
The DX Bulletin

Issue 59

October 13, 1980

PROPAGATION FORECAST: Oct. 13, High Normal; Oct. 14, High/Low Normal; Oct. 15-17, High Normal; Oct. 18, High/Above Normal; Oct. 19, High/Low Normal; Oct. 20, Above Normal; Oct. 21, Above/High Normal; Oct. 22-27, High Normal. TNX N4XX.

CQ MAGAZINE'S DX column will have a new editor beginning with the January, 1981 Issue. The column has been written by K4IIF for several years, with assistance at times from W7OM and occasionally others. The new editor will be Hugh Cassidy, WA6AUD, former editor and publisher of the West Coast DX Bulletin. The WCDXB ceased publication in July, 1979, after eleven years of being issued weekly from San Rafael, California.

9U5AV was apparently the last operation from Africa by K5VT, who attended the DXPO 80 in Virginia on Sept. 27. Vince said his documentation is in hand and he foresees no additional activity from Burundi by anyone for some time. His last known address was: Vince Thompson, K5VT, 4028 Perlita, Apt. 4, Los Angeles, CA 90039.

PACIFIC ISLANDS OPERATION by JA7SGV, JA3KWJ and others (TDXB Issue 54, 56, 58) has finally been nailed down at YJ8SS, and they expected to be active on schedule from the Fijis. Over the next ten days look for them from A35 Tonga and 5W1 Samoa.

TN8AJ will be on the air again for four weeks beginning about Oct. 15, according to his friend and QSL manager DM2XLO/Y25LO. Operator Joerg, who has been back in E. Germany since June 18, hopes to be on more bands this time, as he was limited to 15 Meters before. He expects to run high power on 10, 15 and 20 Meters, and about a hundred watts on 40 Meters. All QSLs for the previous TN8AJ operations have been answered, so if you have not received yours you should try again to DM2XLO.

KP1AD on Navassa recently was as phony as a three dollar bill. Old timers will remember "W20Y," the original W20Y that is, who was specified as QSL manager. Save your money.

YASME expeditioners W6QL and W6KG left California Oct. 1 on a trip which is expected to last for several months. Their first stops will be in Israel, Crete and the Dodecanese islands. Dates and order of stops were not known as they departed. As usual, all QSLs for their operations to YASME Foundation, Box 2025, Castro Valley CA 94546.

10 METER conditions continued generally spectacular in late September and early October, with Europe/West Coast and Japan/East Coast signals being some of the loudest ever heard. A disturbance Oct. 3 lasted several days, affecting signals in the SAC phone contest the weekend of the 4th. A 28-day recurrence of the disturbance would not hit the CQ WW Phone Contest.

The DX Bulletin is a weekly publication devoted to news of interest to DXers worldwide. *The DX Bulletin* is affiliated with no other publication or organization and is independently published by DXers, for DXers. Yearly subscription rates are \$22 US, VE and XE, \$30 all others (air mail). Address all correspondence to *The DX Bulletin*, 306 Vernon Avenue, Vernon, CT 06066 USA.

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1980 INDIAN OCEAN DXPEDITION..."N6ZV and AA6AA returned to the U.S. on September 14 after completing a very successful DXpedition to the Indian Ocean. They were joined by KA6S for operations from 3B8/3B9 and by FRØFLO and FR7BP for the Tromelin operation. A breakdown of the QSOs from each spot shows:

3B8	8,400	FR/T	11,000
3B9	3,600	D68	9,000

The grand total of 32,000 QSOs included great emphasis on 80 and 40 Meters, both phone and CW, in addition to 20, 15, and 10. Frequent power outages interrupted operations from D68 and 3B8. Equipment included two FT-901DM transceivers, two Hy-Gain triband beams, a Dentron GLA-1000B, an Alliance U-200 rotator, two 20-foot masts, a quarter-wave 40 Meter vertical, an 80 Meter dipole, and, on Tromelin, a quarter-wave 80 Meter vertical suspended from a helium-filled balloon.

Advance information on the trip was kept to a minimum to help ensure a minimum of problems and also to try to add a little bit of excitement and intrigue to DXing.

The Tromelin operation, even though in the planning stages for some time, was not consummated until three days before the flight to the island. It was necessary to charter a twin-engine aircraft at a cost of \$5,000 just to get the group to and from Tromelin. Only half of this cost has been recovered so far and any additional assistance will be welcome. Overall, the total DXpedition costs were in excess of \$18,000. Special thanks for support to the Northern California DX Foundation, to Henry Radio (Los Angeles), and Ham Radio Outlet, Van Nuys. QSLs for all operations to ZL1BIL, including 3B8ZV, AA6AA/3B8, KA6S/3B8, N6ZV/3B8, 3B9ZV, D68GA, D68XX, FRØFLO/T and FR7BP/T (the last two Sept. 5-9, 1980 only). ---AA6AA and N6ZV.

Alex Kasevich, W1CDC, reports on his operations as VP2MM, Montserrat, the month of August...Hurricane Allen arrived a couple of days after Alex did, and most of the operating was local and hurricane emergency nets. Alex used VP2MO's station because his own gear arrived late and soaked. After some drying-out time Alex's FT-301 was usable, the storm passed, and VP2MM finished up with 4600 contacts, primarily but not exclusively on 15, 40 and 80 Meter CW. Next summer Alex will be back on Montserrat with gear for 6 Meters and possibly Oscar.

Speaking of hurricanes and other disasters, ARRL's *Amateur Radio* monthly pamphlet just came out, the third of these newsletters for the p.r. market. The entire issue is devoted to Hurricane Allen's effects in the Caribbean and amateur radio emergency efforts. They follow that up with more on amateur radio help with Mt. St. Helens volcano researchers following the May 18 eruption.

ARRL's newest amateur public relations film *The World of Amateur Radio* was aired on Connecticut Public Television on Sunday, Oct. 5, just before the football games began on the commercial channels. That gave us our first opportunity to view the film, which replaces the previous *Hams' Wide World*. Both were produced by Dave Bell, W6AQ.

It is difficult for a ham of twenty years to view even a soft-sell with an unjaded eye, especially a ham who saw the old film probably 20 times as we did. The new film is more "80's Upbeat," not quite as traditional hammy as the old one. The same tired old celebrities are in the new version; most teenagers have never heard of Arthur Godfrey, many have formed an opinion of Barry Goldwater totally unrelated to his hobby, and of course JY1 Hussein also appears with his new TR-7. And to our way of thinking there is entirely too much handi-talkie action in the new film. Never the less, the film is one of the finest services provided by ARRL and we are sure it gets the intended job done. It can be borrowed for a nominal fee from ARRL headquarters.

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BANDPASS: Call/Freq./UTC (plus West, Central, East Coast report)/Day

Low Bands

A9XCE/7006/00E/26
CM8OC/7002/05W/26
CM8JF/7023/02E/2
CT1FL/7082/03C/29
KP4KK/
DU2/3508/11E/28
EA8UB/7017/00E/3
EA9GK/7023/00E/30
EC9AQ/7023/00E/30
FP8AA/3798/05E/5
FP8AA/3501/04E/7

FGØFIS/

FS7/7029/04E/3
GJ3EML/7015/06C/1
GW4ELI/7002/06W/29
GW4ELI/7010/06C/1
HBØNL/3507/03E/29
HKØBKX/7002/12E/28
H44DX/7009/11E/28
JA3AQ/7013/12E/27
KG6RT/7002/11E/2
KL7U/7161/03E/3
AH2E/7004/13W/28
LU3EIE/3504/00E/30

OZ1BJW/7006/05C/30
SV1JG/7003/04C/30
SV1JG/7007/05E/2
TG9NX/3505/02E/29
TR8IG/7006/21E/25
T3AC/7007/11E/26
UK6LAZ/7002/14W/29
UA2FEL/7090/05W/27
UA2FEL/7018/01E/30
UA0KCL/7011/11E/1
UA0FEC/7010/12C/2
UK9WBY/7001/02E/5
UD6CN/7008/00E/27

UG6GAI/7002/00E/27
UL7IBQ/7014/00E/30
XE1UF/3785/07E/5
YC2BMI/7202/11W/27
ZS3LK/7013/05C/27
ZS3LK/7009/05W/29
4X4VL/7010/03E/1
4Z4DX/7008/04E/2
5W1BZ/7017/04C/29
K9EF/
8R1/7006/03E/27

Africa

CT3AR/21355/19C/28
CT3AR/21314/22C/28
D4CBC/14205/07E/29
D4CBC/21310/02C/1
D4CBC/28605/22E/30
D68AM/21280/20E/30
EA8LS/14285/06C/2
EA8OX/21363/23E/29
EA9GK/14022/03W/27
EA9GK/14031/01W/1
EA9IE/14220/06C/1
EA9GT/21030/17E/27
EA9ET/21030/19W/28
EA9GT/21032/23E/29
EA9HG/21064/00C/29
EA9HW/21026/17C/30
EA9EU/28004/14E/27
EA9IB/28500/18C/28
FH0DZ/14028/15W/28
FR7BP/14022/14C/3

DF3NZ/

ST3/2 1280/22W/30
DJ IUS/
ST3/28022/2 1E/27
K5LBU/
STØ/28750/1 1E/30
SU 1AL/14245/05E/26
SU 1AL/14206/22C/28
SU 1AL/28585/18W/28
TU4AT/14331/23C/27
TU2JJ/14223/01C/27
TU2CJ/14213/21C/29
TU2JJ/14202/02C/4
VQ9TT/21355/19C/28
XT2AW/21354/22C/26
XT2AW/21285/01C/27
XT2AW/21284/15C/29
XT2AW/21285/16C/29
ZD8TC/28884/20E/1
ZE1JN/28025/13E/29
ZE6JL/28563/19E/29

ZS3KC/28538/18E/2
3B6CD/14202/13W/27
3B6CD/14201/13C/28
3B6CD/14208/13W/30
3B6CD/14214/13C/1
3B6CD/14203/13C/3
3B6CD/14202/14W/3
3B6CD/21255/17E/2
3B6CD/28538/17E/2
3B8DA/14223/12E/30
3B8DB/14029/12E/3
3B8AD/21252/15E/28
WA1YIG/
3B8/21355/19C/28
3B8CF/28580/17E/30
3D6AX/14010/13E/27
3D6BQ/14222/15W/27
5H3KS/14234/15W/30
5N20ATW/21276/02E/1
5N0DOG/28029/23C/27
5N0DOG/28020/22C/30
5T5NC/21026/21C/3

5T5NC/28025/19E/2
5Z4YV/14031/14W/30
5Z4CD/21295/19W/28
5Z4LH/21255/23E/28
6T1YP/21291/15C/29
6W8FZ/28590/12C/30
6W8IC/28694/22E/1
7X4BL/14060/00C/30
7X4MD/14265/08W/30
7X4BL/28007/15W/28
7X2LS/28564/20E/1
KA5HID/
9G1/21423/23C/27
9G1BX/21421/11C/28
9G1RI/21277/23C/28
9G1RF/21330/01C/30
9G1KB/28652/15C/28
9G1KB/28633/22E/1
9J2BO/28017/12E/28
9J2KL/28010/18C/28

Asia

AP2MQ/14238/01E/28
AP2MQ/14213/12E/29
AP2MQ/14220/02C/30
AP2FI/21284/12E/30
A5XHZ/14203/01E/26
A4XIH/14203/17C/2
A4XIU/21307/00E/3
A4XIH/28529/20E/1
A4XIH/28705/17C/2
A9XCE/14034/14C/3
BV2B/14204/13C/3
WB5LBJ/
DU2/21344/01E/29
HL9TS/14023/13E/29
HL9TW/14212/12E/30
HM0U/21284/12E/30
HM2JN/21032/00E/30
HL9KE/28525/01C/28

HMØB/28563/23C/28
HMØB/28564/01C/29
HM9V/28563/22E/1
HS1DS/14204/11E/28
HS1AMI/14205/11C/28
HS1AMM/14205/11C/28
HS5AID/21032/01E/30
KP4KK/
HS/28023/23E/1
JI1KUL/
JD1/28570/01C/28
(Min. Tor.)
JT1BH/14010/12E/29
JT1BM/14045/14W/1
JY4ZZ/28580/14C/27
OD5LX/14008/03E/30
OD5FB/28615/17C/27
UAØCEE/28540/22E/2

UD6DKW/14021/02E/3
UK6FAA/14237/04W/29
UF6FAL/14030/00W/30
UF6FAG/14005/01C/1
UF6HV/14220/04E/2
UG6GAF/14213/14W/3
UL7GB/14008/04E/30
UL7FP/14014/11E/30
UK7PAL/14220/15W/30
UL7AAC/28685/13C/27
UL7GCS/28567/02W/2
UL7PBO/28023/12E/2
UK8BAP/14231/12C/27
UH8HAJ/14034/01E/1
UH8EAA/21024/17C/30
UH8EAD/28019/13E/27
UI8ADR/14023/02E/1
UI8LAF/28522/12C/29

UI8GAF/28618/03W/3
 UJ8JAS/14037/03C/28
 RJ8JBQ/28570/15E/30
 RJ8JBQ/28595/04W/2
 VS6DO/14227/11C/28
 VS6JR/14210/11C/28
 VS6DD/14229/16C/28
 VS6DO/14224/12E/30
 VS6DD/28555/23C/28
 VS6CZ/28025/13E/29
 VS6JR/28030/00C/1
 VS6JR/28025/00E/2
 VU2LB/14044/11C/28
 VU2HI/14217/11E/28
 VU2CK/14207/02C/30
 VU2BX/14214/14W/30
 VU2BBJ/14202/12E/30
 VU2BBJ/14205/01E/1

More...

More Asia

VU2CK/14211/02C/1
VU2JRD/14230/12E/2
YB0PG/14225/14W/30
YB0ADT/14036/11E/1

YC2BLI/21280/12E/1
YB0ADT/28026/14E/29
4S7EC/14026/12W/29
4S7CF/14204/00E/30
4S7DJ/14212/12E/2

4X4CW/14218/14W/27
4X4VE/28618/17W/28
5B4HN/14199/05W/25
5B4CX/21355/20C/3
5B4JP/28011/16E/28

WB10DQ/
9K2/14215/14W/26
9K2EW/14217/02C/1
9K2EW/14216/03E/1
9M2SQ/14215/11C/28
9N1MM/14220/13C/27
9V1UL/14331/12E/29

Europe

CT2CM/28545/22W/28
C31UN/28600/14C/28
F00V/
FC/28550/18W/28
GD3EIQ/28520/12E/27
GD2HCX/28506/16C/3
GJ3AME/21345/17E/28
GJ5DEL/28595/15W/28
GU4EON/21295/17W/30

HB0NL/28032/16W/27
HB0NL/28028/14E/3
WA4MBG/
LX/28562/17C/27
K4IIF/
OH2/14030/11E/28
OH0AL/14225/03W/28
OH0AL/28550/17E/27
OX3CO/14203/23E/27
OX3AI/14206/00W/28

OX3CO/28513/18C/27
OY9J/14055/00C/1
OY9R/21300/17E/28
OY1A/28600/18W/27
OY5J/28517/17C/28
SV0BL/14237/04W/30
SV1NA/14026/01C/1
SV0AU/14030/04E/2
SV0AC/28564/12C/28
TF3US/14235/03W/28

TF3JO/14022/11E/3
TF3CU/21045/12C/30
TF3IRA/28512/17C/27
TF3HN/28567/14C/28
TF3SO/28533/15C/28
ZB2BL/21304/22C/28
3A2EE/14285/06C/2
4U1ITU/28595/15C/28
9H4B/14209/01E/1
9H4M/21277/18W/30

Oceania

A35JL/14285/06C/2
A35JL/21344/02E/4
C21BS/14220/07C/2
FK8DM/14054/09C/30
FO8FN/14019/09E/26
FO8DP/14204/06E/29
FO8EW/21027/01E/29
H44SH/14209/11E/3
AE0L/
KH2/28044/23C/27

WA4EHS/
KH2/28533/01C/28
WA4EHS/
KH2/28532/01C/29
WB7URE/
KH2/28033/01E/2
KG6RT/28009/23E/26
KA6HIQ/
KH3/14291/08E/3
W4PYH/
KH8/14220/12E/30

P29JS/14222/13E/30
T3AC/14285/05C/27
T3AC/28010/23C/27
T3LA/28604/00C/28
VK2NDK/28550/01E/1
(Lord Howe)
VK2NDK/28551/04W/1
VK9NL/14020/11E/1
VK9NL/14070/11C/2
VK9ZG/14236/12C/28
VK9ZG/28600/23W/30

VK9ZG/28599/00E/1
VR6TC/28035/02E/3
YJ8NPS/28520/23C/27
ZK1AD/14223/07E/29
ZK2PD/14209/11E/28
3D2ER/14226/06C/1
5W1CL/14285/06C/2

Elsewhere

CE9AL/14045/01E/30
(S. Shetlands)
CE9AL/14225/07E/30
CE9AL/14023/07W/30
CE9AL/14224/10W/30
CE9AL/14225/11E/30
CE9AH/14041/10E/1
CM6AC/14039/04E/30
CX5BO/28011/18C/29
C6ADV/28505/20W/28

FB8XY/14224/14C/27
FB8XY/14215/12C/28
FB8XY/14215/13W/28
FM7BX/14214/13E/30
FP8HL/14015/13W/28
FP8AA/28029/20C/3
FY7BO/14217/04E/1
FY7BC/28549/21E/28
HC8GI/21355/14E/28
HK0BKX/14006/14W/28
HK0BKX/14021/03C/1

HK0BKX/28003/17E/28
J6LB/21319/01E/29
J73LC/14203/02E/27
KC4USV/14295/07E/28
KC4USV/14260/11C/28
KC4AAC/21284/00W/30
KC4AAC/21279/01C/1
PZ1BT/21335/02C/30
TG9NR/28580/00E/3
VE8MA/21345/02E/1
VP1FB/28570/15E/30

VP8PP/14332/01E/2
VP8WA/21300/23E/26
VP8WA/21300/23E/29
VP8WA/21291/00W/30
VP8WA/21343/01E/3
ZF1SB/28538/21C/28
ZP5CCG/14220/07C/2
6Y5HM/28606/00E/3
8P6BU/21039/21C/3
8R1RBF/14209/01E/30

PROPAGATION (Thanks KH6BZF)

Date	Flux	Alpha	K
9/23	194	4	2
9/24	190	5	2
9/25	183	8	2
9/26	183	8	3
9/27	188	6	2
9/28	185	7	3
9/29	182	8	3
9/30	174	8	3

Unofficial average solar
flux for Sept. = 184.3

Sitting there wondering what to do with that yellow report form and return envelope which were included with last week's issue? We welcome your tabulations of stations worked/heard at any time. Mail the form to reach CT by Monday...Friday's mail from anywhere in the U.S. will do it.

Not enough room for a run-down of quotes in response to the "QSLs for Sale" editorial... probably will appear next issue. They are running five-to-one in favor of the editorial, with some reservations. There's still time to send in your comments.

The DX Bulletin

October 13, 1980

CORRECTION Secretary for the Pacific DX Net is WB8ZJW, not LJW (TDXB Issue 58).

Jamaican activity is planned by Howard Bonin, N6BXM; he will be there on his honeymoon the first two weeks of November. He does not know what callsign he will have but far as is known it will be just N6BXM/6Y5; he will use a TS-120S and vertical.

On the other end of North America, W8AH, K8CJQ and W8NR will operate from St. Pierre from Oct. 20 to 27, including the CQ Phone Contest. Calls to be FPØs GBG, GAQ, and GAP. They are flying from West Virginia to Nova Scotia, thence to St. Pierre in a twin-engine Beech Duke. They plan operation on 160-6 meters, SSB, CW, and even RTTY on all the usual frequencies, including 50.120 on 6 Meters. QSL to each operators home adr.

The PVRC (Potomac Valley Radio Club) crowd going to Curacao for a PJ2CC effort in the CQ Phone Contest includes: N4RV, N4MM, K3EST, W4DVV, N8II, W6LRL, N3ED, N3RD, N7ZZ, K7SS, W3AZD and WB3ANE. They will be looking for another multi-multi world record again this year, and will be on 160-10 throughout the contest; 6 Meter activity Oct. 18-24. QSLs will go to N4RV for 160-10 Meters, and to N4MM for 6 Meters only.

The International DX Foundation (PO BOX 117, Manahawkin, NJ 08050) has distributed their latest news sheet, with statistics on recent operations funded in part by the Foundation. For example,

	<u>Call</u>	<u>Operator(s)</u>	<u>QSOs</u>
	4S7DX	KP2A	6000
<i>IDXF is nearing</i>	8Q7AR	KP2A	9000
<i>300 members; they</i>	9M6MU	N200, N2CW, VS5TX,	
<i>can use plenty more,</i>		KP2A	20,000
<i>to pay past ex-</i>	VS500, GM, KV (same as 9M6MU)		6000
<i>penses and build a</i>	HS1AMU	KP2A	1000
<i>nest egg for future</i>	9N1MM	KP2A	3000
<i>operations. Write</i>	VS6CZ	N2CW, N200, KP2A	300
<i>them at the above</i>	CR9A	KP2A	10,000
<i>address for de-</i>			
<i>tails.</i>	TY9ER	W4MGN	2132
	5V7HL	W4MGN	971
	XT2AW	W4MGN	493
	6W8JI	W4MGN	425
	TU4AV	W4MGN	1075
			<u>60,000+</u>

Anyone who has used stacked yagi antennas will attest to their effectiveness; a well-known DXer and contester in Washington state has come up with a design for stacking triband yagis! We were skeptical but have heard the results on all three bands, stemming from a pair of KLM KT34XA tribanders at 82/41 feet above ground, with separate feedlines and phasing lines for each band. An article will be appearing in one of the major commercial amateur radio magazines sometime next year.

QSLs reportedly received recently: VK9CCT, ZK1CF, TU4AV, J6LIR, HKØAA, HKØAB, XPIAB, 9X5LE, TN8AJ, YI1BC. 600DX expected end of October. No reports of YI1BGD cards lately, nor LU3ZY. VK9ZG's come from VK30T in about two weeks. FGØFIS/FS7 cards should go to K6LPL (the operator) rather than W6ORD, a last-minute change.

9X5MH 21270/1930Z TJ1AY 21301/2100Z 3B8CF 28525/1800Z A4XIH 28530/1800Z

ZE6JC and ZE6LJ 28555/1800Z K5LBU/STØ 28600+/1200Z VK9ZG 28600/0000Z

CALENDAR

YASME	Starting now 4X, SV5, SV9; this issue
Tonga A35	JA7SGV group through Oct. 18; Issues 54, 65, 58 and this issue)
Samoa 5W1	JA7SGV group through Oct. 23
Congo	TN8AJ due on again Oct. 15; this issue
Guinea 3X	Watch anytime per rumors Issue 58
Contest	RSGB 21/28 MHz CW, Oct. 19
West Carolines	KC6s ZR and YC, Oct. 17-22; Issue 58
T3 Tarawa	By JA7SGV group, Oct. 24-27
T3 Tarawa	By W9GW, Oct. 22-28; Issue 58
East Carolines	KC6s ZR and YC, Oct. 22-29; Issue 58
Tuvalu T2	By JA7SGV group, Oct. 28-30
Tuvalu T2	By W9GW, Oct. 29-Nov. 5; T2AAD; Issue 58
Somalia	Possible for end of October (60ØDX); Issue 58
Jersey	By Noviomagum DX Group, Oct. 22-26; Issue 56
Sri Lanka	4S7 by N2KK, Oct. 12-30; Issue 58
Macao	CR9B by KP4KK, Oct. 23-30; Issues 52 and 58
Sable Island	VE1AI/1 either last weekend of Oct. or last of Nov; Issue 56
Marshall Islands	Oct. 29-Nov. 1, KC6ZR/KX6 and KC6YC/KX6; Issue 58
CQ WW Phone	Contest Oct. 25-26
Fernando de Noronha	Nov. 2-7; Issue 53
Tonga	Starts Nov. 25 by DL1VU and OE6BVG; Issue 58
Wallis	Starts Dec. 15 by DL1VU and OE6BVG; Issue 58
Abu Ail	First of December; Issue 53
Heard Island	January, 1981; Issue 56. Donations needed now to P29JS.

CQ Phone Contest weekend operations:

SV1, SV5 or SV9	By YASME; this issue
Curacao	PJ2CC by PVRC; this issue
9Y4 or 6Y5	By FRC
Guatemala	TG4NX by N. Ohio DX Association
Wales	GW6GW
VP5	Maybe, by N. Florida DXers
Macao	CR9B by KP4KK
Sri Lanka	4S7 by N2KK, low bands
St. Pierre	By W8AH group; this issue
East Carolines	KC6s ZR and YC; Issue 58
Cayman Islands	W4YKH group; Issue 56
-Jersey	Noviomagum; Issue 56

NEXT WEEK...

Another MQLS list
Editorial response
ICBM update
Box 88 exposé

THANKS TO...

W1NG, W1DQH, WA8VDC, K7RI,
EA3AMD, W8AH, N6BXM, W1CDC,
N6ZV, AA6AA, YASME, K1ZX,
W4VQ, KH6BZF, DF7FB, K4JST,
W9ABA, W9QWM, W9DH, KA3DDT,
AA4EH, N9KW, W5DUI, AF5H,
AA8Z, WØYBV, WDØEIF, K6IR,
W3ODJ, W4PB, W4ZD, W5TKV,
WDØGML, WB8ZRL, AA5C, WA2HZR,
KG8J, WA3DMH, W2HAZ, KA1KD,
WBØOQV, WB9SPM, KK5I, K2PSR,
W5YH, W4JTL, KØBJ, W1AB, K3KP,
KØCVD, WA1JGK, W5GAI, N8AJF,
W9MCR, KØJPX, WA3DVO, WA2PHA,
KØPCK, W9VA, KP4EQF, WB2KWY,
W1VV, WD5AAM, KAØE, K2EYJ,
K4LNC, WB3GPR/1, K8IA, W8GZX,
WB8WZS, KØDEQ, K4NV, K5BLV,
N4BKN, N7AST, WØWW, KB7HM,
KB8KW, K7ABV, N7NG, N6UW, KA2K,
WB6RXW, W6VUN, WB7EEI, W8ZET,
WB7RFA