

TONGAREVA The Tongareva DXpedition is still on schedule and is due to open this

Friday, June 29th, at 0000Z. Plans call for operation for a week, running until July 5th or 6th.

The announced frequencies for the operation are:

CW: 3510kc 7010kc 14010kc 21010kc 28010kc

SSB: 3795kc 7085kc 14195kc 21295kc 28595kc

All the operations will be split-frequency and they will give their listening areas. When the work-load necessitates, they will call by areas trying to get all the deserving a chance at a contact.

The operators on the trip will be:

K6GUY Mike KH6HIF Pete W6GQU Gene WB6OOL Pete W6KNC John 5W1AU Phil

Equipment will include:

Three FT101s TH3 jr Triband beam
Honda generators Assorted longwires, Delta loops, etc

Part of the time they will work on an attempt to work to the states via OSCAR 6. They will use a TR22, 10 watt transistor amplifier, a vertically polarized Yagi, looking for an ERP of 100 watts. They are expecting windows from 2.5 to 5 minutes daily, one in the morning and one in the evening. The up-link frequency will be 144.93mc and the down link 29478kc. Only c.w. will be used. Those who might be looking for late information on the OSCAR effort can call Chip Angle, WA6GUY in Torrance. (213) 324 9819.....no collect calls.

The callsign will be ZK1TA and QSLs will go to:

ZK1TA
Box 84099
Los Angeles, Calif. 90073

There is still the possibility of new country status. At the minimum it will count for Manihiki...at the best it will be a new one, this being on the basis that there is no common local administration for both Manihiki and Tongareva. However, do not get stalled on that point...work them first and worry later.

NAURU JA-Amateurs will be operating from Nauru from June 28th to July 12th and will work the bands from 160mtrs through ten. The frequencies will be:

CW: 1803kc 3502kc 7002kc plus some fifteen and ten at 40kcs from the edge. SSB: 3580/3695kc 7105kc 14195/14250kc 21290kc 28590kc On 160mtrs, they will transmit at 1803kc on the hour and half hour, tuning 1800-1950kc The operators will be JA1MCU...JA1OCA and JEMCKA. Calls proved to will be JA1MCU...JA1OCA and JEMCKA. Calls proved to will be JA1MCU...JA1OCA and JEMCKA.

week to emphasize the changing conditions on the sun. The spots shown on last weeks chart generally diminished and disappeared before reaching the left-hand limb of the sun. On the left chart there was but one remnant of last weeks spots and this enewas fading and was gone by June 20th as shown on the right hand chart. All had burned themselves out before traversing across the face of the sun.

1606Z 19 Jul 73 20 Jun 20 Jun

Three new spots appeared on June 19th a gave promise of adding song activity and helping band conditions. The spot at the top on the right-hand chart is approximately 17000 miles in diameter, the smaller one below it is about 8000 miles in diameter and the lower one about 14000 miles. The entire group is about 85 000 miles across and showing signs of developing. Band conditions towards the end of last week were rather good as these spots were developing.

SHORTLY NOTED The DX business looks good this week with some showing on schedule and more activity due within the next few weeks.

Wayne, W9IGW, passed through Hongkong last week and was on from Brunei last Saturday morning at 14025kc. This will be a c.w. only effort. Wayne signing VS5WW.... On the Aaland Island efforts of WØGYH a .. WØAME, we were running attop speed and got the call of WØGYH out of sequence last veek...this week we have it right so we will not tell you what we transposed last week. QSLs for this one will go to WØGYH. The May-June issue of the National Contest Journal surfaced this week....WØIYP still turning out the publication aimed at the contesters and improving with every issue. Tod reports that he has so many subscribers that he leaves the price out of the publication ...or makes it very hard to find. \$1.00 to WØIYP will be acknowledged with the NGJ.

The NCJ reports that VR4s will have a contest sometime in the coming weeks and every VK4 operator will get on the air. This will include VR4AA, BC, BS, CM and RB. Both c.w. and SSB. You might listen for this one.

VR6AS was on twenty c.w. last week...gave his name as 'Fletch' and said to QSL to Box 144. London. Signal was coming into the western reaches on a heading of 60° and was hardly readable on the right beam heading to Pitcairn of 185°. Pitcairn Slim it would seem.

Many have speculated that the French reluctance to allow anyone on Clipperton for an FO8C-Clipperton effort may be tied to their conducting above-surface atomic tests in the South Pacific. The World Court last week asked France to discontinue the tests and Australia and New Zealand are violently protesting.

The number of bootleggers operating in Viet Nam may cause complications in the future. Some saying that the problem was aggraved when the station trustee went on home leave to the states and the one left in charge didn't let a number of amateurs use the station. At least 15 phoney XV5 stations have been logged and everyone except for XV5AC a true-blue Slim. One who has been listening reports that one station isigning a European call was 40 over in Saigon with key clicks taking out most of the band. Even gave a European country capital as his QTH. Next day the same signal signing an XV5-prefix. With only XV5AC good for DXCC purposes, it would seem to be an exercise in futility to work the others and their continued activity might result in the return of restrictions.

The ARRL Board of Directors will be meeting in July. This is the time to advise your Director what you feelings are. For sure you will find that the relations with the FCC. CQ Magazine in their June issue r views the problem at length (8 pages) and it might be informative to get the issue at see what their thinking is. You might also take the time to review the QSTs for the last half year and especially the March 73 issue. The only puzzling thing about the CQ editorial is that the writer gives his views and then hides in conymity. Read it but until you learn who wrote it, working up any steam in support this article might be well to cautiously considered.

## REPORTS FROM RED EYED LOUIE

There's a hope for every woe. And a balm for every pain,
But the first joys of DX come never back again.

AFRICA.	. CW	ASIAC	W .		
CR5AJ	14032/2120/Jun 17e	· HM4GF	1404 /1500/Jun 17	7w UKØIAC	14014/0550/Jun 20w
	14040/0450/Jun 14w	HS3AEH	14035/1500/Jun 18		14019/1640/Jun 16w
CR7IZ					14040/1400/Often
SU1IM	14030/0315/Jun 14e	JF1CFJ	14012/1555/Jun 15	A.	
ZS6ME	14031/1135/Jun 16e	JT1AO	14016/1530/Jun 14	4w 9M2KA	14043/1530/Jun 15w
3B6CF	14041/0300/Jun 14e	KA8NE	14044/0410/Jun 15	5w 9M2LN	14041/1440/Jun 20w
JECOI	110117 03007 0 1111 110	UH8DX	14037/0200/Jun 23		14050/1545/Jun 19w
				T.	1 10 00 1 1 1 1 0 0000 1 1 1 1
		UM8MAD	1402 1/1555/Jun 15	DW DW	
TOTOTOTO	CILI				
EUROPE.		TTA A determina	11070/1500/7	0 1144047	11:01-11 /01:05 /T 15-
DT3CYO	14040/0455/Jun 20w	HA1ØØKKK			14044/0405/Jun 15w
EI2S	14009/2215/Jun 13e	HA5JI	14020/0620/Jun 16	6w UP2BF	14044/0430/Jun 15w
EA6BH	14051/0000/Jun 16e	ON4PV	14060/0550/Jun 16	6w UY5PR	14044/0340/Jun 15w
GW5YB	14040/2025/Jun 12w	OH5XO.	14020/0610/Jun 16		14044/0440/Jun 15w
					14091/0510/Jun 14w
HA4XT	14044/0435/Jun 15w	SM6DUA	14020/0630/Jun 16	6w LX9DO	14091/0510/0 an 14w
TOT CITALITY	RESCW				
-		HOEDII	41.000 /41.00 /TH	TEST (TA	11.055/4715/5 45
A35FX	14040/0625/Jun 19w	KZ5BH .	14057/1400/Jun 13		14055/1345/Jun 17m
CP1JV	14032/0050/Jun 16w	PJ7VL	14032/0140/Jun 18	8w XQ3AL	14018/1600/Jun 16w
FG7XC	14090/2200/Jun 15e	PJ9BN	14015/0305/Jun 18	8w YN1AA	14052/1125/Jun 19e
HKØBYU	14044/1415/Jun 19w	TG9 YN	14028/0600/Jun 2		14027/1455/Jun 19w
KC6SK	14025/1600/Jun 1.5w	VP5DD	14210/0435/Jun 18		14040/1445/Jun 17e
KG6ALY	14045/1110/Jun 14e	VR4AA	14050/0550/Jun 17	7w ZM1ADD	14005/0625/Jun 17e
KG6JAR	14013/0550/Jun 16w	WS3SKY	14047/0520/Jun 20	Ow ZK1MA	14074/0600/Jun 15w
KASBU	14038/1210/Jun 12e	WB6/KG6	14044/1115/Jun 15		
mycho	11000/1210/0 all 12e	WDO/ IIGO	110+1/11/0 all 1/2		
AFRICA.	- SSB				
AZCCY	14223/0535/Jun 19w	CT3AF	14206/0125/Jun 16	Se 3B8CZ	14320/1240/Jun 19e#
CN8BO	14212/2205/Jun 13e	EA8CR	14202/0340/Jun 17	7w 5T5ES	14230/0210/Jun 16m
CR5SP	14265/0600/Often	EA8CX	14203/0345/Jun 17		14333/1900/Jun 11m
CR6HU	14202/2310/Jun 11e	EA8IT	14213/0020/Jun 16		4187/1815/Jun 13e
CR6RI	14205/0000/Jun 12e	TU2DO	21304/1905/Jun 15		4222/0425/Jun 17e
CR6OR	21307/1920/Jun 15e	VQ9R	14323/1235/Jun 19	e# 9G1FF	14265/0630/Jun 12w
CR6LG	21300/1930/Jun 15e	ZD8RR	21321/2005/Jun 15	e 9X5VA	21309/1815/Jun 13e
CR6TO	14309/1935/Jun 18w	ZD9GC	1423 /1450/Jun 18		14207/2250/Jun 18e
CR7GJ	14203/1250/Jun 15w	3B8CG	14203/0445/Jun 17	e ET3USC	14221/0420/Jun 20e
ASIA	-SSB				
A51PN	14320/1205/Jun 14w	MDLDTD	11,007/0470/70-40	larit a	11.0(1./0405/50.40
		MP4BJR	14203/0130/Jun 17		14264/2125/Jun 12e
A6XF	14216/0335/Jun 15e	UAØFGM	14213/0555/Jun 14		14209/0315/Jun 15e
HTOKK .	14248/1250/Jun 18m	VU2KV	1421 / 1500/Jun 16	w 9M2FH	14199/1545/Jun 16w
HLOVF	14216/1415/Jun 14w	VS6FB	14230/1355/Jun 18		14228/1505/Jun 18w
HLOUO	14227/1750/Jun 16w	XW8E0	14320/1245/Jun 19		14209/1515/Jun 18w
HS^BD	14256/1450/Jun 16w	XW8GA			
			14320/1250/Jun 19		14210/1630/Jun 17w
HA? AGQ	14228/1405/Jun 14w	YA1AH	14217/0130/Jun 16		14210/1625/Jun 17w
JY6FC	14217/0320/Jun 17e	YB9ABH/1	14265/1435/Jun 14	₩ 9N1MM	14230/0030/Jun 13e
J-Y6GR	14203/2250/Jun 14e	4W1BC	.14223/0425/Jun 20		14195/1540/J <sub>u</sub> n 16w
				V 4.4.4.	1.1757 15.57 ULII 15W
EUROPE.					
DT2CEK .	14183/1800/Jun 13e	ISØKLO	14202/2210/Jun 136	e UA5LK	14235/0445/Jun 16e
EA6BJ	21309/1915/Jun 14e	LX2CQ	14221/0540/Jun 176		14333/2250/Jun 15m
EA3JE	14208/0000/Jun 17w	ON8FC			
			14208/0345/Jun 17		14209/0435/Jun 17e
EA6BN	14265/0620/Jun 12w	OZ5KF	14218/0300/Jun 171		14230/0350/Jun 16w
EI30QR	14206/2235/Jun 15w	OH2BH	14236/0445/Jun 166	е	
GI3IVJ	14204/1935/Jun 15w	SV1CB	14270/0025/Jun 16		
	14222/2310/Jun 16w	UA1BX	1422-/1350/Jun 16r		
نده ترسد	TILLE TO TO TO THE TOW	OHIDA	1722 7 1990/0 UII 101	ш	

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ELSEWHERES...SSB
                                                                     14194/0345/Jun 15m
                                       14214/0420/Jun 16w
                                                            XG1J
                               OX3EA
        14321/1240/Jun 19e#
CR8AG
                                                                     14220/1530/Jun 16w
                                                             YBØAB
                                       14247/1330/Jun 19w
                              VK9DV
        28550/2145/Jun 13m
CX2AAJ
                                                                     14227/1450/Jun 20w
                                                             YB5AAQ
                                       14204/1600/Jun 16w
        14243/1100/Jun 19w
                               VK9DH
C21NI
                                                                     14244/1250/Jun 16w
                                       14245/1135/Jun 18e
                                                             YJ8RD
                               VK9KA
        14209/1220/Jun 14w
DUZEL
                                       14212/1435/Jun 17w
                                                                     14205/0340/Jun 14e
                                                             YJ8DS
                               VK9XX
DU1JMG
        14214/0650/Jun 17w
                                                             ZK1CD
                                                                     14252/0430/Jun 15e
                                       14293/1325/Jun 20w
        14243/1435/Jun 18w
                               VK9XI
DU1CM
                                                                     14240/0530/Jun 17e
                                                             ZK2BC
                                       14320/1205/Jun 14w
                               VK9XW
        14252/0530/Jun 16e
FO8DO
                                                                     14203/0545/Jun 12w
                                       14226/1320/Jun 14e
                                                             ZK2BD
        14225/0305/Jun 16w
                               VK9FH
FM7WN
                                                                     14203/0350/Jun 18w
                                       14305/1420/Jun 15w
                                                             ZF1WP
                               VK9GN
        14222/1325/Jun 19w
HR1RSP
                                                             3D2ER
                                                                     14210/0610/Jun 12w
                                       14215/0645/Jun 17w
                               VK9GR
        14203/2345/Jun 12w
HP1PF
                                                                     14265/0615/Jun 12w
                                       14198/2310/Jun 11e
                                                             3D2AZ
        21354/2020/Jun 15e
                              VP2LAW
HC2YL
                                                                     14252/0434/Jun 15e
                               VP2LGH
                                       14219/2145/Jun 12e
                                                             5W1AU
        14207/0415/Jun 16w
HC8GI
                                                                     14227/0650/Jun 18e
                                       14204/1300/Jun 14e
                                                             5W1AR
                               VP2DA
        14205/1250/Jun 19e
HKØBKX
                                                                     14205/0400/Jun 14e
                                       14230/0325/Jun 16e
                                                             4M7AS
        14211/1225/Jun 16e
                               VP2LG
KC6SK
                                                                     14204/1855/Jun 15w
                                                             6Y5ED
                                       14221/0410/Jun 20e
        14291/1110/Jun 19w
                               VP2VBG
KG6AOY
                                                                     14265/0605/Jun 15w
                                                             6YEAH
                                       14210/0435/Jun 18m
        14283/1110/Jun 17e
                               VP5DD
KC6SF
                                                                     14225/2125/Jun 12e
                               WB4/VP7 21360/2100/Jun 17w
                                                             8R1CB
        14301/0600/Jun 20w
KJ6BZ
                                                             9M8SDA
                                                                     14247/1405/Jun 18w
                                       14212/0000/Jun 13e
                               VP7NO
        14278/1120/Jun 18e
KS6EM
                                                                     14320/1200/Often
                                       21300/1815/Jun 16w
                                                             9M8RY
                               VP8KF
KS6DY
        14243/1105/Jun 19w
                                                                     14320/1200/Often
                                                             9M8TT
        14345/0440/Jun 18m
                               VP8FL
                                       14217/0005/Jun 14e
KX6DC
                                                                     14200/0000/Jun 18w
                                                             9Y4VT
                               VR1AC
                                       14220/0915/Jun 15w
        14245/1115/Jun 18e
KX6JQ
                                                                     14226/0220/Jun 17w
                                       14215/0645/Jun 17w
                                                            9Y4HF
K5/Kure 14208/0550/Jun 16e
                               VR4CM
        28620/2240/Jun 13w
                               VR6TC
                                       14241/0640/Jun 20e
LU3DTV
                                       14227/1540/Jun 17w
        14221/1340/Jun 16w
                               VS5LH
OX5AY
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(e = eastern states m = middle states w = western reaches # = long path (hs = thailand all times in gmt ??? = Son of a Gun!! Slim lives!!

7

## FORTY/EIGHTY DESK

CM2AF EA9GN FG7TG G6CJ HI8LPN HM3PR HKØBKX HR1RF	7002/1110/Jun 7004/0440/Jun 7011/1120/Jun 7001/0500/Jun 7001/0210/Jun 7010/1550/Jun 7009/1040/Jun 7193/0240/Jun	17w 13e 20w 19w 17w 18e	HK5BIR KX6BU KC6SK LU3AU LU7TD OA4AMD OA6NCT VA8AX	7010/0440/Jun 18w 7014/1100/Jun 14e 7015/1100/Jun 17e 7003/0520/Jun 18w 7177/0325/Jun 17w 7163/0430/Jun 19w 7014/0500/Jun 20w 7004/0430/Jun 18w	VK8HA VK2HK UAØFBF YV1AD ZL1VD ZP5AL 8P6AG 8P6DR	7004/1520/Jun 17w 7033/1130/Jun 14e 7005/1400/Jun 20w 7032/1055/Jun 14e 7032/1055/Jun 14e 7006/0220/Jun 19w 7007/1110/Jun 12e 7003/0550/Jun 15w
A2CJP CT2AK HC2TV HKØBKX KC6SK	3780/0450/Jun 3780/0450/Jun 3779/0620/Jun 3795/1050/Jun 3795/1050/Jun	14e 20w 18w	KC4USP KH6AQ ZS1MH ZS2MI ZS6TE	3790/0520/Jun 15e 3788/0520/Jun 14w 3779/0530/Jun 14w 3780/0430/0ften 3779/0530/Jun 14w	ZD9GC ZL2BT ZK2BD	3778/0450/Jun 20w 3788/0525/Jun 14w 3778/0600/Jun 20w

Band conditions on 75mtrs have been unusual during the last week. On June 22nd KL7HIY worked ZS2MI and ZS6DW.....3778kc at 0430Z. Figure out this distance and it should run around 10 000 miles or so. Signals were strong. W6TSQ in the Western Reaches reports that recently South Africa has been coming through as early as 0300Z on 75 meters.

K5LTH/Kure was around 3804kc around 0800Z last week and several reported working ZD9GC at 3778kc after 0500Z on June 20th.

WØGYH who will operate from OHØ=Aaland Islands from July 9th to 13th will be trying 75mtrs....look for Ed from 0400Z to 0600Z.

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## CALENDAR

TONGAREVA
BRUNEI
AALAND ISLANDS
MARKET REEF
NAURU
KURE
MAURITANIA

VENEZULAN TEST

CORSICA OGASAWARA

SEANET

ZK1TA to open June 29th for a week...all bands/multi-op. VS5WW should be on right now....by W9IGW...c.w. only.

OH2BH and OH2SB from June 24th...to June 28th..signing OHØAM

OJØAM from June 28th to July 3rd by OH2SB/OH2BH

JA-All Band effort including 160mtrs...from June 28th.

K5LTH/Kure on most evenings...contest style.

5T5EEI until July 5th

YV-Air Force CW operation....53rd Anniversary July 28/29th

Venezulan Contest....July 7/8th

FCØWV (or FØWV) until July 3rd by Belgian Air Force group.

450 JA Amateurs will put JD1-Ogasawara stations each 10kc across

the bands.....Prepare!!!

14320kc/1200Z....Many rare Asians found here.

MORE NOTES Cards for the U5Ø efforts of last year still are popping up as well as those for the VQ9=Des Roches effort. On this one if you have not scored it might be time to try another as some have had the cards for several months. KA2DF still thinking of CR9=Macao but with a bit more advance preparation. Presently he is reported as querying CR9AK on the possibility of operating the station and if anything develops, he may aim for an August effort. The Trinidade effort had transportation troubles....this accounting for the late opening and quick shut-down. KX6LA is now being signed by Doug who was operating KX6BU quite a bit of the time. QSLs for KX6LA go to Box 196, APO San Francisco 96555. Don Wallace, WGAM was in Greece recently and was operating SVØWTT on June 21st The 5T5EEI has been working into the states and will be on until July 5th. The station says it has temporary phone-patch privileges and has been running patches into Tennessee. Rather we should say it is temporary 'third-party traffic! and this usually includes phone patches.... Look for VS5LH Sundays around 1500Z/14225kc. ZS5PG, Jack and his XYL, have been visiting in California for the last week. This Saturday, June 30th, Jack will be at Henry's Radio in Anaheim from 11:00 a.m. and would like to eye-ball any So. Calif DXers who might drop in. VK80M is Owen Marshall who used to sign VR2DK. He is newly located in VK8-land and about 150 miles from Darwin. YB9ABH/1 is an offshore drilling rig trying to find something or other down in that area. We hate to admit it but the film of the 'Brandy' uprising at the Fresno DX meeting was lost when we dropped the cartridge and the whole assembly came apart spilling the film out into the sunlight. However, WORLD RADIO does have some shots of the memorable occasion .... 2509 Donner Way, Sacramento, Ga. 95848. A6XF is on regularly Fridays from 0100Z at 14220kc looking for the clusive W7s/W6s. QSIs have been received recently from 4S7YL/8Q6 . The OH/Aaaland and Market Reef effort now says to QSL to OH2NB....C 2SB apparently has changed QTHs and it might be confusing

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Solid Aluminum Mast - 1 7/8"x12" (50 lbs) \$24.00 CETRON 572/160TL \$13.95 MALLORY 2.5a/1000piv epoxy diodes 29¢ each

 GUEFNSEY A number of French amateurs along with a German amateur and a SWL will be on Sark, near Guernsey from July 11th to 28th operating all bands from 80 thru 2 mtrs. Those on the trip will include F6BLQ, F6BLU, F6CMS and DK5XW.

The group have applied for GC5-call signs but as of mid-June possible callsigns were not known.

Frequencies to be used will be:

3780kc 7080kc 14230kc 21250kc 28600kc 144mc

Equipment will include...FT250...FTDX505 Sommerkamp....HW32 Heath. The antennas will be an inverted 'V' on 75mtrs...a ground plane on forty....a cubical quad for 20/15/10mtrs and a 9 element Yagi on 2 meters

KJ7BSA/KJ3BSA KJ7BSA will be signed at the Boy Scout Jamboree, July 28th-Aug 9th from Farragut State Park in Idaho and KJ3BSA from July 30-Aug 11th from Moraine State Park in Pennsylvania. QSLs will be handled by the ARRL with sase requested.

TNX to W1AM, K2BT, W2OVC, K3TUP, W4EH, W4GTS, W4HU, K4IRQ, W4TUC, W5AK, WA5EMH, W5IZZ, WA5WEY, WA5ZUH, K6AQV, K6GUY, WA6FYC, W6HRE, W6ID, WA6JVD, W6KYA, K6LAE, W6MI, WB6RIU, W6TSQ, W6TTS, K6UFT, WB6UOM, W6VBI, K6WR, K6ZDL, WB6ZUC, W7FSE, WA7KEF, W7NCO, W7YTN, W8ZOK, W9DDL, W9ZTD, K9WEH, WØGYH, WØIYP, HS4AGN, JE1CKA, VS6AW, Dave/K1, K7CBZ/XV5.

WEST COAST DX BULLETIN Published every week by the Marin County DX Group. One of the local QRPers came by last week and we talked of a number of things. "You know", the QRPer said. "I know a fellow who is spending \$15 000.00 building onto his home". This was a bit of earth-shaking news and after pondering it a bit, we asked: "Why, is his family growing?". The QRPer shook his head. "No", he said. "This fellow has a mortgage already that has an insurance policy built-in which will pay off the mortgage should anything happen to him. So he wants a bigger mortgage so they will have to pay off more should something happen". We thought this over for a bit, the implications rather stunning to us. "How does he feel about all of this?", we asked and the QRPer beamed. "Why the fellow is absolutely ecstatic. He is convinced that he has a shrewd deal. But I haven't yet figured how he will get to enjoy all of that money". We thought this over for a bit. Son of a Gun, neither could we. But let's face it...anticipation is often the biggest joy. \$9.00 will bring you a full year of anticipatory DXing....\$10.50 brings it airmail....enjoy it while you can!!!!

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