

January 9, 1973

SOUTH SHETLANDS LUIZC operated from Deception Island from December 28th, being on the island for about an 18 hour period. Some unfortunate developments cut short the operation but Alberto will be return to operate again this week.

At the time the HERO was there in the last week in December, Jacques Costeau was also there with the CALYPSO. It is reported that the helicopter attached to the CALYPSO crashed and there was a fatality. The HERO was involved in helping with this matter.

Alberto will be back on Deception on January 9-10-11th and may also possibly return for a few more days at the end of January. When there a few weeks back he left the rig and will be all set to operate as soon as he is ashore. Previously he has indicated that he will operate in the 14195kc area but he may move to get a clearer frequency. Look for him from 0000/0100Z most days. QSLs go to K4MZU. Alberto will try to make as many QSOs as possible while there.

AVES YVOAA due to open this Tuesday, January 9th, with the full-bore operation by the Radio Club Venezolano. Their plans call for them to be on the air around 1600Z on Tuesday. With 4 generators, 18-20 operators, two TA-33 beam antennas and full logistic support by the Venezulean Navy, this one till be available on CW and SSB and from 160 thru 10 mtrs. QSLs go to Bx 2285, Caracas, Venezuela. After this one there probably will not be activity from Aves until around 1976.

CHINA Hope is often quick to spring forth and a bit slow in dying away but it seems rather obvious by now that the JA1MWI/BY and the DM2ARG/BY operations were by Canton Slim, Efforts to check out the DM through German sources have not proven to be very successful and some have expressed some question on the station being there. JA sources report that JA1MWI says he has not been on the air in ten years. suspicion is that the operation might be somewhere in the Tokyo area and far from the nebulous Canton Trade Fair.

There have been a number of Slims showing up in recent years....BY +Slim to QSL via Radio Peking ... an A 51/JA Slim. Generally this Slim is on c.w. with a medium to fast wpm rate. Work them first and worry later ... but the good c.w. operator suddenly appearing from a rare country could well be Asiatic Slim

RIO de ORO EASCK reports that it is planned for five EAS operators to travel to EA9=Rio de Oro between April 16-22nd to operate. If this one developes, there should be enough action to satisfy most for a couple of weeks.

St PETER & PAUL etc Word out of PY-land is that Les-PY2WH, is aiming for his delayed St. Peter & Paul/Fernando de Noronha/Rocas operation with early February as the possible period. The calls for St. P&P and Rocas will be ZWØWH and at Fernando de Noronha, it will be PWØWH.

Further information should be coming out on this and the frequencies probably will

be close or the same as announced for the earlier planning.

SUNSPOT LOUIE ...

Just one spot was visible at the time of the observation last week, it being approximately 15 000 miles in diameter. This one appeared on the last day of December and should be visible through this week. The spots shown on last weeks chart, a group, of two, disappeared on December 28th and no

other spots have appeared. DX conditions have been spotty in the last week.

SOME QSL INFO VK2BQQ/LH QSLs are being received direct. WA 5UCT is the QSL Manager of record for KX6DR but has problems in getting Togs. No logs for some time and some. indicators that the station not very active right now. AZCCY most emphatic that QSLs go to KACDZ and not direct. And if you do not send sase or sae/IRC, you may wait long but you will wait in vain.

A2CCY t	o K4CDZ	W2NTJ/HH4 to	Home CBA	TLSLI to	F6BFH	5X5NK to	DJ3JV
A2CAB.	W2RHK .	MP4TEE	G3LQP	WA1/VQ9	W4WFL	4X4NJ	WA4WIG
A35FX	ZL2AFZ	TJ1BG	K4WQS	VS5AW	WB6ZUC	4X4UF	WA 4WIG
EP2CC	KERLY	TJ1BF	WA 4WIG	VP2 V AR	WA 4WIG	4X4VB	WA 4WIG
FY7AE	WA 4WIG	TT8AC	W4SPX	XW8BP	DL7FT	3A PON	ON4UN
HS4AHX	K4VO	TY 5A BK	WSCNL	5V7YH	VE3GHL	9K2CA	W5KKZ

St. LUCIA DL2AA/W1 has a schedule with VP2LI Tuesdays ... 0100Z ... 3855kc +/- QRM

St. KITTS VP2KH often at 21355kc/1800Z...will be there for some weeks. QSL to Box 184 Basseterre, St. Kitts, BWI with sase etc.

GREAT CIRCLE CHARTS WOWAH is providing a custom service in charting great circles from your QTH to any point in the world. If you will provide him with your longitude and latitude, W6WAHs charts will give you exact beam headings. Drop a line to Dean C Hildebrand, W6WAH, 1461 Coronel, Vallejo, Ca. 04590 to learn about his custom service.

TROPICAL HAMBOREE/SOUTHFAST ARRL CONVENTION This mid-winter event is set for the Municipal Auditorium at 5th and Biscayne in Miami, Florida over the weekend of January 20/21st.

W4VPD will be showing the color slides of the VK9JW-Mellish Reef effort on Saturday. Visitors from other areas in the Caribbean are expected and in the pastthere have been VPs/6Y5s etc, etc showing up. More information from Box 73, Biscayne Annex, Miami, Fla 33152.

7Z3AB-Henry Folkerts, will be visiting in Southern California later this January and Jim McCook, K6GLC, will host an informal gathering at his QTH on Saturday, January 20th starting at 1:00p.m.

QTH for K6GLC is 1216 Strand, Apt B, Manhattan Beach, Ca. 90266 and this is just a few houses north of the Manhattan Pier on the Strand. Jim would like a note or a phone call to know if you are planning to come ... [213] 545 3164. Just seeing Jim would be a joy...things are seldom quiet when he's around. Come and see Jim and Henry....

SHORTLY NOTED WIAM waiting on action on his XT2-Upper Volta License as well as 6W8 and TU2. Art leaving for West Africa late this month to visit son in XT=land. Several VQ9=Chagos stations coming on the W8CNL effort at 21325kc...1700Z. VQ9MC passing the word that propagation conditions have not been good recently. JY7YL is EP2YL on a trip to Amman and counts as JY1A for the Arabian Knights Award. There was a ZA2BQ on 14215kc in Mid-December. Tirana Slim for sure!! LUSAJG can be found most days at 3745kc in the 0800/0900Z time slot. Luis often in the 7080-7090kc area from 0500Z. LU5HFI still waiting for his gear from the states...but shows up on neighbors stations once in awhile was at 3501kc/0700Z on the last day of December. Some CB group suing the FCC in 6-land for interfering and harassment'. P master General's annual report states mail getting Livered faster these days

REPORTS FROM RED EYED LOUIE....

For what is wedlock forced, but a hell, An age of discord and continual strife? Whereas the DX bringeth bliss, And is a pattern of celestial peace.

AFRICA.	T.W.							
CR4AG	21053/1650/Dec	27w	TRSCQ	14015/2030/Jan	2w	3D6AX	14045/2000/Jan	3w
CR7IZ	14062/1600/Jan	3w	TR8PB	14005/2300/Dec	29w	3B8DA	, - ,	1w
CT3AS	14015/1700/Dec	18w	ZE2KL	14028/2000/Jan	3w	5R8AG	1, 1	2w
FR7ZW	14045/1710/Jan	3w	ZS10U	14028/1620/Jan	2w	5Z4LW		2w •
TJ1BG	14043/2100/Jan	2w	Z@ 5LB	21035/1830/Jan	3w	9G1HE	21002/1640/Dec 3	Ow
EUROPE.	CW							
CT1SX	21055/1650/Dec	27w	НВ9КХ	14023/1600/Dec	23w	UK2RAN	14035/1220/Dec 26	6e
DJ6RX	14001/1655/Dec		I1IWA	14075/0910/Dec	23m	U5ARTEK		3w
EA1BC ·	14036/1900/Dec		OH7AA	14019/1735/Jan	1w	UZ3RV		7w
EA2IK	14020/1805/Dec	29w	ON5KD	14009/1710/Dec	30w	UN1BS		2w
EA 5CV	14023/1215/Jan	2e	OK1DIM	14029/1700/Jan	2w	YU1NYW		3m
GI5UR	14043/1850/Dec		OZ8WH	14030/0845/Dec		3A ØON	14032/1655/Jan	4W
GM4AWH	14030/0215/Dec		PA ØWAC	14004/1650/Jan	1w			
GW3SYL	14030/1735/Dec	29W	SMØBVQ	14031/0000/Jan	4W			
GM3TRI	14078/1245/Dec	26e	TF3AW	14016/2335/Dec	27w			
ELSEWHE	RES.CW			To the state of th				
FM7WO	14021/1225/Dec	28e	PJ2NR	14027/2140/Dec		VR2RPA		9e
FP8FU	14047/1215/Jan	2e	VP2LAW	21048/1240/Dec	31e	VP2ST	1,	6w
FY7AI	14048/0150/Dec		VP2ST	14026/0125/Dec		YN1IU	11111	3w
OX3AY	14004/1600/Jan	3w	VR1AA	14020/1900/Jan	3w	A35FX	21 1 33/2230/Dec 2	3e
AFRICA.	.SSB				*			
A2CJC	21312/1930/Dec	28e	ST2SA	14215/1435/Dec	29e	ZS3AK	21280/2020/Dec 2	6w
A2CAB	21325/1930/Dec		TL8LI	14201/2300/Dec		3B8DX	21301/1820/Dec 2	
A2CCY	21325/1930/Dec		TU2DR			5V7YH	21307/1620/Dec 3	Om
CNSHD	14332/2035/Dec	30e	TY3ABF	21324/1730/Dec		5V7YH	14193/2005/Dec 3	0e
CR4BS	21273/1540/Dec	28m	TY SABK	21320/1800/Jan		5N2ABG	21415/1510/Dec 3	
CR4BS	14193/2005/Dec		WA1/VQ9	21327/1530/0ft		5X5NK	14220/1600/Dec 2	
CR6AD	14196/2140/Dec		VQ9MI	21307/1830/Dec		9G1WW	21331/1630/Dec 3	
CR6MX	21264/1300/Dec		VQ9HCS	21286/1915/Dec		9J2JN	21308/1655/Dec 30	
CR6RJ	14237/2140/Dec		VQ9R	14266/1505/Dec		9J2JC	21260/1745/Dec 2	
CR7TR CR7RO	21355/1940/Dec		ZD3D ZD7BB	21410/1435/Jan 21310/1810/Dec		9J2MA 9G1H0	21324/1300/Dec 30 21324/1300/Dec 30	
EL9C	21298/1930/Dec 21318/1750/Dec		ZD7SD	14205/2305/Dec		9X 5NA	14209/2040/Dec 3:	
EL2DT	21415/1530/Dec		ZD8RW	14213/2200/Jan	1m	/41/141	140//2040/200	
FL80M	14251/1430/Dec	30m#	ZE1JE	21352/1900/Dec				
ASIAS								
A4FB	14241/1510/Dec	2.7W	MP4TEE	14268/1415/Dec	30m	JY4AH/an	n 14235/2100/Dec	29m
A4FD	14252/1500/Jan	3w	MP4BIN	14255/1410/Dec	_	YK1AA		30m
EP2D0	14213/1200/Dec		MP4BIE	, , , , , ,		4X4CW	14213/1430/Jan	1m
EP2CC	14208/1300/Dec		OD5FB	14210/1415/Jan		9K2CA	14260/1915/Dec	30e
EP2SP	14224/1525/Jan	3w	VU25BX	14213/1300/Dec	31e '	9N1MM	14220/0125/Dan	4W
EP2YL	14246/1535/Dec		VU25ED	14197/1310/Dec	31e	9V1QG	14214/1640/Dec	29w
JY9VO	14264/1500/Dec	27e	VU2CP	14225/1315/Jan	1e			
EUROPE.	SSB							
C31BE	14270/1735/Dec	29e	LX1EW	14192/1900/Dec	30e	SVØWU	21415/1510/Dec	30e
EA6BH	21300/1630/Dec		LX1HD	21310/1240/Dec	29e	SVØWZ	21415/1525/Dec	
HB9AQQ	14211/1540/Jan	2w#	M1B	21373/1540/Jan	1e	SVØWWW	21273/1540/Dec	
IZ9SEZ	14220/1515/Dec	23w	SVØWE	21402/1450/Dec	28e	SP9VU	14204/1610/Dec	

	SEWHERESSSB	-				
HR	1MM 14312/1425/Dec 276	e KX6IQ	21289/2050/Dec 29e	VP2MB	14230/1430/Dec 22	SM
HR	1R 21326/1715/Dec 30	e LU1ZC	14270/0500/Dec 29w	VK6SD	14210/2330/Jan 2	SM.
	/HF6 14261/0915/Dec 30		14220/1840/Jan 1m	ZK1CD	14203/0500/Dec 27	7w .
			14243/1210/Dec 30e	ZK1CD	21275/2030/Dec 30	
	6SL 21310/0040/Jan 1					
	6BZ 21355/2240/Dec 30		21324/1230/Dec 30e	ZK2BD	14204/0430/Dec 30	
KJ	6BZ 14312/0210/Dec 29	v VK3JW	14265/0445/Dec 29w	5W1AU	21290/1910/Dec 30	
KG	4FG 14328/1305/Dec 31	THE OFFER	21325/1730/Jan 3w	6Y5GB	14210/2320/Dec 24	te.
	6DY 14235/0450/Dec 29		13223/1435/Jan 1m	8R1M	14223/1135/Dec 22	
110	ODI 142))/O4)O/Dec 2/	AT STATE	1)22) 14) 9) 0 011	CIVIII		
770	Date (Deciron Decir		Y			
	RTY/EIGHTY DESK					
A3	5FX 7005/1040/Dec 31w	LU3DRK	7004/0635/Dec 27w	UW4AT :	7003/1900/Jan 1v	N
CO	2DR 7004/0625/Dec 30w	LUSAJG	7087/0640/Dec 23e	VK2BQQ	7003/1240/Dec 276	9
	6GA 7084/0615/Dec 23e	OHØRJ	7008/1225/Dec 26e	VK2SG .	7005/1500/Jan 2v	N
	4BS 7007/2230/Jan 1w	OX3AY	7006/2150/Jan 1w	VP2LL	7160/1100/Jan 4v	
	,					
	6EG 7011/1420/Jan 2w	PJ2VD	7005/0400/Dec 20w	VP2ST	7004/0115/Dec 276	
EA	9E0 7005/0130/Jan 2m	PJ2CE	7160/1020/Jan 4w	VP2SAB	7160/1110/Jan 4v	Ŋ
FG	7TG 7002/1050/Dec 31w	PJ7UL	7160/1025/Jan 4w	. VR1PA	7084/0615/Dec 236	Э
HI	3PC 7012/1225/Dec 31e	PZ1CU	7160/1025/Jan 4w	XW8BP	7006/1620/Dec 30v	N
	ØBKX 7019/0520/Jan 1w.	SM6CST	7005/0010/Dec 31w	Y03AC.	7002/0335/Dec 30v	
	1GA 7005/1600/Dec 30w	SP2AVE	7008/2210/Dec 30w	YU3DG	7023/0050/Bec 31v	
	4FW 7007/1610/Dec 30w	TL8LU	7008, 0350/Dec 21w	5N2AAF	7084/0615.Dec 236	
HB	9VS 7005/0550/Dec 30w	UAØKAN	7006/2300/Jan 1w	6W8DY	7085/0820/Jan 2n	n
JH	1BBT 7004/2140/Dec 31w	UB5IF	7004/2250/Jan 1w+	6Y5SR	7004/0040/Jan 20	N
	6AAY 7008/1435/Dec 22w	UK3XAA	7021/1530/Jan 2w	SP6AJ	7160/1105/Jan 4v	N
		UL7GW	7003/1900/Jan 1w	KV4FZ	7155/1030/Jan 4v	
	,, ,,					
Lili	理 7011/1315/Dec 28e	UT5SY	7003/2300/Jan 1w	KZ5RP	7004/0240/Jan 2v	N
EL	7D 7085/0720/Dec 171	ı KP4UW	7009/2235/Dec 24m	VP2LAW	7028/0230/Dec 266	9 .
				9G1HE	7085/0745/Dec 17]	
	7/,0120/			7GIIID	1000/0140/100 113	Lu
	ØKLU 7020/0025/Dec 29k		7013/0600/Dec 26m	•	₩,	
	1JI 7194/1200/Dec 23k		7024/2230/Dec 28kv	1.5		
I1	CUV _ 7013/2215/Dec 24m	VP2SDH	7194/1200/Dec 23kv			
A3	5FX 3517/0705/Dec 23w	LUSAJG	3745/0850/Dec 30m	VS6DO	3800/1040/Dec 29v	N
	2AA 3795/0515/Dec 29e	LU5HFI	3501/0730/Dec 31w	VS6GM	3795/1420/Dec 25v	
	2AQW 3795/0735/Dec 26w	LX1BW	3792/0815/Dec 30m	YAIAH	3785/0325/Dec 316	
	1DN 3788/0940/Jan 4w	OA8V	3801/1055/Dec 31w	YV5BTS	3786/0610/Jan 3v	Ŋ
DU	2EL 3799/1450/Dec 23w	ON4NA	3799/0605/Jan 3w	YU2HA	3786/0515/Jan 4v	Ñ
DJ	9KH 3789/0500/Jan 4w	ON4UN	3792/0625/Jan 4w	YU3AUP	3785/0330/Dec 316	9
	3KO 3791/0640/Jan 3w	OX3EA	3787/0700/Dec 27w	ZK2BD `	3800/0715/Jan 6v	
	6S 3793/0650/Dec 28m	OZ5KF	3800/1500/Dec 28w	ZK1AA	3856/0830/Dec 26v	
	8CY 3794/0210/Dec 27e					
		OZ7RQ	3514/0720/Dec 23w	ZL3KK/C		
	30QR - 3799/0930/Dec 31e	PJ9BB	3805/1130/Dec 31e	ZL2BT	3803/1300/Dec 306	
GC	3TJW 3784/0635/Dec 26e	PJ@CW	3797/1030/Dec 31w	ZS1MH	3749/0335/Dec 24v	V.
G3:	ZEM 3797/0755/Dec 29e	PY9MP	3502/0330/Dec 26w	ZS3AK	3799/0510/Dec 27v	V
	TJW 3797/0815/Dec 29e	PZ1BK	3792/0215/Dec 28e	K3/6Y5	3783/0550/Jan 3v	
G2:		SM7BLA	3784/0730/Dec 26e	6W8DY	3796/0805/Jan 2m	
	3TVJ 3799/0840/Dec 22w	SM7BIC	3795/0555/Dec 29e	* 8P.6CS	3792/0205/Dec 276	
	2YL 3792/0345/Dec 30w	TISPE	3792/0220/Dec 27e	SP.6CX	3790/0810/Dec 266	
W2	/HH4 3809/0200/Dec 30e	UL7JG	3507/0135/Dec 24w	9L1VW	3792/0205/Dec 276	2
	ØBKX 3792/0310/Dec 29w	VK5PB	3694/0950/Jan 2w	DL7HU	3797/0730/Dec 296	è
	6CV 3804/0910/Dec 1712		3793/0500/Dec 28w	YV 5CWO	3805/1105/Dec 316	2
	6JB0 3796/1410/Dec 23w	VP2LI	3785/0335/Dec:31e	7 4 70 MO	Soot Troll pec 216	
	2000 / 1410/ Dec . 23W			3	S. A. S. C.	
KL	7FA 3807/0810/Dec 1317	T VR1AA	3800/0700/Jan 6w	T MESH W		
T		. 1 17	the second second second	- Y		٦

[[]e = eastern states m = middle states w = western reaches kv = virgin islands [lu = argentine etc # = lorgoath all times in gmt ??? = It's Slim Again

CALENDAR

SOUTH SHETLANDS AVES

St PETER AND PAUL RIO de ORO SWAZILAND LUIZC for three days from January 9th...
YVØAA by Radio Club Venezolano...Big Operation..All Bands
from January 9th for four days
PY2WH reported as aiming for early February...
EA8 DXpedition aimed for mid-April
ZS6OS/PAØKGS due to operate /3D6 thru 1/9..10/15 mtrs.

FANNING A note from Mike Kehr, K6GUY, give some more information on the very successful recent VR3-Fanning operation. Mike writes:

..K6GUY, W6GQU and KH6HET made the operation at Fanning and we flew from Hawaii to Fanning in a modified Piper APACHE. The 8 hour flight was uneventful until we blew a tire on landing on the short coral runway during a blinding rain storm. Because of the storm we were unable to put up the beam (TH3) until the following day and had to settle for a dipole strung between two coconut trees for the first evening.

The equipment was two FT-101s with outboard VFOs. A broken Matchbox prevented the use of the long-wire antenna already placed there by the Cable and Wireless group from London. Almost 4000 contacts were made and 117 countries in 34 zones were worked. Most of the operation was on 15 and 20mtrs although about 100 contacts were made on 40mtrs and a few on 10mtrs.

The majority of time we operated split frequency and often by call areas. We were very pleased by the cooperation we received which allowed us at times to work at a rate in excess of 100 stations per hour. We felt the operation was successful although our operating time was limited by our medical responsibilities to the University of Hawaii Research Station on the island.

We plan to return to Fanning later this year and hope to activate Palmyra Island at that time as well. In addition we are in the process of looking into several other rare Pacific locations for possible future expeditions.

A slide show consisting of slides and a pre-recorded tape cassette is being prepared and will be available for showing on request. The show runs approximately forty minutes and any requests for the slides and tape can be sent to Michael Kehr, 923 Hilts, Los Angeles, Calif. 90024, or to Eugene Seymour, 1465 Monaco Drive, Pacific Palisades, Calif. 90272.

MONOBAND WAZ CQ Magazine opened up their MONOBAND WAZ award January 1st and the award is now available to anyone working the forty zones on a single band since last week.

The full rules are in the November QST. With the ARRL Contest week-ends coming up in the near future, the possibility of garnering the zones will be good and the winter book at Las Vegas is saying that fifteen or twenty will probably produce the first monobander WAZ with fifteen a slight favorite. Forty is considered a good possibility but an outsider at this time.

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

Some of Our January Specials in Used Gear ...

Collins 75A4	rcvr	\$325.00	NEW TEMPO 2000 Linear	\$300.00
SUPER CLEAN	75A4	345.00	[Needs antenna relay Guaranteed]	
Linear	30L1	395.00	Hallicrafters HT 32—HT 37s	175.00
B&W Linear	LPS1	200.00	National NCX 500 a.c	325.00
			NCX 5 a.c	395.00

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If you are looking for a piece of gear....write us. Tell us your needs....

Max W5GJ Don K5AAD Dave WA5ZNY Mary W5MBB

VESTA Karl has returned to the weather station at Yellowknife and will be there for another three month tour. On his recent trip to Europe, Karl passes along the following:

"The operation from 3A-Monaco did not come off because I was unable to get a license. Contrary to the way it used to be...licenses issued immediately on application...there is now a strictly enforced 30 day waiting period. It does seem that some of the 3A poperations may have been on French soil. Monaco is on the south side and at the base of a high mountain which effectively blocks off signals from the west, through north, and around to the east. In order to get out to the northwest and north, some with 3A plicense apparently operated mobile from the top of the mountain...but they were then not in Monaco. As a result, the police and PTT people now take the 30-day waiting period to check out the installation and make sure that the 3A-call is being used in Monaco. So I returned to Paris, renewed by Fp-call and operated 12 days from Ajaccio on Corsica as FpADO/FC. Conditions were not good and I worked only a few W6/7s and none on 75. I worked 126 countries in 12 days with the FT 101 to a 14AVQ. This ;makes 4 continents on which I have worked DXCC with two to go...

TNX to W1AM, DL2AA/W1, W2OVC, W3CDL, W4BA, W4EH, W4GTS, W4HU, K4IIF, W4KA, WA4WIG, K4MZU, W4VPD, WA5EMH, W5UBW, WA5UCT, WA5ZIPH, W6APW, K6AQV, K6CAK, K6GLC, K6CUY, W6GQU, WA6JVD, W6KNH, W6MI, W6OKK, W6OL, W6PT, W6RTN, W6TCQ, W6TSQ, W6TTS, WB6UDC, K6UJS, W6VBI, K6WR, W6YHT, WB6ZUC, W7NEO, W7QNI, W7YIN, W7UXP/4, W9DDL, WA9JDT, K8RWL, W8ZOK, KV4AM, LU8AJG, VESRA.

WEST COAST DX BULLETIN Published every week by the Marin County DX Group. One of the local grpers came by last week and we talked of a number of things. "You know", he said, "being involved in this radio bit does teaches one a number of things". We waited for the story and sure enough it came. "Over New Years the XYL mentioned that one of the units in the electric range was not heating properly. So I grabbed a screw-driver and pulled the control panel off the front. Could not find anything wrong so I went to put it back. I had not bothered to cut off the power and in putting back the unit I shorted the two-twenty terminals to the stove. There sure was enough smoke, fire, flashes and noise to satisfy anyone. All the wires in the back were burned right off the unit". We thought this over for a bit, figuring that maybe there there was something obvious there. So we asked the QRPer: "What did you learn?". The QRPer beamed. "I learned to think fast. As soon as the smoke and arcing stopped, I casually asked the XYL. "Have you ever thought of getting a new range?". Son of a Gun, when one thinks it over, the QRPer was a fast thinker and came up with the right answer. \$9.00 for a full; year of DX Answers...\$10.50 brings it airmail....

WEST COAST DX BULLETIN 77 Coleman Drive San Rafael, Calif. 94901

FIRST CLASS FIRST CLASS FIRST CLASS