59a 59a 0°
20 RA1AT5 PT22d 56a 55a 10° 23 OH7RI NM09f 59a 59a 10°
27 UA4MDW YS60d 59a 59a 40° 32 UA1ASA PU73g 59a 59a 10°
40 UR2EQ NT61c 59a 57a 350° 1452 UA9FZB CT46e 53a 58a 30°
811024
1556 RA3JSDH VQ 57a 59a 330° 1602 UR2BIB LP66a 56a 56a 320°
1601 UQ2XN MK3f 53a 58a 350° 45 UA3DMC IQ71c 54a 57a 310°
811107
1206 OHS1K NU37e 59a 59a 0° 1238 UA9FAD CR02j 58a 59a 20°
12 UA9GL CR02h 59a 59a 10° 1318 UA1ASA PU73g 59a 59a 10°
23 UK4BYE YT 52a B 51 OH4DE NV00a 51a 55a 0°
27 UA9F1G CT55f 56a 58a 20° 58 UK4MT YS29a 51a 55a 0°
811114
1355 UA9CQT ES51a 52a 57a 20° 1429 OH32S MU17b 59a 59a 0°
1409 RA9FZB BR09a 56a 54a 30° 10 SMOHAX KA12g 55a 53a 300°
12 UK4BYE YT 58a B 30° 13 SMACVF HT68e 55a 55a 330°
14 OHS1K NU37g 59a 59a 0° 15 UR2EQT MS80e 57a 57a 330°
22 UA9FAD CR02j 59a 59a 10° 36 OHS1K NU03d 57a 57a 350°
811212
1320 OH7EN/4 OV15h 59a 56a 0° 1400 UK4BYE YT 58a B 30°
22 OH3M/4 HU24b 58a 53a 0° 11 OHS1L OVA7b 59a 59a 40°
14 UA1ASA PU73h 58a 59a 10° 35 RA9FZB CR02j 59a 59a 40°
50 UK97DA CR02e 58a 59a 0° 37 UA4MDX PT22h 58a 57a 350°
IS 58a 57a 30°

UA3TCE (N014a) contd.

820116
1624 OH7HJ ON38f 42a 55a 0° 1912 UA4NDX YS66e 59a 59a 350°
29 UA4NDX YS68d 55a 55a 0° 15 UA4NDX YS 55a 57a 350°

сачињено за инфо др Анеци!

U02GLO (K042g) wrd via Aurora on 144 MHz in CW:

810723
1315 DZ2HC FN31b 55a 57a 350° 1350 RC2AX N014a 57a 59a 45°
26 DJ7KA FO21f 54a 55a 350° 14 DEXKO FN12h 59a 55a 30°
811011
1531 OH6PA KA47h 54a 54a 0° 1831 UA1MNC PU73f 57a 58a 20°
40 RA1AD5 PT22d 54a 55a 250° 1910 UA3MJD 5878e 55a 55a 20°
1621 UR2BIB LP66d 59a 59a 250° 13 OZ5NM FP34b 55a 55a 20°
1807 OH7PI NV66e 59a 59a 250° 41 SMOHAX GQ26g 55a 54a 20°

сачињено за инфо др Бангочај!

UR2GZC (MS04b) wrd via Aurora on 144 MHz in CW:

810918
2120 SM6CMU FR50b 55a 55a 2207 SM7MK HQ31c 55a 55a
2145 OHS1TA JVA2e 52a 51a 15 SMOHAX J044f 59a 59a
50 SM7AUI GP34j 53a 53a 20 DEXKO FN31a 55a 54a
55 OZ1DQY CP34h 53a 53a 20 DEXKO FN31a 55a 54a
2205 DK1KO FN12g 57a 57a 2325 OZ6OL ER95h 35a 35a
810926
1305 OH6CH NV01j 56a 59a 1309 OH2GCD NU55f 57a 59a

811003
1420 OH4YXA OH43e 59a 59a 1428 SMOHAX/HU05e 55a 55a
142a OH3BJ/6 M031j 57a 57a 32 SMOHAX IV32c 44a 55a
811011
1252 UR2BCE MP22b 55a 55a 1312 SMOHAX IT33a 57a 55a
55 UA3JHC T061c 57a 58a 1416 LA60BA FT05c 53a 53a
811022
1440 UK3BDA TR32j 58a 59a 1518 SMOHAX JN61f 56a 56a
1514 SPSBDA KM66b 55a 56a 45 DEXKO ER20e 52a 52a
QTF? cks fer info, dr Jean

Y22NE (HR53a) wrd via Aurora on 144 MHz in CW:

811011
1428 LABAE FT72h 54a 55a 15° 1508 LAB6W ET79e 55a 55a 10°
33 SM5NOC IT23a 52a 53a 10° 14 SMOHAX FR30f 56a 56a 10°
53 SM5AOC IU70a 55a 55a 10° 15 SMOHAX IT108 57a 57a 10°
57 SMOHAX IT59d 44a 59a 10° 17 SMOHAX JT71a 55a 55a 10°
1501 SM3KVM HT56d 56a 55a 10° 21 UR2EQ NT61h 55a 55a 10°
03 SM4CJU HT23a 57a 59a 10° 25 UR2EQT MS80e 55a 57a 10°

Y22NE (HM532) contd.

811011	EU36j 57a 55a	10°	1552 IAAEU	FU62j 52a 55a	10°
1535 LA9FY	HT31j 57a 58a	10°	58 LASST	FT06c 53a 55a	10°
39 SM4AIQ	YR24e 55a 54a	10°	58 SM4E8	HU48h 53a 56a	10°
40 GM4A11S	CU47j 54a 55a	10°	1602 SM4E8	CT46d 55a 55a	10°
47 LA6CU	51 OH0JN	10°	16 SHZFO	HT08e 57a 57a	10°
			33 OHZFO	HU05i 54a 55a	10°
811020	CU46c 57a 57a	10°	1602 SM4E8	JR22e 56a 57a	340°
1523 LA5UN	EQ68a 55a 56a	10°	19 SM4E8	IU33a 54a 54a	20°
25 OZ1EFP	HT33e 57a 57a	10°	22 SM4JEF	HT56c 57a 57a	20°
31 UR2RDX	HU63d 56a 57a	0°	25 UR0QA	NS72a 55a 55a	355°
31 OH2BDF	IT63c 57a 57a	0°	26 SM5DUC	FS47g 55a 56a	355°
33 SM0TR	GS23e 57a 57a	5°	29 SM5E8P	HT50e 56a 59a	10°
35 SM6ESM	HS06e 54a 55a	340°	35 UR2RDX	MS68f 55a 59a	350°
45 UR2RDX	HT31e 55a 52a	0°	54 LA3SU	CT12h 55a 33a	10°
47 SM4JEF	HT31e 55a 52a	0°	54 LA3SU	CT12h 55a 33a	10°
50 SH4E8P	MU51j 53a 59a	5°	57 SM4JEF	CT59b 54a 54a	5°
52 SM4E8P	IT68g 56a 57a	10°	1075 SM4E8	GT49e 55a 55a	0°
58 SM4XUV	ET76b 55a 55a	350°	21 SM5IDM	HT79f 54a 56a	0°

811082 YP05h 55a 55a 330° 1643 LA6ZX FT13g 53a 53a 345°
 1554 GM41RX WM65d 55a 55a 310° 47 LA3UJ FT26g 57a 55a 350°
 1614 E19QZ ZM04c 53a 52a 310° 51 LA3UJ FT07d 54a 56a 150°
 17 G3UNU ZH31b 52a 52a 300° 1731 LA59M FT04d 54a 56a 150°
 21 G3BA

had to QRT, str.

811024 FU62j 55a 55a 1650 SM4DJ0 HT 51a 52a
 1647 LA7KX tks fer info, dr Jurgen

Y23FC (FM69g) wkd via Aurora on 144 MHz in CW:

810823 HS75c 55a 54a 20° 1455 SM6EAN FR30j 55a 56a 20°
 1445 SM7GCU IT59c 42a 56a 20° 1501 LA7KX FU62j 55a 55a 10°
 47 SM6EY

hrd GM41LS, SM4COK, SM4IVE, SM5GNC, SM7DLZ, OZ1BR, LA9BH, LA10Y,
 SM5FRH, SM5CHK, SM0ROW, SM6CNU, SM0AEK, SM3IDM, OZ4VY.

810926 1730-1825
 hrd SM5BEI, SM4CVF, SM4FXR, SM4COK, SM5CHK, SM4IVE, SM4AIQ.

811011 CS09g 52a 53a 0° 1539 SM4CJU HT23a 55a 57a 25°
 1423 LA6HL CT38j 55a 55a 10° 49 LA9FY EU36j 53a 51a 20°
 28 SM4CFL FT03e 55a 42a 10° 59 LA7KX FU62j 55a 55a 20°
 32 LA8VF FT03e 55a 42a 10° 59 LA7KX JU72e 55a 55a 0°
 46 SM4AI CT38e 55a 55a 20° 1638 SM5BEI

hrd LA8SJ, SM4AIO, LA6HL, GM41LS, SM5GNC, SM4FXR, LA8AK, SM6EAN,
 GM4COK, SM4IVE, SK4DE, SM4AIQ, SM0HAX, SM5BEI, OH2BEF, UR2RQT,
 UR2RAH, SM5B8Z, SM5FRH.

Y23FC (FM69g) contd.

811020 FT43e 52a 42a 5° 2057 OZ4VY 52a ? EU17a 10°
 1838 LA20I
 hrd SM7MT, PA2VST, DK3FU, GM41LS, DF61M, LA8FE, PA2PT, PA0RDI,
 SM6EY, SM6CNU, SM6JSD, DL20M, DK3TC, OZ1CLL, DK3XT, DF1ZE,
 DL3QC, G4KRG/L, DJ9EV, DF7K, PA0BIS, DL8DK, PA0TTI, PA0OON,
 DL3QC, OZ60/L, PA0RDI, LA8AK, DJ9IE, RA3CR, PA0BVL.

811022 YP05h 55a 55a 20° 1736 SM6DHD GR26g 55a 55a 340°
 1551 GM41RX QO21b 53a 52a 20° 39 LA3UC FT11d 55a 53a 0°
 17 DL7XV/A GM 56a 55a 50° 2113 OZ4VY EU17a 54a 55a 0°
 21 DL7XV/A EQ34h 55a 55a 40° 16 DF7DJ DL39a 56a 57a 45°
 34 OH2BDF LT15b 53a 55a 0° 20 PA3AMF CM44b 57a 55a 40°
 1718 UR2RDX MS80e 55a 54a 0° 35 SM6ESM GS23e 53a 56a 40°
 30 LA1TV ET29d 55a 55a 10° 41 SM7BAE GP26d 56a 53a 40°

hrd CN4VE, OZ1BEF, SM6AEK, PA2AQN, DJ9EV, SM6DHD, OZ9FR, LA3EQ,
 LA8ZL, LA4K, SM4FXR, SM4VA, DK3FU, SM4KUV, GM41LS, LA8SJ,
 OZ1CLL, UQ2GLO, SM5IDM, SM4IVE, LA6HL, LA7KX, SM0TR, SM4XUV,
 LA7KX, LA2VY, SM6EY, LA3SU, LA8AK, PA0OON, PA0RDI, PA0TTI,
 DF5HC, PA2VST.

811117 1638 LA8SJ 52a hrd 25°
 tks fer info, dr Rolf

YU10AM (KE13j) wkd via Aurora on 144 MHz in CW:

810725 LE59c 55a 55a 315° 1435 Y07CJH LE59c 55a 55a 315°
 1433 Y07VS
 hrd FC6JC/P, LA8XN, YU3CAB, YU4VVP, YU3ES, YU6NOS, YU14AN.
 hvala za informacije Novaki

YU2XDE (JE23e) wkd via Aurora on 144 MHz in CW:

810725 1613 DK708 FR41d 55a 55a QTF?
 A sked with UD0DFP (YA) had no success. Hrd VA3BXY, G3NSM, G3LEK,
 G4DCU, DK1KO, DK1WB, DF2HC.
 hvala za informacije Božo!

YU3HI (IG41b) wkd via Aurora on 144 MHz in CW:

810725 1548 DK1KO FN12g 59a 59a QTF?
 hvala za informacije!

YU1UD (JE37f) wkd via Aurora on 144 MHz in CW:

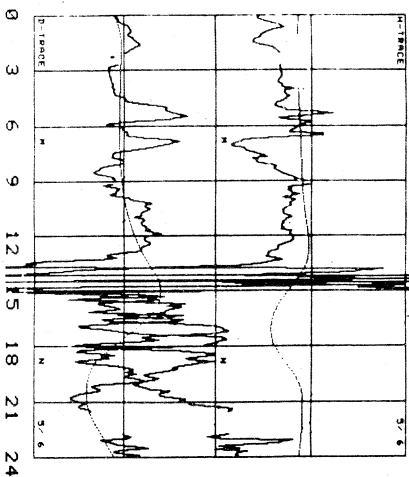
810725 DN71f 54a 55a 1455 G41CO YL38f 59a 59a
 1425 FAKOV FN12g 59a 59a 1603 DK2ZF FN05j 55a 42a
 42 DK1KO
 hvala za informacije Miro!

78

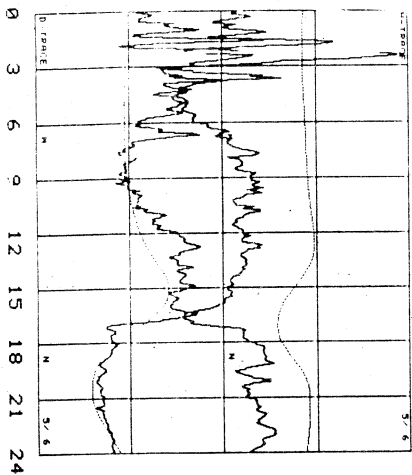
432 MHz

79

BOULDER MAG 7/25/81



BOULDER MAG 7/26/81



SM6EAN (FR30J) wk'd via Aurora on 432 MHz in CW: (QTF 30-50°)

810725 1600 SM4IAZ HT 54a 55a

811011 1500

SM4DUN GU 59a 57a SMØFZH IT 57a 57a 0290V GP 57a 52a LA9DL FT 59a

59a SMØBYC IT 56a 55a OH1FA LU 54a 55a

820131 1600 OH1FA LU 53a 55a DL7ZL GM 52a 41a DK2NH 52a 52a

820206 1600 DK2NH FN 53a 52a

820210 1600 LA9DL FT 59a 59a 021ABE GP 56a 55a SM1BSA JR 56a 54a

In all the above events (8 mi more) SK4UHF was heard with 52a-56a
Mn times good Ar but nobody QRV. Everyone is just listening,
Please C A L L C Q !

tks fer info, dr Matt

SP1DSU (HN43J) wk'd via Aurora on 432 MHz in CW:

811020 1924 DL7QY FJ 30°

811022

1524 SM6CKU CR 25° 1652 SMØDJW IS 20° 1701 LA9DL FT 10°

1710 SM4DUN GU 50
Str, heavy QRM, so I missed the U-sens.

tks fer info, dr Karl

LA3JCF (H014a) wk'd via Aurora on 432 MHz in CW:

811003 811011

1416 UA1MC PU73f 53a hrd 10° 1145 UA1MC PU73f 52a 31a 10°

спасибо за info AP Areci!

Y22NE (HM53a) wk'd via Aurora on 432 MHz in CW:

811022

1656 SM4DUN GU70f 53a 54a 872km1706 LA9DL FT06h 55a 57a 874km

tks fer info, dr Jürgen

M OON BOUNCE

conducted by DL9KR

Networks:

- 144 MHz: SAT/SUN 1700 on 14345 kHz. DX traffic handled by VE7BQH at 1800. Look for 2m EME stations also SAT/SUN 1500 on 29010 kHz when 10m is open.
- 432 MHz and up: SAT/SUN 1600 on 14345 kHz. Stateside traffic handled by W1JR or AD1C at 1645. Europeans also meet on 7050 kHz plus/minus QRM SAT/SUN at 1100.

Newsletters:

- 144 MHz: The Lunar Letter, published monthly by KI7D and N7CSF. Send return postage to Bill Canton, Rt.7 Box 7137P, Nampa, Idaho, 83651, USA.
- 432 MHz and up: 432 AND ABOVE EME NEWS published monthly by Allen Katz, K2UYH, c/o Dept. of Engineering Technology, Trenton State College Trenton, NJ 08625, USA. SAE required, donations welcome.

Skeds coordinator:

- 432/1296 MHz: Charlie Suckling, G3WDG, 46 Windsor Close, Towcester, Northants, NN12, U.K. Skeds published in the K2UYH news.

Reports:

- 144 MHz: DF3RU, Karl, using a BF981 in front of an IC201, 2 x 4CX250B PA, 4 x 16el yagis accomplished contacts with K1WHS on 7.6.81, O/O, VE7BQH 7.8.81 O/O, W7FN 14.11.81 partial O/O, 12.12. WA8ONQ partial M/M, N7NW 14.11.81 O/O. Karl heard WA1JXN, KI7D, WD5CRK?, VE2DFO, DK4XI, WA4YLS, K10BF?, UA3TCF, W8WN, W5LUU, W7FN, VE2SL among other weaker signals from June to November.
- DK4TG got started with an antenna-mounted BF981 preamp, 4CX250B PA, 4 x 16el F9FT. 13.11.81 hrd WA9KRT, WA8ONQ. 14.11.81 hrd WB5LBT, WB6ESQ, N7NW, WA8ONQ and worked K1WHS 529/429! 15.11.81 hrd K1WHS, WA8ONQ, WA7BBM, VE2DFO, worked VE7BQH O/O. 7.12.81 hrd W7FN, K1WHS, WB5LBT and wkd VE7BQH O/O. 12.12.81 hrd SM4GGC, SM2?, VE2DFO, K1WHS, WA7BBM. 13.12.81 hrd K1WHS, KI7D. 08.01.82 hrd WA1JXN, wkd WA9KRT O/O, WA4LYS O/O, K1WHS 539/439. 09.01.82 hrd VE2DFO and wkd WA1JOF O/O, KI7D O/O, KB8RQ O/O, 10.01.82 hrd K1WHS and N4PZ, 11.01.82 hrd K1MNS 529, 05.02.82 wkd WB0VYV O/O and W7FU O/O, 06.02.82 hrd VE2DFO, VE7BQH, K1MNS and wkd K1WHS 539/O, N7NW O/O, WA1JXN O/O, 07.02.82 hrd WA1JXN, K1WHS, W6PO and wkd K1MNS O/O, 08.02.82 hrd WB5ERD, N4PZ, WA9KRT.
- DK6AS has a 0.4dB front end, 750 watts output and 4 x 10el yagis. He wkd on 18.10.81 random K1WHS 529/339 and VE7BQH was worked during a sked on 08.11.81 529/329. Elevation control will be installed by January 82.
- DJ5DT made his initial contact with WB0QMN, followed by K1WHS, N7NW and partial W7FN in 1981. Heard were K1FO, W6PO, VE2DFO. All this with a single long yagi. Thence Thomas put up 4 beautifully built DL6WU yagis and started out with KI7D on 13.12.81, KB8RQ was worked, too. Rather consistent echoes are regularly rcvd.
- OE6AP is happy about the first OE/VE QSO on 2m!!! Alois exchanged "O" reports on 15.11.81 at 0710 with VE7BQH putting a single 4CX250B

to work into 4 x 10el yagis. RX front end is the usual LF981, a Datong audio filter a useful addition.

OZ1EME, according to Gert OZ2GZ and Kim OZ5IR, has not been on as much as both operators would have liked to. They had problems with the antenna but are presently rebuilding the system into 8 x 9el. They want to express special thanks to SM7BAE for skeds arrangements. On 12.12.81 they had a partial qso with KI7D and heard AE5C weakly and skedd by an US station, SM2GGF with ufo signals, WA9ART, SM4GGC K1WHS 539, WA7B? However on 13.12.81 wkd W7HAH O/O and hrd KØKZ, WA9ART, WB6ESQ. Good contacts on 14.12.81 with KI7D O/O and WA1JXN O/O. This was achieved with a mast-mounted preamp, 4 x 9el yagis and 900w out.

SM4GGC, reports working 92 (89 random) contacts with 45 different stations after using his new antenna (see foto in earlier DUBUS issue) for only half a year! Stig worked on 07.11.81 WB5LBD O/O, 14.11.81 WB7DPI O/O, K7NW 429/419, SM2GGF O/O, VE7BQH 439/439, 15.11.81 KØKZ O/O, SM2GGF O/O, WA7BBA O/O, K7NW O/O, VE2DFO 539/439, 12.12.81 KI7D 429/429, WA9ART 539/539, W5HM 439/439, WB8PAT O/O, W7CI O/O, K1WHS 439/539, WA7BBM O/O, WA9CZK O/539, WB3JHP O/429, K1WHS 539/559, on 13.12.81 WB6ESQ 449/449. Quite an impressive list and excellent reports, too!

YU1AW put his big dish into operation on 2m several times and successfully worked on 03.08.81 VE7BQH O/O, on 16.08.81 G3POI O/O, OH7PI O/O, on 23.08.81 DK1PZ 449/449 and KI7D O/O while the rest of skeds was missed due to aurora.

YU1LV is now also QRV on 2m, more details to follow.

YU3ZV listens for 2m EME signals.

YU3CAB made his debut on 2m. On 22.08.81 he worked K1WHS O/O and hrd SM7BAE, F6ANQ, WB6ESQ. W7FN was hrd on 23.08.81. Equipment: BF981, 2 x 40X250s and 4x12el Fracaro yagi, AZ/EL.

YU3ULM worked on 18.09.81 KI7D O/O, 20.09.81 SM5FRH O/O, 18.10.81 partial WB7DPI O/M, 11.11.81 WA1JOF O/O, W7HAH on 13.11.81 O/O, 15.11.81 W5LUU O/O, the latter all partials.

YU3USB, like so many others started his 2m EME operation working K1WHS on 25.07.81. His list of stations heard from May to October includes I2ODI, DL3YB, DK1PZ, KI7D, SM7BAE, W6PO, WA9ART, WA7BJU, SM2GGF, SM4GGC, F6ANQ, SM5FRH, OH7PI, W7FN, W5HM, DK4XI, WA8CQ, UA3CF, WB8IGY, WA1JXN and WB6ESQ. A partial contact resulted on 18.10.81 with OH7PI O/M.

YU7PXB worked on 17.10.81 WB6ESQ O/O, 18.10.81 WA1JXN O/O, SM7BAE 559/439, 14.11.81 WA4NJP O/O, WB6ESQ 559/O, WA7ORQ O/O, 15.11.81 K7NW O/O and hrd OH6NU, K1WHS, WB5LBT, SM2GGF, SM4GGC, I1RSQ, F6ANQ. On 12.12.81 VE2DFO O/O, 13.12.81 WA9ART O/O, N6ANG O/O, hrd K1WHS, HG1YA.

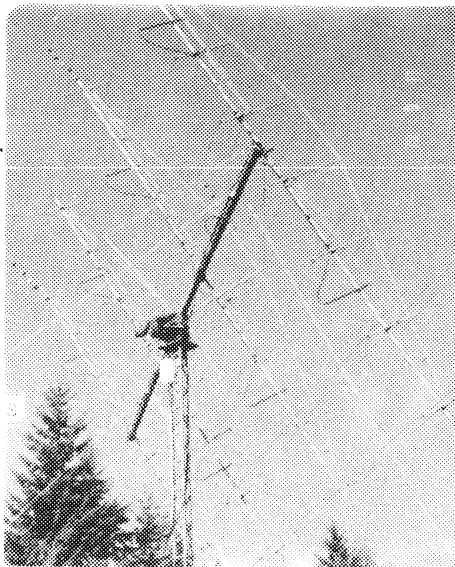
Y22ME, Jürgen, hopes to improve his power output by 3dB in the near future. He worked on 17.10.81 WA1JXN O/O, 14.11.81 K1WHS O/O, W7FN O/O, 15.11.81 WB5LBT 519/O, WB6ESQ O/O, 12.12.81 wkd W7HAH, partial WA4LYS O/O, K7RW O/O, hrd WD5CRK O. 13.12.81 KI7D wkd O/O and VE2DFO 519/O. On 09.01.82 hrd all his skeds but no QSO: WB5ERD O, WA4LYS O, K7TOT partial O/O, KB6RQ O and a good contact with OH7PI O/O. 10.01.82 wkd W5UN O/O, W5LUU O/O, DK4XI O/O and hrd WD5CRK O.

UA3LBO is another new station on 2m EME. He reports contacts with VE7BQH O/O on 13.11.81 and VE2DFO O/O on 14.11.81. On 06.12. partial UA3CF O/M. 12.12.81 wkd nil but hrd W7HAH, K7NW, N4PE, SM4GGC, OH7PI, K1WHS (12dB). 13.12.81 wkd WB6ESQ O/O. Frodoematic were high winds in December and a snow storm in January. 10.01.81 wkd KI7D O/O, hrd N4PZ, WA1JXN, SM7BAE, DK4XI, K1WHS, OH7PI.

UA3TCF sent a very long and detailed report about his apparently very successful activities which are documented by the following:
 26.09.81 wkcd F6AMQ O/O, hrd OH7PI, G3POI. 17.10.81 wkcd W4WD O/O, W7HAH O/O, KI7D O/O, hrd K1WHS, OH7PI, WB8IGY, WB6ESQ, WA9KRT, F8ZW, WA0LPK/KL7, VE7BQH, WA8ONQ, F6AMQ, W7FN, Y22ME. 18.10.81 wkcd WA0LPK/KL7 O/O, hrd W5HM, WB6ESQ, F6AMQ, W7FU, K1WHS. 25.10.81 hrd OH7PI, 01.11.81 hrd UA3LBO M, 14.11.81 wkcd WB8PAT O/O, WB7DTI O/O, hrd WA8ONQ, OH7PI, W8WN, WB5LBT, SM2GGF, VE2DFO, UA1ZCL, WB5LBT, WB6ESQ, K1WHS, 15.11.81 wkcd N7NW O/O, hrd OH7PI, SM2GGF, N4PZ, K1MNS, WB5LBT, KI7D, K1WHS, VE7BQH, SM4GGC, SM7BAE, WB6ESQ, DK4XI. 21.11.81 wkcd DK4XI O/O, hrd WB5LBT, 22.11.81 hrd SM4GGC, DK4XI, F8ZW, K1WHS, UA1ZCL. 05.12.81 wkcd partial UA1ZCL M/M, 06.12.81 wkcd UB5JIN, hrd VK5MC O, UA3LBO M, UA1ZCL M, SM2GGF, OH7PI, N4PZ, W5HM. 12.12.81 wkcd WA4LYS M/O, WD5CRK O/O, hrd K1WHS, N4PZ, DK4XI, SM2GGF, K7KOT, WA9KRT, N7NW, WA9OZN, W7FN, VE2DFO, 13.12.81 wkcd KB8RQ O/O, VE7SL O/O, partial VE2DFO O/O, hrd K1WHS, KI7D, K1MNS, SM7BAE, WB6ESQ, OH7PI, DK4XI, WA3USC, WA9KRT, F8ZW, 19.12.81 hrd DK4XI, F8ZW, 20.12.81 hrd VK5MC, OH7PI, SM7BAE, DK4XI, wkcd SM7BAE 429/419, 02.01.82 wkcd UA1ZCL M/O, hrd SM7BAE, 08.01.82 wkcd WB5ERD O/O, 09.01.82 wkcd VE2DFO, KB8RQ O/O, hrd W8WN, UB5JIN, K1MNS, DK4XI, WA4LYS, KI7D, W5HM, WB3JHP, DF7DJ, WA3USC, YU7PXB, SM5FRH, WA1JOF, K1WHS, K6LEW, 10.01.82 wkcd W5UN partial O/O, DJ5DT O/O, hrd WA1JOF, SM2GGF, W5LUU, WA1JXN, W7FU, VE2DFO, SM7BAE, DK4XI, WB5LBT, VE7BQH, UB5JIN, WB3JHP, WB6ESQ, N4PZ, 17.01.82 hrd OK1MBS M.

UB5JIN, Wasil and cooperators Wlad UB5JNR and Alex UB5JFR made UB5 available to the 2m EME crowd for the first time. They are using a BF981 preamp, 2 x 4CX350A and 8 x 9el F9FT, reception aided by diverse mechanical filters. On 06.12.81 wkcd UA3TCF O/O, hrd OH7PI, DK4XI, VK5MC, SM2GGF, SM4GGC, WA9KRT, VE2DFO, W5HM, WB5LBT. 20.12.81 wkcd OH7PI O/O, partial OK1MBS. 09.01.82 wkcd SM7BAE O/O, DK4XI O/O SM5FRH, hrd YU7PXB, KI7D, OH7PI, WA1JXN, SM5FRH, K1MNS W5UN, VE7BQH, VE2DFO. 10.01.82 wkcd WA1JOF O/O, KI7D O/O, VE2DFO 339/329, UA1ZCL O/O, OH7PI O/O, WA1JXN O/329, N4PZ O/O, hrd DK4XI, K1WHS, SM7BAE, KB8RQ. 11.01.82 wkcd VE7BQH O/O, K1WHS 539/539 (15dB!), K1MNS O/429, hrd W5LUU, WA1JXN.

When I wrote first UB5, I meant the prefix. I believe UT 5DL was the first Ukrainian station on EME (editor)



160el collinear array at VE7BQH, source of a potent 2m EME signal.

UR2RQT is another new country on 2m EME!! This station uses 4 x 16el F9FT antennas and a DFT66 front end, no data available about their P.A. On 08.01.82 wkd K1WHS 539/449, 09.01.82 VE2DFO 449/439, 10.01.82 VE7BQH 449/0, 11.01.82 K17D 0/0, 12.01.82 partial WA1JXN 0/?. Hrd DK4XI, SM4GWF, LA1YN and at some other time WA1JXN 549. According to UR2GZ who sent this report UR2RQT is interested in sbs.

432 Hz:
=====

DF7VX has been interested in EME since many years. Eventually he achieved his first 70cm EME contact when he worked on 06.03.82 KA0Y O/M, a random contact, too. Hellmuth, ex DC8BB, has a completely home-built rig, even the antenna rotators are homebrew! RX front end is an MGF1400, antenna 4 x 21el yagis, P.A. YL1050. Heard were during the January skeds weekend JA9BOH, JA6CZD, K2UYH, VE4MA, W6AM. On 06.03.82 hrd G3WDG, DL9KR, W0RA?

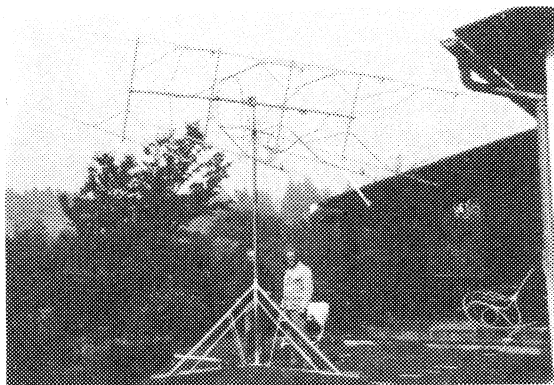
DJ9DL Joe has completed his 70cm WAC! He is another avid homebrewer and came up with an ingenious design for a YL1050 stripline PA in which the 2C39 driver's anode strip is placed close to the YL1050's cathode strip. He is presently testing this PA which certainly will help his signals a long way. His present status is 40 stations in 31 tries on 70cm EME. 16.10.81 wkd JA9BOH 449/339, YU1AW 449/0 OH3IH 0/0. 18.10.81 wkd KD6R 549/0 and WB4IZR 539/M. 13.11.81 wkd I5BSH 559/559, VE4MA 559/0, W7GBI 549/M, hrd OH3IH, GW3XIW, G1AIR V65AC, K5AZU. 14.11.81 wkd JA9BOH M/M. 11.12.81 wkd YU1AW 0/M, GW3XIW 0/M, hrd DL9KR, K2UYH, KBYTH. 12.12.81 wkd K3SS 559/0, W1JR M/M, K4qIF partial 0/0, ZL3AAD M/M. 04.01.82 JA9BOH 0/M, JA6CZD 559/559. 17.01.82 DL9KR 0/M.

DL2CJ After a long period of experimentation Alfred finally made his first EME QSO when he worked on 07.03.82 DL9KR M/449. His rig is mainly homebuilt, especially the WJdR type 128el collinear on a polar mount and the 2 x 4CX250R cavity P.A., a re-designed DL3PH. Design of many years ago. Preamp is an MGF1402 at the antenna terminals. DL9KR's "M" report was due to the tremendous noise made by DL2CJ's blower, hi.

DF3RU put 4 long yagis and a K2RIW PA on 70 cm EME, was heard by several stations and worked DL9KR M/M on 12.12.81. Karl heard 13.11.81 I5BSH, YU1AW, 12.12.81 DL7YC, YU1AW all F copy. Operation was hampered by ice and snow. He hopes to improve his antenna shortly (8 x 21el)

DL7YC is established in his new home and very busy with a variety of projects. His 8 yagi ring is performing very well and does not suffer from a 2m dia. dish put in its center. The dish is for 1296 MHz. Manfred also has a high power PA on the test bench. ---

To the right:
OE6AP and OE6RH



HB9QQ: Considering the circumstances this DXpedition was a huge success!!

Excerpts from their (OE9PMJ, HB9MFN, HB9QQ) report: "We had the worst weather ever experienced this winter. Heavy snow fall blocked the roads all over the country and it took us 4 1/2 hours to get to HBØ which is only 185 km east of Zürich... The set-up of the antenna was done under permanent snow fall and during the night we had heavy icing rain so we had to QRT Saturday at 0200. Needless to say that we could start on Friday only with a great delay, i.e. at 2000. We heard I5MSH with fine signals but the TX was not ready then.... And again it took us hours to put everything down, the antennas were full of ice...." (I had a bad time driving back from a skiing vacation in this mess, ed.)

08.01.82 wkd K2UYH,
09.01.82 wkd DL7YC O/O,
I5MSH 449/449, LX1DB O/O,
G3LTF O/O, W1JR M/M,
AD1C M/M, 10.01.82 wkd
WB5LUA O/O, K5FF M/M,
hrd K3NSS (no reply),
W5FF. CONGRATULATIONS!



OE9XXI: 13.11.81 wkd JA9BOH M/M, 14.11.81 K5AZU 449/449, JA9BOH 449/O, 15.11.81 N9AB O/M, KD6R O/O and VE4MA M/O for at least the first OE/VE on 70cm (OE6AP's 2m QSO with VE7BQH was at 0710), Hrd during that weekend DL7QY, OK1KIR, DF3RU, GW3XYW, K3NSS, DL9KR.

ZU1AW worked ZL3AAD for the completion of his 70cm WAC!!! Here his long report: 24.07.81 wkd OK3CTP 449/O, JA9BOH O/O, ZL3AAD O/O, 25.07. VK5MC 449/549, DL9KR 559/569 and 45/45 SSB, JA8QQ O/O, JA6CZD 449/449, HB9BPQ O/O, DJ8QL 339/339, N9AB 449/449, K2UYH 449/459, 33/33 SSB, DL7QY 339/O, SM5CPD O/O, K4QIF 339/549, W6ABN 449/449, hrd W1XP, K4PKV, DJ9DL and the moon radar on .000. 22.08.81 SMØDJW 559/559, 23.08.81 JA6CZD 449/459 and 55/44 SSB, OK1KIR O/339, JA9BOH O/O, OE9XXI O/O, 16.10.81 DJ9DL 559/449, G3LTF 449/449, I5MSH 559/559 and 44/55 SSB, DL7QY 449/449, I5MSH again 56/55 SSB, DL9KR 55/55 SSB, OH3FH 559/559, 17.10.81 DL7YC 449/439, GW3XYW 449/449, SØØERR O/O, VE1OD O/O, K8WW O/O, OE9XXI 549/449, HB9BPQ 449/559, WB4IZR O/O, K2UYH 44/44SSB, SM5CPD O/O, 11.12.81 SMØDJW 539/

559, DL9AR 55/44 SSB, GW3XYW 449/339. 12.12.81 AD1C 539/549, K2UYH 55/53 SSB, W6ABN 449/339, W0PUF O/O, K4QIF 449/549, WB0TEM 449/449 and 44/44 SSB, K3RSS 559/449, W0PUF 44/24 SSB, W0RAP O/O, W7FU O/O, SR0DJW 559/559, DL7QY 449/449. Hrd: W7GBI, DL7YC, DK6AS, VE7BGG.

YU1EV replaced his BFT66 by a GaAsFET and was active during the November and December skeds weekends. 14.11.81 wkcd K3NSS O/O, K2UYH 559/339, KA0Y 559/449, DL7QY O/M, ON4DY O/O, hrd K9KFR. N9AB, K4QIF, VE4AA, WB5LUA, OK1KIR, I2COR, I5SH, SM2GGF, WA4ZIA, K5AZU, DJ9DL. 12.12.81 wkcd K3NSS O/M and hrd K2UYH SSB, DL9AR, GW3XYW, SR0DJW.

YU1PAW Branka, YU1AW's XYL, came on 432 BME for the first time and used her lovely voice for contacts on 11.12.81 when she worked DL9KR 55/45, I5MSH 55/42 and K2UYH 44/34 on SSB!

Long Delayed Echoes were noticed by YU1AW when echo testing in September and also on DL9KR's SSB signals on 11.12.81. On both occasions the LDE occurred approximately 2 seconds after the primary moon signal and was slightly frequency-shifted. Recommendation: Keep the tape recorder QRV at all times!

1296 MHz

DJ4AU recently worked K2UYH, WB5LUA, G3WDG, OK1KIR, SM4DHN and others. The O29CR ring amp. should be operational by the time you read this.

OE9XXI is another prospective newcomer to 23cm. The group has plans for a 5,6 m HB dish, an MGF1400 front end and a TH328 P.A.

OK1KIR has a loud signal on 1296 now after improving the feed and the P.A., no details known yet.

SM4DHN is in business on 1296, too. An 8m HB dish and 2 x 2C39 put out a good signal.

YU2RGC is presently QRV on 1296. Instead, he has plans to install a 16 or 32 Fracarro yagi array for 432 on his tower while rebuilding the 23cm rig.

Good luck on BME and 73! Jan, DL9AR

DL7QY (FIS1a) wkcd via moon:

13.12.	0305	WB0TEM	M	O	0355	WB4IRZ	439	449
E.R.	1730	JH10FX	M	M	1845	I5RSH	449	449

Vy 73, Claus

ATTENTION F-LAYER-SCATTER (TEP) OBSERVERS

There is a beacon in South Africa which is running 24 hours.
CALL: ZS 6 JHB, QRG: 144.915 MHz, OUTPUT: 20W, ANTENNA: SLIM JIM
QTF: omni, a.s.l.: 1600m, KEY: F1.

There are some more beacons in South Africa, if you want details write to: Peter Strauss (ZR6MI), P.O. BOX 35461, Northcliff 2115 Rep. Southafrica INFO de ZR6MI

Supplements to the Beaconlist send to : CLAUD NEIE (DL7QY)
D-7181 RUDOLFSBERG 24
GERMANY

VHF + NEWS + SKEDS + COMMENTS + SUPPLEMENTS

by DL 7 RU

EXPEDITION TO DO - SQUARE ON 2m, 70cm, 23cm

A contest team from Hamburg (DOK E27) will be QRV from the island of Helgoland, DO-Square, for the German national contest at 1/2 May 1982. The callsign on all bands is: DKØIK/p. Further operation is planned for the following week up to the 7 th of May. MS and Tropo Skeds can be arranged on the VHF-Net 14345kHz and by telefon (at the station!) Tel.: 0472 5310.

DETAILS
2m: TX 500W, ANT 15dBD, RX Gas-Fet PreAmp
QRG: 144.382 SSB, 144.022 CW
70cm: TX 250W, ANT 20 dBD, RX Gas-Fet PreAmp
QRG: 432.162 SSB/CW
23cm: TX 100W, ANT 21 dBD, RX Gas-Fet PreAmp
QRG: 1296.162 SSB/CW

Operation will be in SSB, but especially on the UHF and SHF bands CW will be preferred for serious DX. Call in CW if you can hear us. Good luck and 73. INFO de DJ9BV

EXPEDITION TO FH - SQUARE ON 2m, 70cm, 23cm, 13cm

Während des IARU-Kontestes am 4/5 Juli 1982 wird eine Gruppe von holländischen OM's aus OE mit dem Call PAØPLY/OE QRV sein.

Standort: Hafelekar, 2360m a.s.l. QRA: FH57c (Innsbruck)
Sked QRG: 144.350, 432.250 und 1296.180 MHz

Wenn möglich sollen folgende Antennen zum Einsatz kommen:
2m: 10 el. Yagi (x-y), 70cm: 2 x 19 el. Yagi F9FT, 23/13cm: 2m Ø Spiegel oder 2 x 23 el. G3JVL.
Skedverabredungen an: J.A. Kappert (PAØPLY), Groenhoven 535, 1103 LR AMSTERDAM INFO de PAØPLY

IW 5 AVM IS LOOKING FOR MS AND TROPO SKEDS IN SSB

My Rig on 2m: TX 300W out, RX R4C-MMT 28/144 8F981 1dB NF,
ANT 20 el. long Yagi 16.8 dBD

70cm: TX FT 7 MMT 28/432 10W, RX R4C
ANT 4x21 el. Yagi 21 dBD

ADDRESS: MARCO PARMEGGIANI (IW5AVM), VIA SENESE 3, 58100 GROSSETO, ITALY, TEL.: 0564-27304 (only Saturday and Sunday)

EUROPEAN VHF NET: EACH SATURDAY & SUNDAY 1300z 14.345 MHz

MS-AURORA-TROPO FROM EV SQUARE
=====

LA9FY is QRV from EV-Square on 2m and 70cm.

STATION: 2m:TS 770E, PA 250W out, Gas-Fet PreAmp 0.6dB NF,
ANT 4 x 16 el. F9FT.

70cm:TS 770E, Gas-Fet PreAmp 0.8 dB NF, ANT 4 x 21 el. Yagi
Speed on MS is 600-1200 lpm but preferred is 600 lpm.

ADDRESS: STEINAR VISSEBRATEN LA9FY, P.O. BOX 36, 3541 NESBYEN, NOR-
WAY INFO LA9FY

MS-FROM YM SQUARE
=====

G4ASR is QRV from YM 76d for MS Tests. STATION: 2m FT221 RD with
Mutek board (3SK88) + BF 981, PA Henry Tempo 2002 1600W Output!
ANT 4 x 16 el. F9FT or single 16 el. F9FT.

ADDRESS: D.J. BUTLER G4ASR, 23 WHITEHOUSE DRIVE

KINGSTONE
HEREFORDSHIRE
HR2 9ER ENGLAND

TELEFON: ENGLAND 981 250 181 (in the evening)

Also QRV on 70/432/1296/5760 MHz. INFO G4ASR

U H F - S H F - AKTIVITÄTEN IN OE
=====

Seit Januar 1982 findet in OE jeden Mittwoch ein Aktivitätsabend
statt.

Betriebszeit: 17.00 bis 23.00 UTC, QRG: ab 70cm aufwärts.

Jeden 2. Mittwoch im Monat wird ein Aktivitätskontest eingeführt.

Um umständliche Kilometerbestimmungen zu vermeiden, werden die
gearbeiteten Großfelder als Multiplikatoren benutzt, ebenso die
gearbeiteten OE-Bundesländer. (z.B. OE1XCS gilt als OE1, OE1XCS/3
gilt als OE3 usw). Um die Aktivitäten auf den höheren Frequenzen
anzuregen, wird ein Bandmultiplikator verwendet.

70cm x 1, 23cm x 5, 13cm x 10, 6cm, 3cm, 1.5cm je x 20.

Auswertung: Anzahl der QSO pro Band x Anzahl der gearbeiteten
Großfelder x Anzahl der gearbeiteten OE-Bundesländer x Band-
multiplikator ergibt die Punktzahl pro Band. Die Endpunktzahl
ergibt sich aus der Summe aller Punkte der gearbeiteten Bänder.

Gewertet wird im Jahre 1982 11-mal jeweils der 2.Mittwochabend
von 17.00-23.00 UTC, beginnend mit Februar.

Das Log muß folgende Angaben enthalten: Datum, Uhrzeit, Frequenz-
band, Betriebsart, Call der Gegenstation, gegebener und empfangener
Rapport mit laufender Nummer beginnend mit 001, QTH Kenner der
Gegenstation, Summe der erreichten Punkte, eigenes QTH und Daten
der eigenen Station wie Seehöhe, Antenne, Ausgangsleistung.

Einsendeschluß bis Monatsende nach jedem Aktivitätsabend an:

KURT TOJNER OE1KTC, 1100 WIEN, TROSTSTR. 88/11/12.

Wertungslisten werden in der QSP und AVUS-DX-NEWS erscheinen.

INFO aus AVUS-DX-NEWS S.46

EUROPEAN VHF CALLBOOK

I'm working to realize a European Callbook containing all Radio-amateurs that works on 144 MHz, and I need your collaboration to obtain as much schedules if possible. I should be very glad to finish collecting all the schedules in October 1982 as the Callbook could be ready and printed in January 1983. Anyone can have it, only making a request and it will be send in all Europe.

It is important that anyone is planning to change something on the

<u>IDENTIFICATION SCHEDULE</u>	
CALL.....	"shack" or on the antenna system, have to give me all those informations.
NAME.....	So write all your dates in the Identification schedule and send it to:
SURNAME.....	Salvioni
HOME ADDRESS.....	Giancarlo, I4BXN,
CITY.....ZIP CODE.....	Via Roversella 1
TELEPHONE N°(Home).....QRL.....	<u>40054 BUDRIO</u>
HEITH (from sea level).....	<u>BOLOGNA</u>
LATITUDE.....	ITALY
LONGITUDE.....	73 de I4BXN
LOCATOR.....	-----
ANTENNAS N°.....x ELEMENTS.....	<u>144 MHz F-Schicht</u>
RECEIVER.....	<u>Scatter</u>
TRANSMITTER.....	Am 5.Mai 1981
POWER OUTPUT.....	konnte nachmittags bis abends
QRV SSB.....FREQUENCY.....	YU7PXB(KFØ1c) die
QRV CW.....FREQUENCY.....	BAKE ZS6LN auf
QRV (hours).....WEEKENDS.....	144.192 hören.
INTERESTED IN:	<u>Info AVUS-DX-NEWS</u>
TROPO DX.....MS.....ES.....EME.....	-----
Address to: SALVIONI GIANCARLO	<u>TEP</u>
Via Roversella,1	ZS6BU in Sasolburg
<u>40054 B U D R I O</u>	made a 144MHz Contact to SV1AB in
BOLOGNA(Italy)	Athens.QRG was
	144.500MHZ, Mode CW
	RST 527 !!!
	Info de ZR6MI

POLNÍ DEN MLÁDEŽE 1982
/YOUNG OPERATOR'S FIELD DAY/

The Central Radio Club of Czechoslovakia has the honour to invite radio amateurs who are younger than 18 years at the date of the Contest POLNÍ DEN MLÁDEŽE /YOUNG OPERATOR'S FIELD DAY/.

Contest period: 3 hours from 1000 UTC to 1300 UTC July 3, 1982

Classifications: portable QTH only:

1. 145 MHz, max. output 25 W, any feeding
2. 433 MHz, max. output 5 W, fully transistorized equipment fed from the chemical or solar sources /battery, storage battery etc./

Exchange: RS or RST report plus a progressive QSO number starting with 001 and QTH Locator.

The contacts made via active repeaters are not valid.

Points: each 1 kilometre of the QSO distance counts 1 point

Logs: use a separate log for each band. Log must contain all necessary data /including birth date of operators/ plus total score and the declaration that the rules and regulations of the contest have been observed. Logs must be sent no later than July 19, 1982

Mailing address: The Central Radio Club

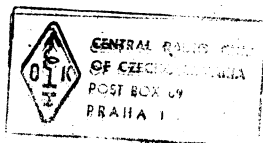
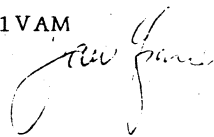
Vlnitá 33

147 00 P r a h a 4

CZECHOSLOVAKIA

The decisions of the Contest Committee are final.

Jan Franc OK1VAM
Award Manager



XXXIV. POLNÍ DEN 1982

/FIELD DAY/

The Central Radio Club of Czechoslovakia has the honour to invite radio amateurs to participate in the jubilee XXXIV. POLNÍ DEN /FIELD DAY/ VHF, UHF, SHF Contest /which will take place during the 3rd Subregional Contest/.

Contest period: 24 hours from 1400 UTC July 3, 1982 to
1400 UTC July 4, 1982

Classifications: portable QTH only:

1. 145 MHz, max. output 5 W, fully transistorized equipment fed from the chemical or Solar sources /battery, storage battery etc. /
2. 145 MHz, output according to the licensing rules
3. 433 MHz, max. output 5 W, fully transistorized equipment fed from the chemical or Solar sources /battery, storage battery etc. /
4. 433 MHz, output according to the licensing rules
5. 1296 MHz, output according to the licensing rules
6. 2304 MHz, output according to the licensing rules

Exchange: RS or RST report plus a progressive QSO number starting with 001 and QTH Locator.

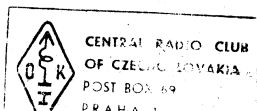
The contacts made via active repeaters are not valid.

Points: each 1 kilometre of the QSO distance counts 1 point

Logs: use a separate log for each band. Log must contain all necessary data /please keep all times in UTC/ plus total score and the declaration that the rules and regulations of the contest have been observed. Logs must be sent no later than July 19, 1982

Mailing address: The Central Radio Club, Vlnitá 33,
147 00 Praha 4, CZECHOSLOVAKIA

The decisions of the Contest Committee are final.



Jan Franc OK1VAM
Award Manager

EUROPEAN BEACON-LIST

VHF
UHF
SHF

DEADLINE : 20.3.82

BY : DL7RU

CALL	FREQUENCY	QTH	OUTPUT	ANTENNA	QTF	ASL	KEY
DLØUB	144.850	GM47b	5W	4xdipole	omni	80m	F1
DLØPR	144.910	E054c	150W	6el.yagi	N/S	100m	A1
DLØUH	144.940	EL68f	1ERP	V-dipole	omni	385m	A1
DLØNF	144.966	FJ47e	20mW	dipole	omni	630m	F1
DLØSG	144.975	GJ77j	15W	4x4el.yagi	omni	1310m	A1
DLØRW/A	431.996	GJ12d	1W	2xdoub.quad	NW/SW	825m	A1
DBØAA	432.001	DL64c	1ERP	?	N	?	?
DJ2LF/A	432.008	DL38j	1W	11el.yagi	NNE	?	?
DBØAH	432.015	FN65j	3W	dipole	omni	118m	A1
DBØAC	432.015	DJ55j	15W	4x11el.yagi	omni	380m	F2
DKØOE	432.025	DK11a	0.5W	15el.yagi	NE	?	A1
DLØBQ	432.050	EJ23d	0.2W	discone	omni	?	A1
DJ4WG	432.455	FJ21g	5mW	11el.yagi	NE	265m	A1
DBØQO	432.540	EM71e	2W	rohrschlitz	omni	?	A1
DKØWZ	432.585	EJ20j	5W	12el.yagi	NW	?	?
DBØKI	432.666	FK68b	2W	4x4el.yagi	omni	690m	F1
DLØUB	432.850	GM47b	5W	4xdoubl.quad	omni	80m	F1
DBØTW	432.860	EM73e	20mW	?	omni	433m	F1
DBØYI	432.900	EM80b	1W	big wheel	omni	480m	A1
DBØAD	432.913	DK20d	1W	11el.yagi	w	290m	F1
DLØUH	432.940	EL68f	0.3ERP	V-dipole	omni	385m	A1
DBØLB	432.945	EIØ6d	0.2W	corner dipole	N/S	367m	F1
DLØNF	432.966	FJ47e	1W	clover leaf	omni	630m	F1
DLØSG	432.974	GJ77j	7W	4x11el.yagi	omni	1310m	A1
DFØAAD	432.990	F064a	10ERP	big wheel	omni	250m	F1
DL7XV	433.143	GH25c	10W	11el.yagi	?	?	?
DBØFB	1295.990	EH11h	4W	dipole	N/S	?	A1
DBØFT	1296.010	EK63h	2W	4 slot.aerial	omni	880m	F1
DJ2LF/A	1296.024	DL38j	?	?	?	?	?
DF5EQ/A	1296.025	DLØ2e	0.8W	doubl.helical	omni	170m	F1
DKØOE	1296.095	DK11a	0.15W	2x15el.yagi	NE	?	A1
DBØAJ	1296.180	FH19a	10W	6el.group	N/W	?	A1
DLØUB	1296.850	GM47b	WILL	BE QRV IN THE NEXT TIME			
DBØAN	1296.900	DLØ8b	1W	big wheel	omni	100m	F2
DBØMP	1296.900	GH22h	0.2W	corner refl.	NNW	1560m	?
DBØVC	1296.920	F051?	10W	2xbig wheel	omni	230m	F1
DBØAD	1296.925	DK20d	1W	dipole	w/E	290m	F1
DLØUH	1296.940	EL68f	WILL	BE QRV IN THE NEXT TIME			
DLØNF	1296.966	FJ47e	2W	4xdoubl.quad	omni	630m	F1
DBØLB	1297.040	EIØ6d	0.2W	?	?	367m	F1
DBØKI	1298.000	FK68b	0.15ERP	4xdoubl.quad	omni	690m	F1
DBØFT	2304.016	EK63h	2ERP	8el.collinear	N(S)	880m	F1
DBØVC	2304.035	F051?	5W	big wheel	omni	230m	F1
DC8EC/A	2304.136	FI79g	4W	6el.group	NW	580m	F3
DL7QY/A	2304.139	EJ80b	0.2W	2el.yagi	NE	450m	A1
DBØMP	2304.920	GH22h	0.5W	28el.yagi	NW	1560m	A1

DLØNF DC6MR	2304.966 2320.900	FJ47e DL48a	0.5W 0.5W	4xdoubl.quad dipole	omni N	630m 315m	F1 F1
DBØMP DL7QY/A DCØDA	3456.115 3456.209 3456.360	GH22h EJ80b DL38e	80mW 50mW 120ERP	12el.group 2 el. yagi dish 0,7 Ø	NW NE N	1560m 450m 220m	A1 A1 F1
DBØMP DL7QY/A DCØDA	5760.192 5760.348 5760.600	GH22h EJ80b DL38e	50mW 10mW 8.5ERP	6 d8 horn horn dish 0.7 Ø	NW N/E N	1560m 450m 220m	A1 A1 F1
DBØMP DL7QY/A	10368.345 10368.628	GH22h EJ80b	20mW 10mW	10 d8 horn horn	NW N/E	1560m 450m	A1 A1
DBØMP	24192.805	GH22h	0.5mW	15 d8 horn	NW	1560m	A1
EA3XS EA1VHF EA6VHF	144.152 144.867 144.917	8B22e VD59e BZ???	20/150W 25W 25W	16el.yagi 5el.yagi 5el.yagi	NE N NE	? ? 150m	? A1 A1
FX5THF FXØTHF FX3THF FX7THF	144.025 144.895 144.905 144.943	ACØ8c AI46h YI13d DH15h	? 30W 30W ?	? ? 2x9el.yagi ?	N omni E ?	1200m 246m 80m ?	A1 A1 A1 ?
FX4UHF FX6UHF FX1UHF	432.870 432.870 432.830	ZD52c ZE18? BI21b	5W ? ?	2x10el.yagi ? ?	NNE ? ?	900m 60m ?	F1 A1 ?
GB3SIX	50.020	XN49f	100ERP	4el.yagi	W	58m	F1
GB3SX GB3SU	70.685 70.695	AL71d ZN61a	16ERP 20ERP	turnstile 2xtil.turnst.	omni omni	168m 440m	F1 A1/F1
GB3CTC GB3VHF GB3ANG	144.915 144.925 144.975	XI64a AL52j YQ35c	75ERP 50ERP 20ERP	2st.clov.leaf 5el.yagi 4el.yagi	omni NNW SSE	122m 268m 900m	A1/F1 F1 F1
GB3WHA GB3SUT GB3EM	432.810 432.890 432.910	AL71d ZM31b ZN32b	25ERP 60ERP 50ERP	2x8+8 yagi 2x8+8 yagi 8+8 yagi	NW/E N/SE SE	165m 270m 600m	F1 F1 F1
GB3BPO GB3AND GB3DUN GB3IDW GB3CLE GB3MLE GB3EDN	1296.830 1296.870 1296.890 1296.900 1296.910 1296.930 1296.990	AM77j ZL63b ZLØ8e ZK34a YM48h ZN32b YPØ4g	700ERP 50ERP 2ERP 100ERP 10ERP 50ERP 25ERP	2x32slot.waveg. stack.slots HB9CV alford slot 2x15+15 yagi corner refl. 2xcorn.refl.	W/E omni N omni N/SE SSE NW/NE	85m 85m 263m 250m 573m 600m 117m	F1 F1 F1 F1 F1 F1 F1
GB3NEW GB3LDN	2304.010 2304.050	ZL63b AL41a	5ERP 25ERP	? ?	E NW/NE	85m ?	F1 F1
GB3UOS	3456.000	ZN42c	4ERP	slot.waveg.	N/S	400m	F2

GB3IOW GB3LBH GB3ALD GB3LEX GB3XGH	10100.000 10100.000 10120.000 10400.000 10400.000	ZK34a AL31c YJ30h ZM24d YN67b	0.15ERP 1.5ERP 1ERP ? 1ERP	slot.waveg. waveguide sect.horn slot.waveguide	omni omni NNE ? omni	250m 45m 90m ? ?	F2 F2/F3 F2 F2 F2
H89H H89HB H89W	144.150 144.865 144.875	EF06a DH66c EH43d	? 10W 36mWERP	? 10el.yagi halo	? NNW omni	? 1300m 490m	? F1 A1
H89F H89F	432.984 1296.945	DG40c DG08c	15ERP 15ERP	corn.reflect. 2xcorn.reflect.	N/S NE/SW	3573m 937m	F1 F1
I10 IS0A I0A I1G IT9G	144.180 144.810 144.825 144.830 144.840	DF58c EA08a GB12d DF58c GY67c	20mW 16ERP 32ERP 10W 400ERP	dipole turnstile 4xbig wheel big wheel ?	N/S omni omni omni ?	625m ? 50m 625m ?	A1 A1 A1 A1 ?
IV3B I5B I2B I1H	432.070 432.122 432.192 432.370	GF30h FD25h EF16g DF58c	3ERP 80ERP 70ERP 20ERP	? ? 2x10el.yagi 3el.yagi	? ? SE/SW N/S	? ? 400m 625m	? ? A1 A1
I1I	1296.105	DF58c	0.4ERP	square corner	S	625m	A1
LA5VHF LA1VHF LA2VHF LA4VHF	144.855 144.860 144.870 144.890	JD25e ET13e FX43g CU47a	60W 25W 20W 300W	4x10el.yagi ? 9el.yagi ?	SSW omni NNE N	? 1820m ? 100m	A1 A1 A1 A1
LA1UHF LA2UHF LA3UHF LA4UHF	432.860 432.870 432.880 432.892	FT05g FX43g DS78f CT57d	10ERP 15W 50ERP 5W	big wheel 19el.yagi 15el.yagi dipole	omni NNE S omni	380m ? 15m 50m	F1 A1 A1/F1 A1/F1
LA2SHF	1295.985	FX43g	0.2W	?	omni	?	A1
LX0LX LX1LX	144.138 144.139	DJ31b CJ???	7W 10W	turnstile ?	omni ?	380m ?	F1 ?
LX0LX LX0LX	432.417 1297.252	DJ31b DJ31b	7W 5W	13el.yagi 24el.yagi	S S	380m 380m	F1 F1
LZ2F	145.980	ND40f	25ERP	?	omni	295m	?
OE3XAA OE5FO	144.126 144.955	II71d GI77a	0.5W 15W	? 5+5el.yagi	omni NW	? 700m	? F1
OE3XAA OE3XMB	432.378 432.400	II71d HI08b	1ERP 100mW	4el.yagi 9el.yagi	NNE NW	? 1246m	? A1
OE3XMB	1296.350	HI08b	100mW	10el.group	NW	1246m	A1

OH2NUA	144.300	MU52j	0.5W	turnstile	omni	?	A1
OH8VHF	144.800	MZ79h	40W	16el.collinear	N/S	240m	A1
OH6VHF	144.900	KW59f	50/100W	2x6el.yagi	N/SW	220m	A1
OH3AS	145.350	?	10W	?	omni	320m	F1
OH2NRA	432.300	MU65g	5W	turnstile	omni	20m	A1
OKØEA	144.952	HK18d	4mW	2xdipole	N/S	1450m	F1
OKØEB	144.963	HI12a	80mW	big wheel	omni	1083m	F1
OKØET	144.992	KI18a	1W	3el.yagi	W	981m	F1
OKØEA	432.960	HK18d	4mW	2xdipole	NW/SW	1450m	F1
OKØEA	1295.975	HK18d	1W	2x10el.yagi	NW/SW	1450m	F1
ON4VHF	144.985	CK23e	2.5W	big wheel	omni	?	F1
OY6VHF	144.885	WW76d	60ERP	4el.yagi	SE	350m	A1
OY6UHF	432.885	WW76d	30ERP	5el.yagi	SE	350m	A1
OZ3VHF	144.150	?	0.1W	halo	omni	?	?
OZ7IGY	144.930	FP39b	50ERP	big wheel	omni	96m	A1
OZ2UHF	432.450	EPØ3c	6W	big wheel	omni	?	F1
OZ7IGY	432.930	FP39b	50ERP	big wheel	omni	94m	A1
OZ2ALS	432.982	EP79c	5W	2xmalt.cross	omni	?	A1
OZ3UHF	1296.060	FR43j	0.25W	H89CV	SE	?	?
OZ7IGY	1296.930	FP39b	5ERP	big wheel	omni	95m	A1
PI3UHF	145.452	CL1Øh	3ERP	4xclover leaf	omni	?	A1
PAØDSW	433.035	CM35f	1.2ERP	malt. cross	omni	?	A1
PAØQHN	1296.915	CM53j	4ERP	slott.aerial	omni	?	F1
PAØZM	1296.975	DM65h	400ERP	dish	270°	100m	F1
PAØQHN	2304.920	CM53j	2ERP	slott.aerial	omni	?	F1
PAØHSM	10140.000	CM53j	0.76ERP	4xhorn	omni	?	F3
SK2VHF	144.875	JY69h	30W	2xclov.leaf	omni	300m	A1
SK2VHG	144.890	KB61a	?	?	?	?	?
SK7VHF	144.920	GP38c	30W	2xclov.leaf	omni	190m	A1
SK1VHF	144.950	JR51d	10W	2xclov.leaf	omni	60m	A1
SK4MPI	144.960	HU46d	100W	4x6el.yagi	N	510m	A1
SK3UHF	432.855	IW4Øb	10W	4xdoub.quad	omni	180m	A1
SK6UHF	432.925	GR41d	10W	clover leaf	omni	75m	A1
SK4UHF	432.960	HT55j	60W	4x10el.log.per.	N/SW/SE	285m	A1
SK5UHF	432.975	IU79g	25ERP	big wheel	omni	90m	A1
SK6UHI	1296.800	GQ45d	10ERP	clover leaf	omni	220m	A1
SKØUHG	1296.835	IT6Øh	15ERP	2xhelical	omni	30m	F1
SK7UHG	1296.920	HR21j	2ERP	big wheel	omni	350m	A1

SK6UHG	1296.925	FR29g	10W	4xbig wheel	omni	35m	A1
SK4UHG	1296.960	GU79d	4W	2x15el.yagi	S	450m	?
SK6UHI	2304.800	FS58f	1W	2x?el.yagi	S/SW	80m	A1
SK6SHG	10368.800	FS58f	10ERP	20dB horn	?	80m	A1
SP8VHA	144.430	LL53d	1W	dipole	omni	?	A1
SP9VHI	144.935	JK80c	50mW	cross dipole	omni	200m	A1
SP3VHG	144.945	HL08j	6W	2xdipole	omni	240m	A1
SP6VHF	144.966	HK29d	0.15W	2el.yagi	NE	1602m	A1
SP2VHC	144.980	JO51b	28W	clover leaf	omni	?	A1
SP6VHF	431.998	HK29b	60mW	2el.yagi	NE	1602m	A1
SP9VHB	432.093	JJ19f	5W	dipole	N	944m	A1
SP8VHA	432.290	LL53d	1W	dipole	?	?	A1
SP9VHB	1296.280	JJ19f	5W	6el. reflector	N	944m	A1
UB5SAY	144.007	MJ72d	5W	V-dipole	omni	300m	A1
UK5EAS	144.050	RI56?	0.2W	groundplane	omni	?	A1
UK0FAI	144.090	144.0, 0.46	0.15W	V-dipole	omni	?	A1
UP2WN	144.136	MP72j	3W	?	?	?	A1
UK3MBQ	144.156	SR08e	3W	turnstile	omni	155m	A1
UK5UDX	144.177	PK52f	5W	dipole	N/S	169m	A1
UK4NAU	144.185	YS60g	3W	dipole	NNE/WSW	120m	F1
UK4NBY	144.199	YT45f	5W	9el.yagi 12dB	NNW	?	A1
UK3TAA	144.250	VQ60g	0.5W	V-dipole	?	?	A1
UK5JAA	144.250	RE13a	1W	turnstile	omni	1000m	A1
UK5GAA	144.270	QG???	5W	dipole	N/S	?	A1
UK5YAB	144.500	MI60e	5W	dipole	?	?	A1
UK2CAU	144.942	NO55a	0.2W	dipole	N/S	?	A1
UK5UBZ	145.002	PK52c	2.5W	V-dipole	omni	187m	A1
Y02KHP	144.957	KF17f	2.5W	turnstile	omni	80m	A1
Y03KAA	145.900	NE41j	0.2W	dipole	omni	80m	A1
YU3VHF	144.506	HG76a	2W	cross dipole	omni	1219m	A1
YU7VHF	144.940	JF69	1W	?	?	?	?
YU3UHF	432.507	HG76a	?	log.periodic	?	1219m	A1
Y41M	144.932	GL53g	0.2ERP	2xdipole	omni	232m	A1
Y41B	144.984	FN28f	10W	2xbig wheel	omni	?	F1
Y41N	432.030	GK05g	0.1W	doub.quad	NW/SE	360m	A1
ZB2VHF	50.040	XW64g	20W	5el.yagi	WNW	117m	A1
ZB2VHF	144.145	XW64g	15/35W	8el.yagi	NE	117m	A1
5B4CY	50.500	QU14g	35W	5el.yagi	WNW	2000m	A1
5B4CY	144.139	QU14g	40W	6+6el.yagi	NW	2000m	A1
9H1VHF	144.830	HV03f	1.5W	turnstile	omni	?	A1

EUROPEAN VHF TOP LIST

144 MHz

NR CALL BTH WVD TROPO FURD MS ES

301 SM7RED OG 411 1522 1600 2074 2185
 302 SM7FJE OG 407 1642 1600 2241 1751
 303 Y2EME AH 384 1577 1579 2293 2157
 304 DK6RS FM 364 1260 1365 2510 1930
 305 PA6RDY CM 353 1439 1959 2262 2293
 306 G8RAI FL 335 1565 1466 2275 2151
 307 DF8SA FN 332 1643 1366 2106 2222
 308 SM0FFS JT 327 1820 1560 2030 2190
 309 SM4IVE HT 322 0950 1940 2026 2121
 310 F6CJG/F BF 319 1748 1892 2510 2336
 311 UR3LBO SO 315 1804 1933 2273 2467
 312 DK1KO FN 315 1625 1745 2124 2194
 313 SP2DX JO 313 1464 1760 2337 ----
 314 SM5CHK HS 308 1262 1520 1991 2060
 315 SM5BEI JU 304 1525 1777 2702 2455
 316 DL7GV GM 293 1402 1751 2353 1645
 317 DK3UZ EN 287 1500 1837 2021 3100
 318 I4BMN FE 279 1600 1520 2102 2670
 319 G3POI AL 278 1500 1566 2113 2000
 320 PA000M DN 275 1320 1302 2310 2215
 321 UR2RQT MS 272 1210 1840 2172 ----
 322 SM5CUI IT 271 1590 1600 2190 ----
 323 DL1MF GH 271 1530 1512 2085 1899
 324 PA2VST CM 270 1459 1803 2283 2315
 325 ON5OW DL 270 1430 1625 2080 2150
 326 DJ5MS/GI 270 1260 1160 2011 1930
 327 Y232I FL 268 1785 1260 1925 2075
 328 SM3BIU HX 268 1460 1890 2260 2250
 329 YU2IO HE 268 1210 ---- 1955 3462
 330 Y21PL GL 266 1760 1360 2110 1960
 331 SP5JO KM 266 1740 1740 1960 1861
 332 HG1YA IH 265 1360 1240 2002 2361
 333 OH3TH LV 265 1355 1563 2217 2063
 334 SM7GJW HS 264 1250 1770 1966 2007
 335 UR2EQ NT 263 1245 1540 2240 2245
 336 O29FW GP 262 1328 1292 1954 1963
 337 OK3AU KI 261 1638 1537 2065 2336
 338 SM4COK HT 261 1440 1570 2080 1940
 339 SM7WT GP 260 1590 1660 1930 2160
 340 I4EAT FE 260 1550 1420 2240 2500
 341 DK1FZ FL 257 1567 1364 1667 1866
 342 OH2BBF LT 257 1386 2000 2125 2144
 343 DJ3JC DL 256 1650 1362 1925 2015
 344 CM0CKR KX 256 1630 1660 2310 1810
 345 OZ1EYX GO 256 1362 1502 1839 1863
 346 LA2FT FT 251 1438 1660 2020 2427
 347 YU3ES GP 251 1167 1004 2074 2483
 348 YU1EU KE 250 1680 ---- 2200 2380
 349 OK1KKH HJ 250 1483 1618 1969 1948
 350 OE3XUA AH 248 1610 1240 2160 1785
 351 Y02IS KF 248 1380 1775 2040 2360
 352 SM5DRV HR 248 1330 1410 1810 ----
 353 SM8DJW IS 246 1340 1810 1840 2160
 354 DL4EA DL 246 1275 1723 2078 2062
 355 I64NJ HC 245 2075 1958 2214 2261
 356 PA0NMJ CM 245 1303 1839 1997 2212
 357 Y21PL GL 244 1760 1360 2110 1960
 358 DK4TG DL 244 1410 1730 2440 2000
 359 I3LGP GF 243 1000 2020 1300 3150
 360 OZ1EKI EP 242 1455 1787 2088 2212
 361 PA8AOU DM 241 1332 1673 1763 2193
 362 ON6UG BL 241 1089 1813 2640 3296
 363 OZ1FDV GP 240 1367 1542 1981 2209
 364 PA0KDH DN 240 1361 1510 2051 2236
 365 OZ6OL FF 239 1800 1700 ---- 1300
 366 PA0FTF CK 239 1500 1900 ---- 2900
 367 SM4RY HT 238 1714 1760 1880 1960
 368 OZ8SL GP 238 1476 1305 ---- 2188
 369 OH4JN JU 238 1451 1356 2106 2198
 370 SM5BSZ JT 233 1830 1720 1890 2060
 371 PA3BIY CM 233 1300 1350 2000 2356
 372 DF6NA EJ 232 1156 1120 2080 1709
 373 SM5FRH GT 231 1580 1690 1630 ----
 374 SM4AGG HT 231 1286 1915 1936 1670
 375 YU7EV KF 229 1868 1172 1930 2425
 376 SM5CNG HS 228 1638 1751 1909 1843
 377 G4SDC ZO 228 1435 1342 1942 2265
 378 SM3AKN IW 226 1600 1770 2150 2310
 379 PA3BBB CM 226 1203 1436 1907 2311
 380 YU3CAB HG 225 1463 1530 2165 3356
 381 G8FUF AL 224 1510 1410 2466 1800
 382 Y23FG FM 224 1560 1375 2010 2082
 383 DK5VS DJ 223 1350 1960 2240 3230
 384 YU7BCX KF 220 1868 1172 1956 2425
 385 SH01OT JT 218 1300 1700 1820 2100
 386 OZ1FTU FP 218 1282 1252 1794 1690
 387 DF2ZC DK 218 1890 1686 2304 2009

388 UO0AB NH 217 1350 1350 1960 2260
 389 UBSJIN RE 216 1705 1437 2500 2326
 390 SM0HAW JT 216 1258 1843 1820 2230
 391 UR3CZ MS 214 1357 1720 2141 2174
 392 O200H YK 212 1656 2131 ---- 2379
 393 SM5EJN IT 212 1770 1630 2240 1920
 394 SM6QX GR 212 1530 1360 1470 1790
 395 SM5AOJ JT 212 1360 1360 1360 ----
 396 ER3LL EN 211 1925 ---- 2155 3213
 397 DK2PA EN 211 1450 1520 1840 2325
 398 DK3MT FN 211 1350 1450 1600 1990
 399 F63ST CG 210 1531 1193 2050 2705
 400 SM5GSI HS 208 1660 1730 1850 ----
 401 DF4DL EL 203 1569 1566 2003 2020
 402 G34ICD VJ 207 1420 1109 2050 2390
 403 SM5BYC IT 207 1360 1713 1936 2290
 404 YU1EV KE 206 1650 ---- 2165 2200
 405 G41SD VL 205 1289 1250 2198 1667
 406 DF6DO FM 203 1421 1349 1829 1863
 407 SM4HRQ HT 202 1750 1590 1950 1930
 408 F8UP CG 202 1228 1196 2028 2720
 409 Y23PA GO 202 1168 1100 1710 ----
 410 PA3GCR CL 201 1327 1249 2100 2113
 411 SM5DCH IV 201 1330 1350 2200 ----
 412 HG8ET KG 201 1231 1118 2000 2162
 413 SM5GL IV 200 1563 1560 1955 ----
 414 G3NSM ZL 197 1489 1667 1872 2231
 415 Y240Q GM 197 1250 960 1846 1840
 416 Y24TH GK 195 1790 1310 1920 1630
 417 OH4YZ CK 193 1530 1480 ---- 1375
 418 OZ5JFL GI 193 1503 1155 1964 1823
 419 OZ1JCL GP 192 1369 1369 2331 2206
 420 LH8AK DS 192 1325 1722 1797 ----
 421 HG5KQD JH 192 1307 ---- 1549 2195
 422 SM5AGM JT 191 1930 1740 ---- 2000
 423 OK1KH/P HK 191 1635 1156 ---- 2042
 424 PA0BAT DL 191 1078 1377 2498 2047
 425 F1PHI ZH 189 1437 1834 2125 2642
 426 UR2RDR MS 189 1200 1750 1600 2100
 427 I1IMP DF 189 1001 930 1864 2718
 428 DL7AN CM 188 1310 1140 1936 1845
 429 PA3RND GM 188 1279 1586 1940 1873
 430 DK3LL FO 187 1525 1187 1875 1812
 431 SM7GEP HR 185 1140 1423 1553 1902
 432 SM4FXR HT 184 1280 1430 1760 ----
 433 OZ3WQ FO 183 1340 960 ---- 2338
 434 SM5FUD HT 181 1445 1601 1616 2060
 435 SM3UL IV 180 1000 1520 1910 2363
 436 G3SEK ZL 179 1560 1681 1872 2154
 437 SM0DFP IT 178 1830 1590 2030 ----
 438 Y59UN GK 178 1790 1220 1920 1630
 439 SM5LE JT 178 1440 1470 2190 ----
 440 UBSVM FK 178 1376 1270 2410 1457
 441 PA0SLC CM 176 1528 1610 1750 1960
 442 RR2TEJ NT 176 1422 1760 ---- 2070
 443 UR3CTF WQ 176 0830 1374 2498 2184
 444 UR2RGM MT 175 1131 1768 1429 2157
 445 ON6UG EL 175 1089 1013 2640 1950
 446 F6FHF AE 172 1752 ---- 2243 2185
 447 DL7WC GM 171 1360 1240 1550 1800
 448 PA0SLC CM 171 1258 1513 1848 1772
 449 UR1MC FU 170 1500 1540 2145 ----
 450 F9FT CJ 170 1440 1440 2017 ----
 451 DB6BX DM 170 1398 1094 ---- 2059
 452 UR2AO MT 169 1162 1176 1792 2136
 453 UR2NW LT 166 1380 1570 1797 ----
 454 SP8AOV LL 165 1224 1723 1821 1851
 455 DL2OM DK 165 1073 1712 2104 2039
 456 PA0SLW PO 164 1372 1675 2208 ----
 457 PA0LSC CM 163 1528 1590 1750 1960
 458 OZ1DPR EP 163 1373 1215 1327 2015
 459 HB900 EH 163 1330 1250 1685 1520
 460 UZ2BBC LP 163 1260 1904 1989 ----
 461 PA0JUZ CM 163 1159 1420 1639 1980
 462 UR2HD LS 163 1050 1918 ---- ----
 463 SM5AGP IT 162 1820 1710 1560 ----
 464 G3MSN DL 162 1522 1821 2076 2077
 465 OZ3ZW FO 161 1340 1670 ---- 1730
 466 DL7ACG GM 160 1440 850 1997 ----
 467 OZ5VPL HI 159 1434 836 1929 1680
 468 Y25OL GL 158 1825 950 ---- ----
 469 SM3COL IW 158 1784 1693 1687 ----
 470 YK2RY FJ 158 1300 1400 1800 ----
 471 DK4ZD GM 157 1380 1440 ---- 1854
 472 OZ1D00 GP 157 1010 1090 1442 1828
 473 OK11DK GJ 156 1843 1438 1983 1776
 474 OK1AGE/P HK 156 1481 1136 ---- ----

EUROPEAN UHF TOP LIST

432 MHz

NR CALL QTH WKD TROPO AURO MS ES

001	DF3XU	FN	165	1607	1857	----	----
002	DL70Y	FJ	151	1356	958	----	----
003	DL7YC	GM	150	1225	----	----	----
004	OZ7IS	GP	124	1273	928	----	----
005	SM3AKW	IN	117	1130	810	----	----
006	OK1AIB/P	HK	113	1267	----	----	----
007	SM7BEE	GP	113	1220	850	----	----
008	OK3TH	LV	113	1199	943	----	----
009	ON5FF	BL	110	1170	736	----	----
010	SM5DWC	IT	109	1400	810	----	----
011	DB6BX	DM	109	1398	----	----	----
012	SM0FFS	JT	109	1380	740	----	----
013	G3LOR	AM	109	1343	873	----	----
014	PA0FRE	CL	109	1337	815	----	----
015	SM6CKU	GR	108	1170	660	----	----
016	DK5AI	FL	105	1162	----	----	----
017	SM5BEI	JU	104	1233	1016	----	----
018	OK1KHI/P	HK	102	1424	----	----	----
019	F1FHI	ZH	102	1330	----	----	----
020	PA0WMM	CM	102	1298	726	----	----
021	DK2NH	FN	101	1607	805	----	----
022	SM0DFP	IT	101	1410	830	----	----
023	DJ3DL	DL	101	1274	615	----	----
024	OK1KIR/P	GK	100	1331	----	----	----
025	Y22ME	HM	100	1237	674	----	----
026	DL7AN	GM	99	1240	----	----	----
027	OZ9FW	GF	98	1305	1035	----	----
028	DB6NT	OK	96	1505	----	----	----
029	GJ4ICD	YJ	96	1300	800	----	----
030	SM5CPD	IT	96	1230	380	----	----
031	DC9CSA	GM	96	1171	----	----	----
032	UR3LBO	GO	94	1426	1203	----	----
033	PE0RGO	DM	93	1325	----	----	----
034	OZ7LX	FP	93	1315	720	----	----
035	DK1PZ	FL	93	1018	----	----	----
036	DK6AS	FM	91	1360	620	----	----
037	Y23FG	CM	90	1560	615	----	----
038	F3FT	FJ	90	0960	----	----	----
039	PA0JQZ	CM	89	1156	----	----	----
040	G3COJ	ZL	87	1469	536	----	----
041	SM6HYG	FS	87	1410	600	----	----
042	SM6FYU	GO	87	1221	706	----	----
043	Y23PA	GO	85	1102	----	----	----
044	Y22HA	GO	83	1414	----	----	----
045	ON5GF	CK	83	1115	----	----	----
046	ON7HP	??	83	0799	----	----	----
047	DL4EA	DL	82	1265	322	----	----
048	OZ3GW	FQ	80	1090	620	----	----
049	OK1RIY/P	HK	79	1351	----	----	----
050	DL7ACG	GM	78	1279	----	----	----
051	SM0DYE	JT	78	1205	845	----	----
052	DB5AQ	FL	78	1050	----	----	----
053	PA0VV	CM	77	1180	----	----	----
054	DF3EE	DL	77	1160	742	----	----
055	Y22EN	GK	75	1395	----	----	----
056	DL7HR	FI	74	1256	980	----	----
057	OE3XUA	HH	74	1215	----	----	----
058	OH2BBF	LT	74	1164	773	----	----
059	G3UBX	YM	73	1101	----	----	----
060	Y23BD	GM	72	1150	----	----	----
061	DF7VX	EL	72	1105	658	----	----
062	DF2YQ	DL	72	1077	475	----	----
063	G8HYV	YK	71	1500	----	----	----
064	OH0NC	JU	71	1338	689	----	----
065	OZ20E	EP	71	1130	750	----	----
066	G4BEL	AM	71	1175	----	----	----
067	SM5CUI	IT	71	1150	1260	----	----
068	Y24BO	GM	71	1066	838	----	----
069	SM0CPA	IT	71	1060	800	----	----
070	DC7QH	GM	71	0960	509	----	----
071	SM7CFE	HQ	70	1420	----	----	----
072	SM5CPD	IT	70	1230	380	----	----
073	DF5JJ	DL	70	0900	----	----	----
074	DD2EK	DL	69	1284	----	----	----
075	SM5CUL	IT	68	1150	1260	----	----
076	DL5FBU	EK	67	1120	----	----	----
077	OZ9SW	EQ	65	1050	----	----	----
078	DJ6XV	DL	65	0927	508	----	----
079	G3WSH	AL	63	1385	----	----	----
080	UF2BBC	LP	62	1125	807	----	----
081	OZ3ZU	FO	62	1123	----	----	----
082	SP9FG	JJ	61	1327	----	----	----
083	F6CJG/P	BF	61	1170	----	----	----
084	SM5DSN	IT	60	1470	670	----	----
085	OK1KTL/P	GK	60	0993	----	----	----
086	ON6UG	BL	60	0970	420	----	----
087	DK8VS	DJ	60	0920	----	----	----

088	SM5LE	JT	59	1560	713	----	----
089	DL7RU	GM	59	1251	----	----	----
090	UR2EO	NT	59	1160	507	----	----
091	SM7GEF	HR	58	1106	533	----	----
092	PE0DL	CL	58	1033	----	----	----
093	DG4EB	EN	57	1154	----	----	----
094	HB9AOF	DG	57	0820	----	----	----
095	DK3UC	FN	55	1380	500	----	----
096	PA2HJS	CK	54	0832	----	----	----
097	DF1EO	DL	54	0811	----	----	----
098	Y2400	GM	53	1100	----	----	----
099	DK1KO	FN	53	0920	----	----	----
100	DF1OH	EM	52	1158	675	----	----
101	PA0JTA	CL	52	0920	----	----	----
102	SM4RY	NT	51	1330	550	----	----
103	DF3CK	FM	51	1144	567	----	----
104	SM6FHZ	GO	50	1310	500	----	----
105	SM3IVE	HT	50	0938	703	----	----
106	HB900	EH	49	1380	----	----	----
107	PA3BBR	CM	49	1328	----	----	----
108	Y21PL	GR	49	0828	----	----	----
109	YU3CB	HQ	49	0564	----	----	----
110	SP1DSU	HN	48	1340	730	----	----
111	UR2NN	LT	48	1060	675	----	----
112	SP5JC	KM	48	1120	566	----	----
113	UR2ROT	NS	46	0853	653	----	----
114	SM7GJU	HS	44	1132	628	----	----
115	F6ECI	EI	44	0880	----	----	----
116	SM2CKR	KV	43	1215	620	----	----
117	DC9VA	DJ	43	0920	----	----	----
118	SM7FND	HR	43	1106	----	----	----
119	SM0AGP	IT	42	0740	410	----	----
120	SM4DHN	GU	41	1240	1030	----	----
121	DL7HC	GM	40	0755	----	----	----
122	I2FUM/2	EE	39	0802	----	----	----
123	GM3ZSS	FR	38	1400	----	----	----
124	HB9M10/P	DH	38	1010	----	----	----
125	DG1HZ	FJ	38	0763	----	----	----
126	DL2QM	DK	38	0670	639	----	----
127	HG1YA	TH	38	0631	----	----	----
128	OE5XPL	HI	37	1175	----	----	----
129	DG46AN	EI	37	1151	----	----	----
130	UR2AO	MT	35	1131	----	----	----
131	UR2GCM	MT	35	0820	----	----	----
132	ON50W	BL	34	0960	----	----	----
133	LA8RK	DS	34	0800	----	----	----
134	F6EAS	ZI	34	0638	----	----	----
135	DK2PR	EN	33	1200	----	----	----
136	OZ1FDH	GP	33	1033	502	----	----
137	SM3BIU	HX	33	0920	720	----	----
138	UR2NIU	LS	32	1100	----	----	----
139	SM5EVK	IS	32	0740	----	----	----
140	UR2RIC	LS	31	0673	----	----	----
141	IW5AVM	FC	30	0752	----	----	----
142	OK3RU	KI	29	1172	----	----	----
143	OE1KTC	II	29	0808	----	----	----
144	UR2GZ	MS	28	0600	----	----	----
145	UR20A	NS	26	0803	----	----	----
146	YD2IS	KF	25	1020	----	----	----
147	SM3UL	IV	25	0532	674	----	----
148	UR2JL	MT	25	0405	----	----	----
149	OE3FUW	II	22	0495	----	----	----
150	UR2WY	LT	21	0650	----	----	----
151	DF2CA	EN	19	0680	----	----	----
152	UR3TCF	WQ	19	0570	303	----	----
153	OE3RRA	II	18	0890	----	----	----
154	OE3CEW	II	17	0562	----	----	----
155	OE1WBS	II	12	0600	----	----	----
156	OE1APS	II	12	0497	----	----	----
157	OE6IWG	HH	11	0335	----	----	----

EUROPEAN SHE TOP LIST

1296 MHZ

NR CALL QTH WKD TROFO

001	DF3XU	FN	74	1277
002	PA0EZ	CM	59	0810
003	OK1KIR/P	GK	55	1208
004	G3LOR	AM	55	1097
005	PA0FRE	CL	55	1027
006	HB9AMH/P	DH	51	1130
007	DL7QY	FJ	50	1018
008	PA0NMW	CM	49	0809
009	DB6NT	FK	48	1082
010	OK1AIY/P	HK	47	1350
011	PE0AGD	DM	47	1054
012	PE1CHO	DM	46	0730
013	SM0DFP	IT	45	1057
014	G4BYV	AM	45	0903
015	DK3UC	FN	45	0884
016	DK2NH	FM	42	0805
017	DL7YC	GM	41	1040
018	OZ7IS	GP	41	0810
019	DK5AI	FL	40	0868
020	OZ2OE	EP	38	0941
021	SM5DMC	IT	37	1060
022	SM6ESG	OR	36	0980
023	SM0FFS	JK	35	1040
024	ON5GF	CT	35	0995
025	DL3FAU	EK	35	0740
026	DK1PZ	FL	34	0965
027	DK6AS	FM	34	0857
028	DF1EO	DL	34	0661
029	HB9RG	CJ	32	0820
030	LX1DU	CH	32	0600
031	G4BEL	AS	31	1025
032	SM6HYG	FS	31	1018
033	DB6BA	DM	31	0723
034	PA2HJS	CK	31	0690
035	SM5BE1	JU	26	0877
036	DF3CK	FA	26	0899
037	OZ3ZH	FO	26	0793
038	PA0VV	CH	24	0622
039	DC0DA	DL	23	0620
040	OK1AIB/P	HK	20	0656
041	UR2EQ	NT	20	0468
042	DL7AN	GM	19	0814
043	DL9GU	EJ	19	0878
044	G3COJ	ZL	18	0963
045	ON6UG	EL	17	0760
046	OK1KTL/P	GK	17	0467
047	DC7QH	SM	16	0640
048	HB9MIO/P	DA	15	0675
049	DL4EA	DL	15	0403
050	DJ8OL	EJ	14	0778
051	DD2EK	DL	14	0449
052	DF3EE	DL	13	0488
053	DL3NQ	EJ	12	0630
054	OE3XUA	HH	11	0548
055	OE5XFL	HI	11	0321
056	OZ3GV	FO	10	0550
057	DF5JJ	DL	10	0455
058	HB9AOF	IG	10	0330
059	OK1KTC/5	GI	10	0327
060	OH3TH	LV	9	0418
061	OK1KTL	GK	9	0403
062	OK3CDB	II	6	0308
063	DF3CA	EN	8	0378
064	OG4BB	EN	8	0291
065	HG1YA	IH	6	0265
066	LA8AK	DS	5	0535
067	DF1OH	EM	5	0229
068	OG4GAN	EI	5	0147
069	F1FPI	ZH	4	0344
070	DL7HG	GM	3	0520
071	SP9FG	JJ	3	0240
072	UR2ROT	NS	3	0132
073	OE3PUN/3	HH	3	0100
074	OE1KTC	II	3	0099
075	OE1APS	II	2	0093

2320 MHZ

NR CALL QTH WKD TROFO

001	DL7QY	FJ	22	1018
002	OK1KIR/P	GK	21	0866
003	PA0EZ	CM	21	0790
004	DB6NT	FK	21	0528
005	G4BYV	AM	17	0869
006	PA0AGD	DM	15	0725
007	DL5FAU	EK	15	0582
008	G3LOR	AM	14	0880
009	PA0FRE	CL	13	0824
010	DC3OS	DM	13	0419
011	DL7YC	GM	12	0634
012	DF1EO	DL	12	0461
013	PA0JGF	DM	11	0444
014	PA0NMW	CM	11	0373
015	DK3UC	FN	10	0402
016	DC0DA	DL	9	0429
017	DF3CK	FA	9	0418
018	PA2HJS	CK	9	0388
019	SM6HYG	FS	8	1018
020	SM6ESG	OR	8	0880
021	DJ8OL	EJ	8	0463
022	OK1AIY/P	HK	8	0430
023	LX1DU	CJ	7	0300
024	DF3XU	FN	6	0416
025	DL3NQ	EJ	6	0198
026	OK1KTL/P	GK	5	0235
027	DC8UG/P	DK	5	0230
028	DK5AI	FL	4	0275
029	DL9GU	EJ	4	0269
030	OK1AIB/P	HK	4	0243
031	G4LRT	ZM	3	0381
032	SM5CCY	HS	3	0082
033	SM5DJH	HS	3	0080
034	DK2NH	FM	2	0069
035	DF5JJ	DL	1	0042
036	DD2EK	DL	1	0015

3456 MHZ

NR CALL QTH WKD TROFO

001	DC3OS	DM	7	0419
002	DL7QY	FJ	6	0529
003	DC0DA	DL	6	0429
004	G3LOR	AM	6	0427
005	DB6NT	FK	6	0288
006	PA2HJS	CK	4	0388
007	PA0JGF	DM	4	0376
008	DF1EO	DL	4	0118
009	G4AGN/P	ZN	4	0115
010	G4BYV	AM	2	0384
011	DF5JJ	DL	2	0060
012	DB6NT	FK	1	0067
013	DL7YC	GM	1	0005

5760 MHZ

NR CALL QTH WKD TROFO

001	DL7QY	FJ	4	0052
002	HB9AJF	EH	3	0217
003	DB6NT	FK	3	0060
004	HB9MDP/P	EH	1	0054
005	PA0MGA	DM	1	0030
006	G4KGC/F	ZL	1	0026
007	SM5DJH	HS	1	0010

10368 MHZ

NR CALL QTH WKD TROFO

001	I6ZAU	GD	14	0832
002	I3CLZ/3	FF	13	0571
003	YU3JN/3	GF	13	0563
004	I4CHY/4	FE	11	0633
005	I3ZJL/3	FF	11	0572
006	I4ARKY	FE	11	0570
007	I4QIG/4	FE	11	0440
008	YU3JRI	HG	10	0344
009	I4BER	FE	9	0340
010	YU3TAL	GF	9	0322
011	I2EBH/2	EE	9	0237
012	I4ARKY	FE	7	0320
013	I4XCC	GD	7	0292
014	I4ZTO/4	FE	7	0290
015	HB9AJF	EH	7	0204
016	HB9MIN/P	FE	6	0310
017	I4FKD/4	FE	6	0260
018	HB9MDP/P	EH	6	0205
019	DL7QY	FJ	6	0171
020	IW3OCV	GH	5	0250
021	HB9MIO/P	DA	5	0217
022	DL3NO	EJ	5	0113
023	PA2DOL	CL	4	0160
024	PA0EZ	CM	4	0105
025	OE3XUA	HH	4	0077
026	SM0DFP	IT	4	0060
027	OH2BLU	MU	4	0057
028	ON6UG	BL	3	0174
029	DB6NT	FK	3	0171
030	YU3CAB	HG	3	0107
031	DF1EO	DL	2	0074
032	OE1WEB	II	2	0050
033	DK7GN/P	EI	2	0017
034	PA0FRE	CL	2	0010
035	OG4BB	EN	2	0002
036	DB8FP/P	EK	1	0061
037	OK1KTL/P	GK	1	0042
038	I2DZQ/3	EF	1	0027
039	LA8AK	DS	1	0016
040	DF3CA	EN	1	0015
041	OH4DAB	DL	1	0002

VHF-Listener: G 15556 ZN 13g heard:

2m:
262 1596 1758 2601 2711

70:
39 943

DEAD-LINE FOR TOP LIST 1982 :

18.6. - 17.9. - 26.11.

Until these dates all
information will be worked up.

wkd = Number of squares worked.
The list is published continuously.
Data compiled above base on uncon-
firmed claims by the operators.