

WEST COAST

DX Bulletin

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October 9, 1973 41-73

FARQUHAR The Farquhar group will depart the Seychelles at first light on October 17th, heading SW on a + run to the Farquhar Group. The running time is estimated to be three days which should put them on the island October 20th.

The plans are for an around the clock operation from October 21st to 28th. There will be four stations in action, concentrating mostly on 15/20mtrs but with some possibility for 10/40mtrs.

The stations making the trip are VQ9B, VQ9BP, VQ9M and VQ9R. Apparently no special calls will be used, each operator will sign his own call/Farquhar. Both CW and SSB will be used and the operation will take them across the CQ WW Test on Oct 27/28th. When all the excitement is over, the group will return to Mahe in the Seychelles. How the QSLing will be handled is not clear at this point but more will develop on this. Possibly all the stations will go to one Post Office Box there in Mahe.

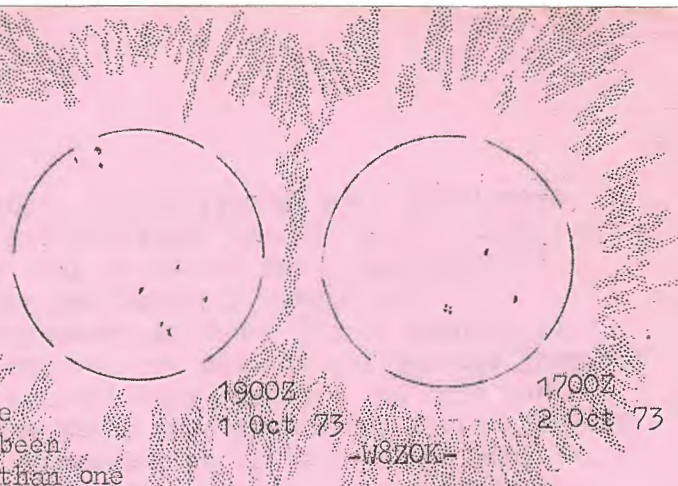
JUAN FERNANDEZ No late word on this planned effort of K5QHS and it would seem that San is still on for a departure next week.....opening around October 20/21st if all goes well.

The political situation in Chile seems to be quieting down to some degree. Last week the October 1st issue of TIME Magazine noted that a detention center had been set up in the Juan Fernandez Islands. A week back San was quite sure that the trip was possible and was determined to go. Next week things should be a mite more clearer.

CLIPPERTON Some mention has been made in the DARC DX-MB bulletin of some scientific studies planned for the area with mention being made of DJ5RT visiting the island to make some medical/meteorological studies. This would be sponsored by the University of Freiburg. Don't start looking yet....but some day, some time, some place on the bands you will hear Clipperton. After you have worked it, what will you have to live for?

ANTARCTIC There are a couple down there that some never cease to search for....and South Sandwich is one. Anyhow, LU4ZS is an Argentine station on the Antarctic Continent and now in the South Sandwich group as some have speculated...hopefully. A note from LU5HI notes that at the present there are no Argentine military bases in the South Sandwich group, the possibility of any operation there is very remote. At this time there is an Argentine DX Club in formation and it is possible that if there was a groundswell of interest shown to the group that they might start thinking of South Sandwich. LU7AAC would be the route for any mail intended for this new group. This call is not listed in CBs a year old and the address is: Eduardo Godfrid, Lavalle 1882, 2 do Piso, Buenos Aires. Any individual or group giving thought to a South Sandwich plunge might also write to LU7AAC for possible assistance. LU1ZA who was at 7095/0545Z last week reported that he was on the South Orkneys. It may be redundant to mention it but the 'Z' following the numeral in an Argentine callsign is an indicator of an Antarctic station. If you already knew that, skip that line.

SUNSPOT LOUIE There has been considerable sunspot activity in the last week, the group of sunspots on last weeks chart disappearing on the first of the month. A new spot showed on September 26th, another showing on the 28th. Then a third spot and a small group showed on October 2nd, the single spot above it by that time had practically disappeared.



With the appearance of these sunspots and the accompanying disturbances there have been some fairly good openings. The sunspots have not been stable enough for some time to last for more than one pass, this indicating that the spots themselves are from short endurance eruptions. In the chart the small spots are about 6000 miles in diameter and the larger ones about 12000 miles. As of Saturday, WWV was reporting the forecast as Fair to Good, Unsettled and a U-6 forecast. A number of requests showed up last week for the Comet Kohoutek information supplied by W5LTY at NASA. There are still some on hand which will be sent if a case with 16¢ on it is sent. Most interesting.

9M8SDA Hugh Johnson, 9M8SDA, was operated on at a Manila hospital this last weekend for an intestinal obstruction. Initially hospitalized for what was thought to be an attack of malaria, then it was suspected it was hepatitis and finally they figured it to be something else. Anyhow, Hugh will be there for some weeks. Anyone wishing to drop him a line can address it to him at ... Manila Sanitarium and Hospital, Box 1592, Manila, P.I.

ANGUILLA W3HNK will be heading south for the CQ WW Test and will operate from Anguilla the latter part of this month. He should be on the air around October 22nd and will operate on 10/15/20mtrs through the contact. He will have a beam for these bands and a kilowatt to help things along. He will possibly give 40/80mtrs a going-over and 3775kc or thereabouts will be the 75mtr territory.

SHORTLY NOTED K4DAO, Vince, presently in Darwin, has been issued the call VK8AB. He will be there for some months before heading for the Indian Ocean. Those who may wish to contact K3RLY can still go via the post office box in Simpsonville. This was Box 125, Simpsonville, Maryland 21150. It is understood that Bud still picks up and answers the mail there though he has changed his QTH. Even possible that maybe one of these days he will be back in the action again.

K6BX was complaining to the Executive Board that QST has rejected some of his advertising. The NorthEast DX Meeting at Hyannis, Mass was well attended with W1BB holding forth on 160mtr possibilities and W1YRC showing the 1S1A story. Out in Chicago area the W9DXCC meeting had 184 register. Father Moran, 9N1MM was there, and a number of out-of-towners including a VU2 showed up.

5N2ESH showed up from Nigeria last week, QSLs to Box 3034, Lagos. VQ9HCS is reported to be on Astove Island in the Cosmoledo Group with his gear and should be heard on the air soon. HC8SB on 15mtrs recently QSLs to the Guayaquil Radio Club, Box 5757 there. Initially we thought SY5MA might be Slim Again...but W4KA is the QSL manager and says that Bill active on c.w. low in the 7mc band. Has Drake gear and will be on SSB. PY0AO on from Trinitate until October 10th QSLs to PY1MB. The AFRIKANER Net at 21355/1700Z has been showing with 9X5/9U5/VQ9/3V8/9J2 etc. KJ6DI often on 75mtrs around 0800Z QSLs to K4RHU.

The OCEANS magazine recently had good information on the Indian Ocean islands, the article was about the Seychelles but with comments on Aldabra, Des Roches, Glorioso and others. Only four French Meteorologists on Glorioso....most of whom apparently never learned what a QSL is. On 75mtrs you can look for XV5AC, HS4AGN, VS5MC and XW8FB at 3794/1330Z most days. 5X5NK has signed a new two-year contract there. 3V8DM will be there until about the end of November...QSLs to VE6HN. XF4YK, Carlos, was figuring to end his operation this last weekend. MP4BJR tries the Polar path most days from 0200Z....14050kc. Often listening for the elusive sixes and sevens.... A DK3AH was on 14250/0720Z recently, saying that he was in Somalia and to QSL via the Bureau!! Next week....pages of Short Notes. We'll house-clean for sure.....

REPORTS FROM RED EYED LOUIE

There is no time like the old times, when we Dkxers were young.....

9 Oct 73

AFRICA...CW

GN8CG	14060/0010/sep	30w
CR7IZ	21052/1710/sep	28w
EL1H	14026/2240/sep	30w
FR7ZW	14035/1220/sep	26e
TU2DW	21045/2110/sep	29w
3D6AX	21038/1530/sep	19hs
9G1JE	21035/1125/sep	29e
9J2GJ	21051/1820/sep	29w

EUROPE...CW

DM8THI	14029/1500/sep	24e
DM4REL	14020/1900/sep	30e
EA2IA	21039/2020/sep	29w
EX3XH	21058/1135/sep	29e
GC3HML	14010/2050/sep	30w
GC3HML	21007/1640/sep	30w
GD4AM	21033/2000/sep	29w
GC3DVC	14019/2055/sep	28m
GM3GJB	14009/1210/sep	26e
GW3MOP	21016/1900/sep	30w
HA3KNE	21040/1200/sep	28e
HB9KC	21028/2000/sep	30w

ELSRWHIREPS...CW

OX1RY	21036/1130/sep	29e
C11AWN	21003/1850/sep	30w
DU1AFS	14044/1250/sep	28m
EG7TG	21023/1810/sep	30w
EK8BU	14021/1255/sep	25m
FO8HB	21041/2120/sep	29e
FP8AR	14037/0110/sep	28e

AFRICA...SSB

A2CGY	21351/1830/sep	28e
CN8IO	14210/2305/sep	27e
CR5AJ	21311/2030/sep	28e
CR6QT	21284/2245/sep	30e
CR6CA	21340/1830/sep	29e
CR6AG	14223/2030/sep	29e
CR7ER	14207/1340/sep	3w
CR7IZ	21290/1850/sep	27m
CR7PK	14210/1415/sep	28m
EA8NU	21353/1700/sep	1m
EA8JY	21277/2015/sep	1w
EA9EJ	21319/1940/sep	1e
EL2DI	14258/0010/sep	1e
EL4D	14223/2310/sep	25e
EF3USC	14333/2345/sep	27e
EF3USE	14216/1425/sep	30m
EF3USE	21285/2030/sep	30w
FR8AF	21295/1400/sep	24hs
FR8SS	21320/2020/sep	25m

ASIA...CW

HS3AJJ	14064/1235/sep	30e
JT1AO	14062/1300/sep	25m
JT1AS	14045/1245/sep	25m
UA9QA	14022/1120/sep	25e
UJ8AC	14034/0300/sep	6w
UK8SAL	14043/0115/sep	28e

HB8ADP	21025/1750/sep	30w
HM1BI	14042/1245/sep	27e
IS8RPH	14004/2045/sep	28m
IS8SEL	14091/2025/sep	28m
IS8FIC	21050/1050/sep	27mp
LA4ZC	14048/1305/sep	30w
LA7Y	14026/1830/sep	30w
LX1BM	14065/1440/sep	28m#
LZ1GU	14031/2310/sep	27m
LZ1KML	21027/1650/sep	30w
LZ2KM	21009/1700/sep	30w
OFSWYL	21042/1750/sep	29w

HG1XG	21028/2045/sep	30m
H18AGM	21037/2015/sep	17e
H18LRN	21030/1715/sep	24m
KG6AAV	14040/1250/sep	27e
KZ5AA	14038/0210/sep	30m
XQ3AL	14056/0120/sep	28e
ZF1JA	21027/2110/sep	29w

TU2EH	14201/0025/sep	30m
VQ9R	14236/1400/sep	27e
VQ9BF	21334/1900/sep	29w
VQ9R	21353/1745/sep	29e
ZD7SD	14237/1925/sep	2e
ZD7SS	14248/2005/sep	26e
ZD8AB	21297/2150/sep	2w
ZS2VA	14212/1450/sep	28w
ZS3TF	21295/1920/sep	27w
ZF7JV	21251/1825/sep	28e
3V8DM	21355/1830/sep	1m
5N2ESH	21290/1545/sep	1e
5H3JR	14320/1410/sep	23hs
5H3JL	21351/1825/sep	28e

UV9DX	21096/1200/sep	1e
VS6BD	14038/1245/sep	30e
VS6AW	14033/1225/sep	1e
VS6GM	14023/1200/sep	30e
4S7EG	21050/1040/sep	27mp

OH8SW	21025/2040/sep	30w
OK1JCM	14028/1840/sep	30w
PA8INA	14040/1415/sep	30w
TR3HG	14066/1210/sep	25m
UC2WAL	14036/1910/sep	29w
UG6EA	14050/1630/sep	17mp
UA2AG	14003/2030/sep	28m
UF2PAX	14034/1905/sep	30w
UF2BX	14002/1740/sep	29w
UR2TAX	14038/1640/sep	29w
UR2QD	14050/1750/sep	14mp
YO2FF	14036/2015/sep	30w

4K1A	14026/1450/sep	2w
4K1B	14040/2095/sep	29e
4K1D	14042/1525/sep	30w
8P6EU	14012/2200/sep	30w
8P6ES	14037/0235/sep	25w

5U7AZ	14205/0250/sep	1m
5U7BA	21288/2105/sep	30e
5V7GE	14223/2225/sep	1e
5X5NK	21310/2000/sep	30w
5X5NK	14320/1400/sep	23hs
5Z4JE	14204/1425/sep	28m#
7Q7DW	21315/1900/sep	1w
9G1GG	14333/2310/sep	30w
9G1HE	14205/2230/sep	26e
9G1GK	14204/2335/sep	27m
9G1AR	14235/1900/sep	2e
9J2BL	21310/1830/sep	27e
9J2FD	21339/1915/sep	1m
9U5GR	21300/1740/sep	27e
9X5VA	21356/1845/sep	30e
7Q7GB	14237/1355/sep	27m

ASIA...SSB

A4XFFJ	14333/2130/Sep	28w	OD5FB	14208/1325/Sep	30m#	VU2KV	14208/1450/Sep	29w
A4XFF	21353/1605/Oct	1m	OD5HF	21340/1615/Sep	30e	XU1AA	14329/1310/Sep	30e
A6XP	14214/1430/Sep	29e	UA9VB	14232/0200/Sep	19m	434IB	14336/1510/Sep	29e
A6XP	21308/1530/Oct	1m	UA9BY	14204/0230/Sep	29m	4X4FQ	14233/1515/Sep	27m
EP2LG	14203/0235/Oct	2w	UA9FBZ	14210/0310/Sep	30m	5B4RF	14333/2200/Sep	29w
EP2SP	21313/1550/Sep	29m	UA9YA	14220/0135/Sep	30e	5B4LD	14260/1805/Sep	26dj
HL9VR	21276/0220/Oct	2w	UA9YT	14230/0145/Sep	30e	9M8JP	14245/1355/Sep	29m
HM1GD	21303/2350/Sep	30m	UI8MV	14216/0155/Sep	29m	9M2GL	14249/1500/Sep	29w
HS4AGN	14329/1210/Sep	30e	UI8LAG	21280/1350/Sep	1m	9K2AM	14277/1630/Sep	28w
JY1	21369/1600/Oct	1m	UK9UAO	14206/0200/Sep	29m	JD1YAA	21320/2210/Sep	24w
MP4BJT	14203/0355/Oct	1w	UL7NW	14202/0155/Sep	29m			
MP4BIN	14229/0325/Oct	1w	VU2BX	14208/1305/Sep	30e#			
OD5ET	14218/1440/Sep	29e	VU2BEZ	14211/1300/Sep	30e#			

EUROPE...SSB

DA1QN	14315/1515/Sep	29e	G3/HBØ	21272/1530/Sep	29m	SVØWXX	21387/1510/Sep	28m
DM2ATD	14233/1230/Sep	30e	IS1LIO	14214/2145/Sep	29e	SP5PWK	21305/1515/Sep	30e
DM8THI	21296/1920/Sep	30e	ISØPJP	21302/1510/Sep	30m	TF3SB	21340/1705/Sep	29m
DK8FZ	14206/1435/Sep	30m#	IØRKR	21314/1530/Sep	27e	WA1/TF	14250/2030/Sep	17dj
DT2CUO	14240/1330/Oct	1m	IT9AZS	14235/0210/Sep	30m	WA1/TF	21326/1615/Sep	30w
CT1UA	21330/1735/Sep	29m	LZ1XQ	14228/1840/Sep	27e	UD6CC	14206/1320/Sep	30m#
CT2AC	21310/1655/Sep	28m	LZ2KKZ	21283/1605/Sep	29m	UD6DER	21316/1540/Sep	30e
EA3GN	14299/2035/Sep	27e	LX2HH	14208/2005/Sep	28m	UK2SAB	21281/1510/Sep	30e
EA5FQ	21267/2035/Sep	30w	LX1BJ	14208/2050/Sep	28e	UK2PAF	14252/1950/Sep	29e
EA6BY	21295/2015/Sep	28m	M1B	21368/1550/Sep	30m	UK2GDZ	14217/2005/Sep	29e
EA6CE	21275/2045/Sep	30w	M1C	21352/1550/Oct	1e	UK2GAZ	21330/1740/Sep	28m
EA6BY	14249/2040/Oct	2e	OE4WAW	21254/1540/Sep	29m	UK5IBM	21350/1630/Oct	1m
EA6BG	14211/2240/Sep	28e	OHØNJ	21305/1515/Sep	30m	UK5MAF	14241/1415/Sep	28m
EI6S	14244/2040/Sep	26e	OH2DS	14238/1000/Sep	27w	UP2NO	21353/1345/Sep	20m
EI7BZ	21292/1635/Sep	28e	OK1KCP	21296/1535/Sep	27e	UR2EC	21295/1705/Oct	1m
GD3RFK	21393/1810/Sep	30m	OK1AGQ	14333/2130/Sep	30e	YO2BB	14242/2035/Sep	29e
GD3MBC	14210/1445/Sep	29w	ON4UN	21265/1550/Sep	29m	YO2IS	21293/1635/Sep	28e
GC3EML	21355/1835/Sep	29m	ON4US	21266/1535/Sep	29m	YU1MI	14254/1950/Sep	29e
GM4ACK	21297/1705/Sep	29w	OY3H	14208/1315/Oct	1e	ZB2BL	21287/1650/Sep	29m
GW5IW	21324/2000/Sep	30m	OY5NS	14220/1730/Sep	23dj	3A2CP	14319/1140/Oct	2e
GI3IJD	14262/2040/Sep	26e	PAØRWH	21310/1955/Oct	1w			
HA5DB	14218/1850/Sep	24e	SL3ZZN	14202/0235/Oct	2w			
HB9WU	21416/1635/Sep	29e	SV1DR	14313/2030/Sep	27e			

ELSEWHERE...SSB

CI1AWN	21301/2010/Sep	29w	OX3YY	21280/2140/Sep	28m	VP2LG	14201/0235/Oct	3w
CI1AGI	21294/2050/Sep	29w	OX5NB	14217/0155/Sep	30w	VP2DAJ	14203/2320/Sep	27m
CP1FW	14250/0510/Sep	21mp	PYØAO	14215/0325/Sep	30m	VP2MKE	14180/2010/Oct	2m
CX7AP	14200/2200/Sep	26dj	PZ1AN	14195/0005/Oct	2w	VP7DT	14203/2345/Sep	27m
FG7XL	21360/1815/Sep	25m	PZØAA	14233/0135/Sep	3w	VP8JE	14202/0200/Oct	6w
FP8DH	14196/2100/Sep	28m	TI4AQD	14204/1430/Sep	30w	VP9DC	14174/2010/Oct	2m
FP8CZ	14195/2140/Sep	28m	YG4SI	21345/1710/Sep	26m	VR6TC	21352/2310/Sep	25w
FP8DH	21350/1730/Sep	29w	VA7WJ	14203/1550/Sep	28w	XP1AA	14333/0000/Sep	30w
FY7AO	14215/2310/Sep	27m	VE8RCS	14165/1425/Oct	2m	YJ8BL	14300/1240/Sep	21mp
HC8SB	21374/1635/Sep	30e	VK6NS	21302/0250/Oct	2w	YB9/YB1	14203/1340/Sep	29m
HKØBKX	21385/1610/Sep	25m	VK6MO	14206/2140/Sep	26m	YS3FU	21367/0130/Oct	3w
HR1KS	14197/0000/Sep	27w	VK9ZC	14202/1555/Oct	3w	ZK1GU	14214/0340/Oct	2w
KC4USP	14201/0120/Sep	28e	VK9FH	14209/0315/Oct	2w	ZK1CD	14214/0335/Oct	2w
KC4USP	21280/1620/Oct	2w	VK9XI	14220/1430/Sep	26w	3E1KC	21355/1930/Sep	24w
LU5FEH	21342/2020/Oct	1w	VP2AZA	14177/2145/Sep	26dj	8R1CB	14184/2225/Sep	28m

(e = eastern states m = middle states w = western reaches dj = germany mp = bahrein)
 (hs = thailand etc. all times in gmt # = long path ??? = it looks like SSB again!!)

CALENDAR

FARQUHAR October 21st to 28th....
 TRINIDADE PY0AO until October 10th....
 JUAN FERNANDEZ K5QHS/CEOZ about October 20th....
 LORD HOWE VK4AK/LH from November 2nd....
 COCOS-KEELING K4DAQ aiming for VK9Y-operation by turn of the year
 LIECHTENSTEIN HB9s joining the action there....until October 20th, all bands/modes.
 VK/ZL TEST CW....October 13/14th...
 RSGB TESTS 7mc...20/21st.....21/28mc Oct 27/28th.....
 CQ WW DX TEST PHONE....October 27/28th....PPPPREPARE!!!!
 SEANET CONVENTION Singapore...November 9/11th at the Marco Polo Hotel.....GO!

FORTY/EIGHTY STUFF

CO2DR 7004/0445/Sep 29w	KG4AA 7002/0430/Sep 29w	SP5PCR 7026/1500/Oct 2w
CO7CD 7023/1220/Sep 27e	KC4AAD 7224/0600/Sep 27w	SM3EAG 7003/0500/Sep 30w
CO8AY 7011/0350/Oct 1w	KC4USN 7231/0530/Sep 28w	SM6DHU 7094/0550/Oct 1w
CM2QN 7006/0440/Oct 1w	KJ6DI 7237/0540/Sep 25w	TL2WD 7030/0315/Sep 29m
DJ6ZM 7013/0515/Oct 1w	KV4FC 7165/1055/Oct 1e	TL2RQ 7013/0430/Oct 1w
DL7HU 7089/0500/Sep 30w	LU1ZA 7095/0545/Oct 3w	UA2EC 7002/0400/Sep 30w
DM3YBF 7022/0325/Sep 30w	LU3YT 7003/0530/Sep 29w	UB5WF 7030/0350/Oct 2m
EA8FH 7014/0030/Sep 30w	LU1XAF 7005/0440/Sep 29w	UB5MF 7005/0440/Oct 1w
FO8DR 7012/0530/Sep 28w	LU7TBR 7005/0545/Sep 30w	UJ8AD 7005/0100/Sep 28w
FO8EB 7007/0530/Oct 2w	LZ2TRT 7026/0510/Oct 2e	UK1ZAM 7007/0530/Sep 30w
FO8DF 7089/0540/Oct 1w	K7/KW6 7092/0740/Oct 1w	UK5KF 7002/0200/Sep 30w
F8SQ 7010/0250/Sep 30w	KZ5BB 7007/0720/Oct 1w	UP2NV 7001/0520/Sep 28w
FG7TG 7006/1020/Sep 29e	OH1KA 7023/0250/Sep 30w	UQ2GCQ 7004/0130/Sep 27w
GC2LU 7010/0700/Sep 29e	OH2XF 7009/0450/Sep 27w	UQ2GDM 7008/0415/Sep 30w
GI3OQR 7083/0535/Sep 30w	OK1FF 7007/0520/Oct 1w	UT5AA 7002/0330/Often
HA5JI 7027/0445/Sep 28w	OK1AKQ 7003/0440/Sep 29w	VK6WT 7014/1115/Sep 25e
HA10KFM 7026/0155/Sep 30w	OK1AMM 7011/0230/Sep 30w	VS6GM 7010/0450/Sep 30w
HI3AJL 7021/1105/Sep 28e	OX3EN 7010/0400/Sep 28w	YB1BI 7095/2330/Sep 27e
HI8LC 7012/0050/Sep 27w	PA0HIP 7006/0130/Sep 30w	YU1AG 7030/0345/Oct 2m
HP1AH 7006/0210/Sep 30w	PJ2VD 7001/0230/Sep 30w	YU3EU 7002/0340/Oct 1w
HS1AHW 7010/1445/Sep 27w	PZ1AJ 7003/0210/Sep 30w	ZF1JA 7094/0425/Oct 1w
DK0UB 3797/0315/Oct 1e	I0LLZ 3780/0430/Oct 1e	XW8FB 3794/1330/Often
CO2AA 3936/0635/Sep 30w	OK1JAX 3780/0500/Oct 1e	YB0CJ 3797/1350/Sep 30w
CI1ADV 3787/0700/Sep 30w	PA0EG 3780/0445/Oct 1e	ZK2BD 3793/0555/Oct 2w
CT1MK 3780/0500/Often	SP3KGW 3511/0350/Oct 2e	ZL2BT 3791/1010/Sep 28e
CT2AK 3778/0430/Sep 30w	UA0FGM 3618/1130/Often	ZS6DW 3779/0400/Often
HS4AGN 3794/1330/Often	VS5MC 3794/1330/Often	KJ6DI 3920/0830/Often
GW4BVN 3780/0515/Oct 1e	XV5AC 3794/1330/Often	9M2DP 3794/1400/Sep 27w

MADISON ELECTRONICS 1508 McKinney Avenue, Houston, Texas 77002 (713) 224 2668

USED GEAR

COLLINS 75A4 (clean) \$345.00 75S1 \$295.00 75S3 \$395.00 312B4 \$200.00
 30L1 \$395.00 NEW Demonstrator....KWM2A with n.b \$1295.00
 DRAKE R4B Receiver - Clean \$350.00 T4XB Transmitter \$395.00
 KENWOOD R599 \$300.00 T599 Transmitter \$350.00 Write--Demo Prices on new units.
 HEATH SB300-filters \$250.00 HAMMARLUND HXL-1 Linear \$225.00
 B&W LPA1-power supply \$200.00 HALLICRAFTERS HT-37 \$125.00
 JOHNSON Invader 200 \$150.00 (Demo)-ALLIED AX190 Receiver \$150.00

Max W5GJ Don K5AAL Mary W5MBB Dave WA5ZNY
