

SERRANA BANK A group headed by KZ5PW and KZ5ZF have firmed up plans for a Serrana Bank operation for the last week in October, including participation in the CQ WW DX Test on October 28/29th. The plans are for the operation to run from October 26th to October 31st.

plans are for an all-band operation and antenna planning includes a TA-33 tri-bander, a 14AVQ and a thousand feet or so of wire to provide for any additional antenna needs. The call to be used will be KS4KZ and the license and transportation are reported as firmed at this time. The KS4-call would indicate that the operation will be mainly in the U.S. bands, at least for the phone operations though c.w. operations are also in the planning. KZ5ZZ is also mentioned as being in on the trip. Before and after the operation, the group will work multi-transmitter but during the CQ test they will be operating in the single-transmitter class. More information should be forthcoming on this operation.

BRITISH PHOENIX Jim W6BHY, will be in the island group next month, arriving some time around the middle of september. He will be there several weeks and will sign VR1W and KB6DA while there. Plans are for all band operation including 160mtrs. The length of the stay is not know yet but should Jim be there in the last week of October, he will operate VR1W in the CQ WW Test.

CRETE SV1FT has been showing regularly...was at 21334/1940/Aug 16th...21297/2250/Aug 15th ...14218/2310/Aug 18th. Name is Nikos and QSLs go to Bx 15, Chania, Crete. He asks for a s.a.e with IRCs for QSLing.

BAND CONDITIONS An examination of Sunspot Louie this week will show the sun as marked by only a few small spots. The big disturbed area that passed to the back of the sun a couple of weeks back may be coming around to the front again this week and the conditions may see some changes.

The morning long-path is showing a considerable amount of DX and should be checked. Both East and West Coast report working into the Africa-Indian Ocean area on this path. The north-south path shows activity even on ten meters. One south Florida station reports working CX/CE stations long-path on ten meters around the middle of the day.

Many groan over conditions....but one old timer points out that a cycle or so back when a.m. was the predominant phone mode that the DX that is being found these days would have seemed like pure ecstasy (DX Type) back in those days even when the top of the sunspot cycle was near. Twenty years ago around this time of the year W1FH led the Honor Roll with 246 countries mixel-modes and 215 countries on radiotelephone. Son of a Gun. Tomorrow will be a brighter day....and as the Hero of Mafeling would often say: 'Be prepared!!'. Work on the antennas if nothing else is doing. Contest time is around the corner.

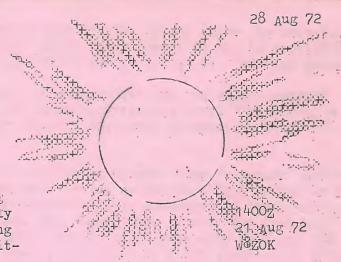
SPRATLY The latest date being given for the spratly operation is sometime early in December. It is said that all the gear and transportation are ready...everything is all set to go but rather than rush in they are waiting for the end of the monsoon season in the south China Sea.

The planning has progressed for sure and the operation is still alive but the post= ponements may indicate some small problems. There are a number of groups looking at Spratly and something will show one of these days...that is for sure. Be patient!!

SUNSPOT LOUIE:

Five small spots appear on this chart. These spots are approximately 6000 to 8000 miles in diameter. The spot on the lower edge was just appearing on the date of the observation.

The low activity has resulted in few good openings in the last week or so. The sunspot activity is expected to decline during the Fall months after having been relatively steady during the summer. During the coming weeks you may rur into widely varying conditions during a short span of time.



SHORTLY NOTED SV1FT, Nikos, on Crete is an ex-WA6.... Son of a Gun, those 6s will go to a lot of length to make QSOs. FL8HM will be traveling in the Middle East in the coming months and plans to visit Jordan and Kuwait among other spots.... Hassan will be operating from a number of spots and hopes to have the calls 9K2HM in October and JY9HM shortly afterwards. Look for Hassan on Friday/Saturday/Sundays from 0300Z around 14300kc. QSLs go to K4SKI.

KP6AL was heard on the air in mid-August. Some say he made a fast trip to the island but others saying that he was vacationing on Kauai in the Hawaiian group. Before any one takes to gritting their teeth in frustration, Jack is thinking of another trip to the KP6-area and some KH6s are discussing the idea with him. The KP6AL/mm was

also being heard in August.

One prominent PY2--(female type) said she recalled filling out a PTOMI QSI and mailing it to a deserving 4-lander. He is chewing his nails in anxious anticipation but no one seems to have received any of the St. P&P QSIs or the Fernando de Noronha ones. On the TI9J QSIs, the Central American Desk has been trying to run down the problem. One report is that those on the trip have received less than 500 QSI requests to date and are concerned about how many QSIs to print. Less than half of the 500 received had any IRCs for the return of the cards.

The september QST will have on page 106 the full details on the Minerva matter. An ARRL bulletin on August 24th pointed out that Minerva is less than 500 miles from

Tonga.

VP2SU goes to Box 145, St. Vincent. 9A1AG which showed from San Marino on 20 c.w.

a week or so ago QSLs to DJ2TI. VU25FBZ in the Andamans QSLs to K6TWT.

VPSME on the south Orkneys says he is at 7220kc/0700z most days and at or about 3800kc at 1000z. He is also on the higher frequencies....QSLs go to WA5FWC. The Trinidade pyp effort of early August is said to have been curtailed when the boat skipper became worried over worsening weather conditions.

some may be getting into the groove where DX is like a mid-day TV soap Opera. One of the faithful said he had beer gone for a month...but things were not changed much and it did not appear he had missed anything. How about that? And we wonder how Erica in 'All My Children' will turn out with her latest problem. Anyone with some

good ideas?

OKIWC looking for California Counties...lurks around 14076/0530Z on r days trying to trap a few unwary ones. HP1IE is expected in California in early September...will be visiting here and there. ET3JH will be leaving Ethiopia shortly. Rosie and Bill, EP2YL et al....were signing JY9YL and JY9FB last week. HC1RF has closed down his station and is waiting for a transfer... but not sure where he is going. Fred Laun, W9SZR/HS5ABD etc is going shortly to Cornoba in Argentine and expects to be signing a LU-call before long. CR9AK was heard calling 'CQ' on twenty c.w. last week but did not respond when called. Sure missed a good chance to work some of the rare W/Ks. K8RWL make an insurance contact with VK9JW....seems that it turned out that the first first one was not good....the 'insurance'one was was the last contact make by VK9JW and they shut down the operation. Shows what clean living does. The WCDXB used some 60 IRCs last week trying to get the answers to some questions...mostly DX type. Maybe we will have them in the xt week cr so. Meanwhile...ho o you QSL VP2DI.

Go where the D. X. waits thee! But while fame elates thee, Oh, still remember Red Eyed Louie.

AFRICA.				0.0000 / 0.000 /	00	0	24022/49/15/11	
CR4AG	21025/2100/Aug		EL2DG	21057/1855/Aug		ZE8JW	21022/1845/Aug 21w	
CR5AJ	21060/2030/Aug		FHØDL	14048/1215/Aug	11	ZS6CW	14030/1530/Aug 23w	
CR60P	21060/1855/Aug		FB8XX	14049/1240/Aug	-	3B8DX	14042/1120/Aug 22e	
CR7IZ	21047/1905/Aug	21w	FL8HM	14046/0210/Aug		3B8DA	14040/1255/Aug 18e	
CR7GN	14016/1450/Aug	18w	FL8MB	14033/0200/Aug	17w	3D6AX	14025/1410/Aug 16e	
FA8HS	14060/0030/Aug	18w	SU1IM	14044/0250/Aug	22e	5H3MM	21080/1700/Aug 23w	
EA9EO	14005/0100/Aug		ZD8DLG	14002/0000/Aug	18e	9xJGI	14042/1730/Aug 18w	
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ASIA				1 - 01.61		-	1000/0000/	
CR9AK	14057/1705/Aug	_	OD5IX	14028/1600/Aug		UKØKAA	14010/2230/Aug 16e	
HL9VJ	14028/1225/Aug	18e	UA9QAQ	14050/0230/Aug		UM8MAD	14007/1525/Aug 20w	
HM1BB	14014/1255/Aug	19e	WAA8IU	14025/1425/Aug	18w	9N1MM	14038/1500/AUC 18W	
HMØB	14041/0625/Aug	14w	UJ8VH	14009/1550/Aug	23w	UVØASK	11.035/0355/Aug 19w	
HS4AFX	14054/1640/Aug	21w	UL700	14C50/0235/Aug	22e	VU25FBZ	14004/1600/Aug 18w	
JT1 AO	14055/1505/Aug	23w	UL7GAN	14046/1630/Aug	21w	VU25WS	14050/1540/Aug 22w	
OD5FII	14042/0230/Aug		UL7GW	14009/1610/Aug		VU25TN	14041/1630/Aug 17w	
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EUROPE.	-C-W-						*	
C31AQ	21013/1900/Aug	20w	IT9AF	14038/2250/Aug	17w	UR2ZN	1.4069/0415/Aug 23w	
C31F0	21087/1955/Aug		UA1FJ	14075/0450/Aug		UR2TAY	14032/0625/Aug 18w	
C31FQ	14023/1840/Aug		UB5TO	14035/0340/Aug		URZZN	14069/0415/Aug 23w	
EI9BG	14033/1900/Aug		UC20AF	14029/0510/Aug		UT5EW	14045/0505/Aug 20W	
	14027/1515/Aug		UK2FAS	1404 /0135/Aug		YO7DL	14022/0415/Aug 17w	
EI9J				1404 /0133/ Aug 1404 /1445/ Aug		9 1 1 AG	14031/2335/Aug 17e	
	rc14048/2350/Aug		UK7EAA				21014/1700/often	
MJI	14022/0130/Aug		UO5WB	14028/0345/Aug		9н1сн		
ON4RG	21044/1835/Aug		UP2BV0	14022/0415/Aug		9H1KK	14018/2245/Aug 16e	
OY9LV	14011/2240/Aug		UQ2GW	14020/1805/Aug		1.80	* * * * * * * * * * * * * * * * * * *	
OZ2X	21045/1740/Aug		UQ2IF	14016/1840/Aug				
LZ2RC	14016/0315/Aug	17w	UQZAN	14041-/0440/Aug	15w			
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CO2FC	14062/1440/Aug	14W	KP4DLC	14047/1610/Aug	20w	TG9YN	21025/0120/Aug 20w	
CO2BB	14017/0450/Aug		KV4CK	14033/0225/Aug		VEØM7	14020/0625/Aug 18w	
CX7BBB	14011/0145/Aug		кх6ЕВ	21048/2300/Aug		AK5ID	14051/1125/Aug 18e	
DUGRH	14005/1435/Aug		KC6BB	21020/2050/Aug		VK6CX	14066/1140/Aug 18e	
FK8KAA	14020/0620/Aug		OX38S	14021/0150/Aug		VP2LAW:	21077/2040/Aug 20w	
	14030/1425/Aug			14006/2325/Aug			14029/1715/Aug 20e	
HI8AJC			OX3QI	14000/2525/ Mug	77.	VP7CQ	14026/2335/Aug 21w	
HI3PC	14003/2305/Aug		PJ2NR	14006/0105/Aug			14014/2305/Aug 16w	
HP1IE	14010/2245/Aug		PJ2AR	14047/6235/Aug		VP9HF		
HC1JU	21071/2230/Aug		TG9RJ	21029/1720/Aug		ZK1VV	14080/0515/Aug 21w	
IIK2DP	21028/2315/Aug		TG9HT	21025/0230/Aug		ZM2/FZ	14050/0425/Aug 18w	
KG6JAR	14051/1200/Aug	1ŏe	TG4SR	21050/0220/Aug	18W	YN1FFX.	14053/0545/Aug 14w	
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VSCVB	21353/1900/Aug		EV8ID	14213/0150/Aug	19m		9 21334/1805/Aug 13	5W
CR6CA	21301/1810/Aug		the sec 2. Or mine	14235/1415/Aug		ZD3D	21415/1620/Aug. 29e	
CR6CA	14332/0100/Aug		FHØDL	14206/1330/Aug		ZD8RW	28570/1920/Aug 24w	
CR6IY	14202/0600/Aug		FHØDL	21283/1655/Aug.		5U7AS	21360/2040/Aug 16w	
CR6QA	21280/2005/Aug		FL8HM	21284/2010/Aug		,5VZGE	14236/2200/Aug 29w	
CR6LG	21290/2005/Aug		TU2DD	21317/1900/Aug		5z4DV	21288/1820/Aug 21e	
CR7IZ	14214/2010/Aug		TY3ABF	14220/0100/Aug		7x7G	21292/1630/Aug 30e	
CR7LE	14250/1355/Aug		VQ9MC	14215/1630/Aug			14205/1815/Aug 18e	
CR3AB	14291/2210/Aug	16m	VQ9R	14333/2100/Aug	15m	9x5ma	21352/1955/Aug 15e	
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HL9VF	14216/1230/Aug 16e	UL7JL	14210/0200/Aug 20w	4x4qs	21341/1445/Aug 14w
HM1BB	14204/1530/Aug 17W	VS6EG	14212/0905/Aug 13w	4X4UF	14333/0130/Aug 22m
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on all property of the state of	14203/1305/Aug 18e	VU25BX	14218/0130/Aug 16e	9M2AP	
JY9VO	14280/2350/Aug 18e	VU25DK	14196/1550/Aug 18w	9M2GV	14249/1455/Aug 21w
JY9YL .	14265/1500/Aug 22w	VU25KV	14196/1530/Aug 17w	9N1MM	14228/0100/Aug 21w
Charles To Water	14265/1500/Aug 22w	XV5AC	14243/1430/Aug 22w	9V10X	14245/1430/Aug 17w
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CT2BH	14281/0140/Aug 20e	OE1SSW	14203/0310/Aug 17w	UR2GBJ	
EA2CX	21283/1555/Aug 17w	ON4KS	21276/1750/Aug 20w	UY5LK	14211/0320/Aug 24w
EA6BJ	21301/1450/Aug 17e	SV1FT	21334/1940/Aug 16e	YO2BB	14204/0440/Aug 23w
GI4BBV	21309/1740/Aug 20w	SVØWUU	21319/1635/Aug 20w	yo7DZ	14207/0405/Aug 24w
4111		SVØWU	14260/0140/Aug 19w	ZB2CL	14218/2055/Aug 20w
GI30QR	21311/1735/Aug 20w				
GB2SM	21285/1605/Aug 20w	UC2AF	14217/0455/Aug 23w	9H1BX	14203/0140/Aug 16e
LX1BJ	14259/0540/Aug 22w	UD6CC.	14226/1235/Aug 20e	9H1BX	21350/1600/Aug 23m
M1A: .	21350/1600/Aug 23m	UD6CC	21316/1645/Aug 16e	9H4C	21330/2050/Aug 16w
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A35LF	14201/0440/Aug 23w	KG6JA	14246/1315/Aug 18e	VR1AC	21305/2300/Aug 18w
C21TL	14214/0450/Aug 20w	KJ6CF	14221/0325/Aug 17w	VR4BS	14210/1245/Aug 19w
CP5BC	21330/1815/Aug 19w	KS4BH	14215/0410/Aug 16w	УВЗЛАУ	14261/1145/Aug 17e
CX6 AM	28605/1810/Aug 14e	KS6DH.	14225/1130/Aug 17e	YBØABE	14277/1540/Aug 17w
	14264/0930/Aug 13w		14325/1225/Aug 22m	VJ8BL	14214/0550/Aug 18w
DUIGJM		KS6CY			
DU1KJT	14267/1245/Aug 19e	LU2HCO	28586/1900/Aug 18e	YS1WPE	14215/2245/Aug 19e
DU1FH	14212/1205/Aug 19e	LU4VL	28582/1505/Aug 20e	ZP5TQ	14323/1115/Aug 16e
DUSTE	14211/1505/Aug 21w	LU7FAG	28600/1640/Aug 19e	3D6FK	14249/0515/Aug 20w
	14258/0525/aug 11w	0A40S	14280/0420/Aug 17w	6y5gB	14,85/2305/Aug 21m
	14216/0210/Aug 20m	10	14191/0230/Aug 20e	8R1W	14190/0230/Aug 20e
FM7AA		TG9DX		m	
FM7WN	14238/2250/Aug 21m	TI20FR	14201/0300/Aug 17w	8 _R 1 _Q	14203/0110/Aug 21w
FPSDII	14209/1120/Aug 16e	VK9FH.	14312/0700/Aug 21w	9 ү 4 Р Н	21370/1435/Aug 19e
FYZAE	14299/1220/Aug 20e	vk9xI	14242/0900/Aug 13w	9 y 4 v U	21300/1435/Aug 19e
HKØBKX	14193/1340/Aug 13w	VKØRC	14265/0550/Aug 22w	9Y4LF	14285/0055/Aug 20e
	28621/1655/Aug 19e		14235/0530/Aug 11w	97477	28589/1820/Aug 19e
HK3BGB		VP2VAR		F . 100 FF . 100	28597/1810/Aug 19e
HC5AT	28551/2240/Aug 20w	Absin'	28597/2135/Aug 11e	9 у 4 м н	
HR2AFK	14203/0240/Aug 17w	VP2GBL	28580/1845/Aug 17e	ZF1WE	14328/1120/Aug 18e
KG6NAC	14287/1245/Aug 23m	VP2KF	1420 /1100/Aug 18e	ZP5FN	28570/1840/Aug 19e
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FORTY/FT	GHTY DESK		133		
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VK3ABM	3695/1220/Aug 11w	CXSVT '		PZ1AH	7007/0350/Aug 15w
	3695/1255/Aug 11w		7001/0350/Aug 15w	UK1CZA	7010/0525/Aug 15w
VP7cq	3530/0245/Aug 19e	FB8XX		UADLEX	7007/9430/Aug 18w
VP7ND	3804/0215/Aug 16e	FO8CR	7011/0555/Aug 15w	Abstva.	7013/0045/Aug 20m
	3835/0805/Aug 12w	HC1 AN	7243/0430/Aug 19e	YU3DCD	7027/0055/Aug 20m
9V1RE	3805/1300/Aug 14w	KC4USV	7290/0830/Aug 14w	4M5A	7009/0410/Aug 22w
	10, 10, 10	KS6DY.	7030/0430/Aug 22w	8P6AJ	7213/0245/Aug 16e
		KS6DH	7008/0530/Aug 19w	9Y4LP	7203/0400/Aug 20e
		KZ5EE	7213 0245/Aug 16e		
		11417 1111			

CALENDAR

EASTER ISLAND
SERRANA BANK
BRITISH PHOENIX
ANDAMAN ISLANDS
SPRATLY
EUROPE-DARC TEST

September 9/10th by CEGEF
October 26-31st by KZ5ZF, KZ5PW & Co.
VR1W by W6BHY in mid-september
VU25FBZ active now on twenty c.w.
End of the year....possible.
Phone portion...september 9/10th

MINERVA The King and Queen of Tonga passed through Panama recently and the Central American Desk of the WCDXB QSYed to the Atlantic side of Panama to make some soundings on the Minerva situation.

In official Tonga circles, Minerva is now referred to as "Teleki Tonga". Our Central American Desk was referred to one of the attaches in the group for the fielding of his questions.

In the maintenance of the claim for Minerva, it was mentioned that it may be necessary to provide a 'government de facto' to satisfy United Nations and other International tribunals as to the validity of the Tonga claim to the reefs. This might involve the maintenance of a skeleton crew to mainten physical possession of the reefs.

The costs of such maintenance would run in excess of \$60 000.00 annually which may prove a burden to the Tongan economy inasmuch as there would be scant possibility of any return on the investment. A possibility of the involvement of up to 15 people on the reef plus the accessory costs may bring some other thoughts on the matter into prominence.

Anyhow, that's the up-date on Teleki Tonga. There are some who feel that even with all this 'de facto' activity that there may be a serious challenge to Tonga's claim of sovere gnity by the Minervans...this depending on how serious they may want to pursue the subject through any available international courts.

Meanwhile, hold on to your 1M-Minerva OSLs...should you have one....Minerva may rise

Meanwhile, hold on to your 1M-Minerva QSLs...should you have one...Minerva may rise again from the depths.

K5AAD/WA5ZNY The traveling members of the Busick family are back under familiar skies in Houston, and David, WA5ZNY, forwards some of the statistics on their trip.

In their various stops, their QSO totals were:

VP2VAU-British Virgin Islands 1021 QSOs
FM7AD Martinique 1799
FM7/FS7 St. Martin 3333

The total number of QSOs ran over 6000 on the trip, this might have been multiplied had the AVES trip jelled. Don and David spending twelve days in St. Croix waiting for the YVØ license and passed up the chance to operate from St. Kitts and Saba. The conservation group which did go to Aves to study the turtles and other matters of an ecologial nature are working on donations and would be interested in visiting other turtle areas if they can rake together the funds. They are interested in making ecological studies in the Mapelo/Trinidace and South Atlantic spots including the various VPOs. This may be somewhat nebulous at this time but it does offer a bit of possible hope.

K5AAD and WA5ZNY are planning to return again to the Caribbean, among their plans being either st. Martin or British Virgin Islands fon the 1973 CQ WW DX Test.

COMORO FHODL showing up last week in a rumber of spots across the bands. The station has been on both fifteen and twenty.....14048/1215/Aug 21st... 14206/1330/Aug 22nd... 21285/1655/Aug 24th. QSLs go to DK2SI. On some mornings FHODL was coming through on the LP to the East Coast.

w6AM Over 100 visitors showed up for the Don Wallace Rhombic Visitors Day a few weeks back, their being four continents represented in the group. G3KPO, curator of the RSGB museum was a special guest at this fourth gathering of DXers at the site on top of the Palos Verdes Peninsula.

MARION ISLAND ZS5PG relays the information that ZS2MI has been off the air for the last week or so, possibly with either a blown-down antenna or possibly generator trouble.

These islands were discovered two hundred years ago in 1772 by the French explorer, Marion Dufresne who called them the Frigid Islands. Captain James Cook four years later came along and called them princeredward Islands. When the French protested they had already been discovered and named, Captain Cook compromised by calling the large island 'Marion' but retaining the prince Edward name for the whole group. The islands were visited in 1840 by Sir James Clark Ross on his way to the Antarctic and Charles Darwin visited them in 1873. In 1947 Field Marshall Jan Smuts ordered them annex to South Africa and these windy, foggy and inhospital islands became the only colony of the Republic of South Africa.

The Icebreaker RSA recent surveyed the long undersea ridge of which the islands are mounts which rise above sea-level and visited Marion to remove a team which had been adding four new buildings to the village there. Chief Meteorologist Henk Tiggleman was being returned to the island for his third tour of duty there. Not many come back to Marion for a second stay. Some 700 miles from civilization, the crews are left on the island for a year to operate the weather base and maintain So.Africa's sovereignity.

TNX to W1AM, WA2BCK, K2BT, WA2DHS, W2FXA, WB2YQH, K2LGJ, K4ADT, K4FRY, W4HU, W4TUC, W4UF, W4HXY, K5AAD, W5LZZ, WA5ZNY, W6AAO, W6AM, W6BJI, K6EC, W6EYR, WDX6GXV, W6HRE, WA6JVD, K6LAE, WA6MWG, W6OKK, W6TSQ, W6TTS, K6UFT, WB6UOM, K6WR, W6YFR, W6YUS, W7FSE, WA6ZUC, W7PFZ, W7YTN, W8OA, K8RWL, W8ZOK, W9DDL, W9DRL, WØJRN, WØYDB, HP1JC.

WEST COAST DX BULLETIN published every week by the Marin County DX Group. After a prolonged row at the local club meeting, some of the locals were talking the events over with the Old Timer. The more they talked in explanation, the more strident their voices were. Finally they put the question to the Old Timer....who thought things over a bit before replying. Finally he said: Maybe if you were to talk a bit more softer, you might hear more. Son of a Gun!! What can one say when the Old Timer speaks. Only that you cannot work yesterdays DX but \$9.00 will bring you a full year of what tomorrow's DX will be....\$10.50 brings it airmail. Speak softly and Red Eyed Louie will be your big linear....

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

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