

TONGAREVA ZKITA opened up last week, working fifteen and twenty every day and at the

TONGAREVA ZK1TA opened up last week, working fifteen and twenty every day and at the end of the week it appeared that the operation might go on a bit longer than originally anticipated.

Transportation from Aitutaki north to Tongareva ran into some difficulties with part of the group making it to Tongareva but the balance of the group having some problems. An attempt last week to fly KH6HIF, WB6OOL and 5W1AU from Aitutaki to Tongareva was frustrated by bad weather and inability to locate Manihiki as a check-point on the way to Tongareva. Weather was described as miserable with rain and heavy cloud cover. As of Saturday the plan was to return KH6HIF, WB6OOL and 5W1AU to Pago Pago and the pilot of the plane would refuel and go back to Aitutaki and wait for conditions that would enable the flight to Tongareva.

Operating from Tongareva were K6GUY, W6GQU anx W6KNC. Last week they were mainly on 14195kc and 21295kc listening up in the bands. The prospects were that they would probably be active until this Wednesday...possibly even longer.

With this trip not working out to full expectations, the possibility was being mentioned of a return to Tongareva and future operations to fill in the spots not covered by this effort.

If you are looking for late information, check 14205kc...or 14250kc...at 0330Z, 0600Z and 1800Z where plans or development on the effort are passed along to the liasion stations.

There has been a last minute change in QSL plans. W6KNH will handle the QSLs for ZK1TA on Tongareva as well as ZK1AI on Aitutaki. In spite of the problems, the group has worked several thousand QSOs during their stay on Tongareva and ZK1AI in the Cook Islands has also been doing a brisk business.

MAC. The HongKong Desk passes along the information that any hope for any CR9-Macao action is going to be marked by....Patience.

At the present time these truths must apply...though possibly not self-evident.

- 1. No non-Portuguese citizen can obtain a CR9-callsign.
- 2. CR9AK is a private station. It can only be operated with the permission of he host
- 3. CR9AK is the only licensed station in Macau
- 4. CR9AK is the one who issues CR9 license...and even a Portuguese citizen would have problems in getting a license
- 5. CR9AK left Macau on leave on July 5th and will not return until late November...maybe not until after Christmas.

The situation at the Portuguese colony there in Macau is a bit delicate and there is no desire to disturb their neighbors down the street a bit. CR9AH who used to run the broadcast station there in Macau left in a bit of a hurry some years back with some of the high-spirited boys trying to catch John before he got clear. But wait...all is not hopeless. VS6AW will be operating CR9AK in late January of next year if all goes well.....C.W only. So live in hope but don't listen for any CR9AK in the next six months. None will be around.

REPORT FROM SUNSPOT LOUIE

The one spot on this weeks chart showed up on June 29th, the previous spots disappearing to the backside of the sun on the same day. This spot is approximately 24000 miles in diameter and is very dark and well defined. This spot is almost round and its characteristics would indicate that it is rather active. These spots are formed deep within the sun, cooling as they rise to the surface and darkening. The contrast is caused by the spot losing

,1200Z 3 Jul 73 W8ZOK

some of its brilliancy. This spot should be quite active and in the three days since it first appeared there has been little change in its size or shape. Conditions have been fairly good with openings on fifteen and twenty. If this spot stays with us, band conditions should be somewhat favorable.

QUATAR. AND VARIOUS NOTES MP4BJS and MP4BJR are thinking of a trip to MP4Q-Qatar.

A6XF (ex-MP4TEE) is returning to the U.K from Abu Dhabi. 7Z3AB is returning to the U.S. after a 30 year tour in Saudi Arabia. At the present there is no other active anateur in Saudi Arabia and Henry who made 7Z3 readily available will be missed within a short time.

The Arabian Knight Net has been reactivated and meetings are: Mondays/14250kc/1400Z. Possible gather spot for MP4B/A4/A6/OD5/CT2/JY6/SU/FL8/EP2/9K3/YK1 and 4W1. Inquiries about Kamaran, U.S. amateurs are being advised that a possibility of any Kamaran operations are nil at this time. Seems like the feeling is that an armed landing and security force would be needed for operations there at this time. MP4BBD, Roy Fleming, is returning to the Middle East where he will reactivate his former call.

SHORTLY NOTED DJ7MG will also be operating from the Aalands ... July 13th to 30th. KZ5JF who operated KS4KZ a bit back, is again the father of an 81/2 pound boy...named him Martin. VK3PA on the Pacific DX Net advised that anyone wishing to join should send \$1.00 to WB6IXC for certificate and membership number and other information. If you have a map of the Pacific, it might be interesting to check where Aitutaki, Manihiki and Tongareva are in relation to Pago Pago and Tahiti. The distances they were flying in the ancient Beechcraft are not exactly like going to the corner store. The mail service improved in the last two months, many reporting receiving the bulletin a day earlier than during the disaster period last February. However, some again saying things slipping a bit in recent weeks. According to the service standards, the WCDXB should be delivered by Monday within a 600 mile radius of San Rafael and by Tuesday elsewhere in the lower 48. This is the 1st Class mailings.... 7X2AA is reported by DL7AH to be Algeria Slim. Martin, OH2BH, left the gear on Market Reef..reports are that there was scant propagation to the states from OJØ during the four day stay there. There were some rumors on Mellish around last week but apparently nothing to them. Write your ARRL Director what you think about this. ZK1AI made over 4000 QSOs from Aitutaki and was leaving last Sunday for Western Samoa. KH6HIF and WB600L were to keep ZK1AI active until they get transportation back to Samoa. WA3HUP is supplying K5LTH/Kure QSLs in fast order....three weeks from contact to clutching it happily.

XU1AA has been showing in recent weeks on the SEANET....14320/1200Z. KA6WS sometimes taking list. On the JAs operating from Nauru, QTHs are:

JEMCKA Tack Kumagi, P.O. Box 22, Mitaka, Tokyo (ex JAØCUV/1) JA10CA Isao Numa, 1-26-19 Setagaya. Setagaya-ku, Tokyo 154

CR7IK has left Mozambique and is how at Johannesburg. QSLs still go to W7VRO. Andorra may show this month...was supposed to start end of June but no reports. Also, Malagasy was due but not reported. Last week we rushed so that we changed the name of W5MBB at Madison Electronics from 'Mary' to 'Harry'. Shows what vive, drive, drive does to one. Relax! Think Sur ots and keep cool......

The wild-fire dances on the fen, the red star sheds its ray;

Uprouse ye then, my merry men! It's our DX day....

AFRICA.		- 0	The second second	10.1/00.0/=	00	CIIC AR	11.00F /0710/In 26	
A2CCY	14242/1330/Jun		CT3AY	14211/0010/Jun		5U7AZ	14265/0710/Jun 26	
CN8CG	14278/0640/Jun	26e	ZD8RW	21282/1920/Jul	1w	5Z4NH	21309/1740/Jun 27	4 44
CR5SP	14264/0600/Jun	29w	ZD8MH	21269/1650/Jun		7X2BK	14201/2330/Jun 27	
CR6IK	14217/2120/Jul	1e	3B8MNC	14212/0530/Jun	28e	9G1HG	14206/2320/Jun 28	Se .
EA8IT	14215/0040/Jun		5V7GE	14206/2325/Jun	28e	9J2WR	21322/1715/Jun 27	7e
EA8GZ	14214/1125/Jun		5X5FS	21301/1940/Jul	1w	9L1.VW	14205/0150/Jul 1	l W
	14227/2345/Jul		5X5FS	14214/2135/Jul	1w	9X5NA		le
EA8CR			-			9X5VA	21309/1810/Jun 28	
EL2DG	14282/2050/Jun		5T5L0	14332/0025/Jul	2w	-		
EL2DZ	14203/0135/Jun	26e	5U7aZ	21259/1615/Jun	20e	9X5SP	21336/1845/Jul 1	1m
ASIA	*BB							
A6XP	14202/2110/Jul	1e	4JØDI	14207/1220/Jun	28e	9M2CJ		3W
HL9KK	14216/1215/Jun	27e	4S7AB	14223/1540/Jul	4w	9M2EE		3e
JY6FC	14229/0510/Jun		4X4UX	14221/0015/Jul	2e	9V10I	14242/1410/Jul 2	2m
MP4BJS	14226/0135/Jul	2e	5B4LD	14252/0835/Jun	30d i	9N1MM	14210/0120/Jul 3	3e
MP4BJR	14192/0015/Jul	2kv	9M2GV	14254/1345/Jun		4X4BL	14234/0455/Jun 26	
				14202/1515/Jul	3w	12 101	1 125 17 0 1557 0 522	
VU2CK	14208/0135/Jun	29e	9M2TR	14202/1919/Jul	∋W			
							. 1	
EUROPE.							1 200 /21 20/7	-
EA3JE	14213/0005/Jul	2e	HV3SJ	14265/0640/Jun	3w	OHØAM	14208/0410/Jun 26	
EA6BG	14205/0010/Jul	2e	IT9SPI	14223/0505/Jun	28w	UY5LK	14222/0350/Jun 21	
GI30QR	14205/2320/Jun	25e	IT9TRA	14207/0500/Jun	28e	ZB2CL	14211/2315/Jun 27	7w
HB9JW	14220/1730/Jun		LX1BJ	14333/2330/Jun	27m	ZB2CF	14333/2045/Jun 27	7m
11270 11	11220/ 11/0/0 002			1.5551 -55-1				
ET CEMPE	RESSSB							
CO2DC	14202/0450/Jul	2m	WA9/KM6	14222/0130/Jun	200	YJ8BD	14246/0550/Jun 30)w
		2m				YN1HF	14238/0345/Jun 30	
CX2AL	21271/1920/Jul	1w	KS6DY	14235/1155/Jun				
FG7TD	14292/2250/Jun		KS6CC	14203/0400/Jul	5w	ZK1CD		W
FO8BY	21300/1930/Jun	27w	KV4CI	14243/1740/Jun	-	ZK1MA		3W
FK8BB	14202/0515/Jul	3m	кх6ко	14218/1215/Jul	3w -	ZP5HZ	- 17771 177-1	W
FG7XL	14193/0310/Jul	1w	LU2AJG	14224/0110/Jun	29e	ZP5WO	14200/2345/Jun 28	
FY7AF	21300/1730/Jun	28e	OX3AY	14223/2220/Jul	2w	3D2DH	14221/1130/Jun 28	3e
WA4/HKØ	14348/1250/Jun		OA3W	21292/1720/Jun	28e	3D2GK	14221/1130/Jun 28	Be
HP1XEG	14225/0315/Jun	1w	PZ1DR	21276/1900/Jul		3D2EU	14210/1230/Jun 29	Эе
HI8XBA	14233/0200/Jun		PZ1DR	14200/0300/Jun		3E1KC	21310/1910/Jun 2L	te
			VK80S	14240/0845/Jun		6Y5LA	14195/1240/Jun 28	
	14233/0200/Jun					6Y5MJ		2kv
HH9WI	14245/1330/Jun		VK9FH	14230/0630/Jun	1 w			
HR2WTA	21355/0010/Jun		VK9DV	14242/1200/Jun	3w	8R1UGF		m
HH2JT	14310/1910/Jun		VK9MM	14216/1145/Jul	1e	9Y4CR	14206/0045/Jun 28	
	321 14235/1310/		VK9DB	14243/1255/Jun	30m	9Y4VT	1 - 1 - 1 - 1 - 1 - 1	l W
JA10CA/C	221 21297/0300/	1e	VK9XX	14250/1330/Jul	1e	9Y4VV		le
KB6CU	14296/1130/Jul	1e	VP2GBL	21264/1715/Jun	28e	9Y4AL	14307/0550/Jun 26	5m
KC6HC	14218/0340/Jun		VP2MF	14215/0140/Jun		9M8SDA	14250/1330/Often	
KC6CI	14219/114-/Jun		VP2LJ	14277/0320/Jun				
KG4DS	14301/0145/Jun		VP9HJ	14196/0100/Jul	2kv			
KG6SW	14250/1235/Jun		VR6TC	21355/2215/Tues				
			YJ8XX					
KJ6BZ	14331/2350/Jul	1 W	TOOVY	14145/0600/Jun	2011		(
ATET	CILI							
AFRICA.		200	CITATA	11070 1074 = 1+	21.	ZD(CD	1/1024 /070E /Tom 2/	10
	14037/1820/Jun		SU1IM	14030/0315/Jun		3B6CF	14021/0305/Jun 24	
CR7CN	14042/0445/Jul	2m	ZS2CW	14035/0610/Jun	2/W	6W8EB	14001/1110/Jun 28	oe .

ACTA CUI									
ASIACW UAØIH 14027/1245/Jun 26m	UJ8AC 14026/0235/Jun 29w	JD1YAA 14043/0605/Jul 3w							
UH8HAT 14049/0515/Jul 1d.j	HS1AJB 14018/1555/Jun 28w	VU2CP 14051/1530/Jun 28w							
UH8HA 14037/0140/Jun 27e	HS3AIG 14029/1350/Jun 23w	VU2ANI 14015/1555/Jun 28w							
UJ8AG 14054/0505/Jul 1d.j	JT1AO 14038/1450/Jul 5w	9M2LN 14045/1635/Jul 2w							
000AG 140747 07077 0 dl 141	011A0 140,00, 1450,001 5W	THE THOUSAND TO SOME LW							
EUROPE.CW									
CT1CB 14060/1750/Jun 27w	LZ2UP 14031/0345/Jun 28w	UC20AF 14024/0510/Jul 1dj							
CT1SX 21039/2245/Jun 25m	LX1CF 14042/2040/Jun 30e	UC2CB 14041/0225/Jun 27e							
DJØRM 14033/0335/Jun 26m	LZ2KST 14032/2315/Jun 25e	UC2AAM 14031/0505/Jul 1dj							
GW6YQ 14010/2335/Jul 2e	LZ1YE 14013/0505/Jul 1dj	UK1NAB 14021/1120/Jun 27e							
GM3KCY 14044/0720/Jun 27w	OK2FAM 14035/1200/Jul 2e	UK2GAT 14023/1900/Jun 26e							
GM4BVD 14012/1210/Jun 26e	OK3KEG 14035/1120/Jun 28e	UK2FAM 14034/0250/Jun 26m							
GW3PPS 14029/1120/Jun 28e	OK3TDH 14030/2245/Jun 26w	UK2PAF 14031/0335/Jun 26m							
GM3UA 14030/0155/Jun 26m	0E8FG 14059/1900/Jun 26e	UP2BAO 14055/0525/Jun 28w							
@I30IJ 14021/0100/Jun 28w	OE5WIL 14033/0530/Jun 27w	UP2AG 14024/1850/Jun 26e							
HA5KHC 14012/1155/Jun 26e	ON5KD 14044/1710/Jun 27w	UY5TF 14025/0530/Jul 1dj							
HA8KBE 14033/0525/Jun 27w	SP7ATA 14041/1850/Jun 26e	YO4SI 14016/2310/Jun 25e							
HA25KHE 14043/2155/Jun 26w	SP8YA 1403 / / 0330 / Jun 28w	Y08AGZ 14039/2210/Jun 26w							
HA25KMA 14038/2125/Jun 26w	SP8GQU 140 /2145/Jun 26w	YU1SRS- 14040/0620/Jun 27w							
HA1ØØKKK14004/1830/Jun 26e	SP6BFK 140=3/0420/Jun 28w	YU2RAZ 14040/0630/Jun 27w							
ISØCXF 14057/1855/Jun 26e	UB5RS 14029/0245/Jun 26m	YU2CEJ 14040/1840/Jun 26e							
ELSEWHERES C.	4. Ly	The state of the s							
CP1JV 14026/0140/Jul 2e	HI8LPN 14012/0900/Jun 30w	VK9EJ 14026/2040/Jul 2e							
CI1EO 14033/0325/Jun 28e	HP1XYZ 14025/0035/Jun 29e	VK8ZZ 14076/0540/Jun 27m							
DU10R 14036/1230/Jun 26m	KG6JAR 14042/0545/Jun 28m	VP2SU 14037/0400/Jun 29e							
DUØDG 14038/0225/Jun 28w	KG6ALY 14045/1525/Jun 28w	VP9CB 14091/1930/Jul 3w							
DU6IV 14050/1600/Jun 30w	KV4AA 14029/1055/Jun 26e	VR1AC 14041/0430/Jun 30e							
DUSED 14025/1600/Jun 28w	KX6LA 14035/0400/Jun 29e	VR4BS 14044/1335/Jun 29m							
FM7AD 14048/1215/Jun 26e	TI2WX 14016/0330/Jul 3w	VR4AA 14052/0430/Jun 30w							
FK8BR 14070/0550/Jun 30e	PY5UG 14030/1125/Jun 27e	VS6AW 14027/1515/Jul 4w							
FK8BV 14009/0240/Jul 1e	VA8AX 14048/0430/Jun 27w	YB7AAU 14035/1435/Jun 27w							
FO8DR 14084/0505/Jun 30w	VK6WT 14031/0720/Jun 27m	ZK1 AA 14085/0510/Jun 30w							
FK8BG 14073/0730/Jun 28m	VK8HA 14029/0725/Jun 27m	ZK1MA 14070/0400/Jul 1w							
HKØBYU 14035/0420/Jun 29w	VK9MC 14030/0430/Jul 1w	ZF1JA 14037/1250/Jun 26m							
HI8FED 14036/1050/Jun 26e	VK9MH 14016/1125/Jun 26e	ZP5KO 21043/0020/Jun 28m							
111011111 140 Joy 10 Joy 8 util 20e	VR9MII 14010/112//0 UII 200	2104)/0020/0011 2011							
FORTY/EIGHTY DESK									
G6CJ 7002/0510/Jun 27w	PZ1CU 7185/1015/Jul 2w	VK9MH 7014/1115/Jun 29e							
HK5BIR 7010/1040/Jul 1kv	TG9CD 7000/0515/Jun 28w	VP9BK 7012/1100/Jul 1kv							
HI7RF 7031/1155/Jun 30e	UK2GAN 7002/0105/Jul 2kv	YU7AHR 7004/0115/Jul 2kv							
HS1ALW 7015/1320/Jun 20w	UC2WAN 7009/0110/Jul 2kv	YV4AAO 7015/1100/Jun 28e							
JA1/C21 7004/1130/Jun 29e	UR2TAX 7004/2350/Jul :1kv	ZE5JJ 7005/0450/Jun 30w							
JE1/021 7005/1045/Jun 30e	VEØNWG 7192/0310/Jun 29w	ZK1AI 7080/0650/Jun 30w							
K5/KURE 7205/0745/Jul 3w	VK6WT 7021/1115/Jun 26e	5U4GB 7003/0450/Jun 30w							
KX6LA 7008/1100/Jun 30w	VK7GK 7088/1000/Jun 29w	9M2CJ 7012/1430/Jul 2w							
KV4AM 7017/1110/Jul 1e	VK6ZE 7013/1400/Jun 27w	7012/17/0/0 41 ZW							
CT2BG 3796/0640/Jul 3w	K5/KURE 3802/0740/Jul 2w	ZK 2 BD 3784/0540/Jun 28w							
CT1MK 3779/0500/Jul 1w	KS6DY 3808/0830/Jul 2w	ZS6DW 3778/0445/Jul 2w							
CN8CG 3779/0550/Jun 28w	VA8AX 3803/0825/Jul 2w	8P6CX 3800/0120/Jul 2kv							
G3DDK 3800/0135/Jul 2kv	ZS6TE 377 /0440/Jul 2w	-9Y4AM 3800/0135/Jul 2kv							

(e = eastern states m = middle states w = western reaches kv = virgin islands.) (dj = west germany all times in gmt # = long path ??? = Slim?? Is that you?)

JE1CKA has no external VFO for forty....makes it a bit difficult for SSB contacts up in the U.S. bands. Has been coaxed into listening transceive switching back and forth between 7155kc and 7118kc.

CALENDAR

TONGAREVA ZK1TA should be on until mid-week, possibly later.

NAURU JA-group with all band effort and strong signals through July 13th

St. PIERRE K1DRN signing FPØ-- July 12th to 16th...mainly twenty SSB.

GUERNSEY July 11th to 28th...all bands by REF group.

AALAND ISLANDS WØGYH and WØAME to July 13th.

MACAO Late January 1974 by VS6. That's to keep your hopes up

OGASAWARA Big JA effort next month. VENEZULEAN AIR FORCE CW effort...July 28/29th.

FCC vs CB The FCC raided the CBers in the San Fernando Valley a week or so ago and cited over sixty for violations of the FCC regulations. The raids came Lafter the FCC had monitored CB activity in the area for a week. In commenting on the actions, Jeffrey Young of the FCCs special enforcement facility in Santa Ana said. There was very little legal activity on the CB Frequencies compared to the illegal activity. One third of the violating stations were unlicensed. The most common violations were failing to identify call signs; failure to observe the five minute limitation; overheight antennas and overpowered equipment..

Most of those caught in the raids were using pseudonyms or nicknames including such

as 'Monkey Man', 'Fisherman', and 'Pineapple Birdman'.

The raids were precipitated by complaints from citizens complaining of interference with radio and TV reception which is often the result of a CBer using high-power

equipment, Young said.

Using direction finders, the FCC group pinpointed locations and addresses of offending operators. Stations for which no licensing records or were suspected of illegal equipment were inspected by ECC investigators. Raids were completely undercover, Young said, because if you single out a single operator they would all go off the air.

ARRL Board of Directors will hold their summer meeting in Hartford starting July 19th. Two items which are expected to be well discussed are the FCC proposal to give the CBers portions of the 220mc band and the relations of the ARRL with the FCC. It is possible that there will be direct face-to=face consultations with FCC officials on differences which have arisen during the last year.

If you have any comments on these or anything else which you may feel vital to the interests of Amateur Radio, this is the time to write your Director and advise him of your views.

On the 'anonymous' article in CQ which bravely solved all the problems involved in the FCC/ARRL spat, some have pointed to the West Coast area as the location of the author of the article. Some even say in the San Francisco Bay Area. Will the real RF Solomon stand up?

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st PIERRE K1DRN will have an expanded schedule from FPØ-St Pierre and now will operate from July 12th through July 16th...possibly July 17th. Getting to St. Pierre turned out to be not as simple as one might think.

First, the Atlantique Cruise lines cancelled their summer sailings due to some financial difficulties. Then the shipping line hauling freight to St. Pierre said that they were unable to offer any transportation until sometime in August. Finally a spot was located on Air St. Pierre and the flight from Sydney in Nova Scotia to St. Pierre will be by a cummuter aircraft.

Operation will be mostly on 14mc SSB. QCL to K1DRN home QTH. Vern says that after the work on this comparatively simple trip, he wonders what must go on for a major effort

5Z4KL Andre Saunders left Nairobi the last week in June and is now relocated in Scotland. His present address isWert Coullie Croft, Udny, Aberdeenshire. In six years of operating from Kenya, Andre had a DXCC total of 314/314. On the others presently credited for DXCC purposes, Andre says they were never on while he was in Kenya and he succeeded in working everyone that showed. He left needing but two on 80mtrs for 5BDXCC.

TNX to W1AM, K1DRN, W2DOD, W2DPL, W2OVC, K3TUP, W4BAA, W4EH, W4HU, K4IRQ, W4TUC, W4UF, WA5EMH, WA5WEY, WA5ZUH, K6AQV, W6BJI, W6ID, WA6JVD, K6LAE, K6SX, W6TSQ, W6TTS, K6UFT, K6WR, W7NCO, K7NHG, W7YTN, W8OA, W8ZOK, W9DDL, K9KXA, KV4AM, CR7IK, DA1AZ, LU5HFI, V86DR, V86AW, 5Z4KL.

WEST COAST DX BULLETIN Published every week by the Marin County DX Group. One of the local ORPers turned up recently, somewhat scratched and torn. "It was a raccoon", he explained. "They had been making trouble at night so I set one of these humane traps to catch them. Caught a big bull raccoon the first night out". This sounded a bit interesting so we urged him on. "What happened then?", we asked. The QRPer sighed. "You know", he said, "I'd figured out all the angles on how to catch him but never thought what I would do then. There the raccoon was in the cage, mean and bitter. And there I was trying to figure out things...so I finally decided to let him go. But when I lifted the door, the ingrate ran right over me, scratching me on the way. What did I do wrong?". We thought this over for a bit for certainly there are problems in the wilds of Marin that exist nowheres else. "You know", we said finally, "maybe you'd better stick to DXing. Those raccoons seem to have something over you....maybe you're overmatched". The QRPer thought this for a bit. "Why not", he sadly said. "At least there when I get stomped on the scars don't show". \$9.00 for a full year of how to avoid an enraged bull raccoon's charge....\$10.50 brings it airmail. Learn how to distinguish the wrong way to win friends and influence the indigenous raccoons.

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