

The TSRAC ARNB

The TSRAC Amateur Radio News Bulletin

Volume 37 Issue 04

Issued Bi-Monthly - Never Missed an Issue

401st Edition

0001	K8AN	Ralph A. McDonough
0019	N6EI	William B. McDonough
0064	K8DOL	Earl Norcross
0065	WB8AQF	Don E. Logston
0067	WD8DDE	Ed Crow
0155	WD8JIK	L. D. Wallace
0221	WD8MUB	Phil Knierim
0246	W8FL	G. Wayne Yoho
0251	WD8JIA	William E. Maxwell
0264	WB8WHK	William Atkinson
0287	WD8DBX	Steve English
0291	N8AMY	Forrest W. Felton, Sr.
0292	W8VIF	Robert O. Hess
0322	WD8PPR	Harry H. Trumpie
0426	N4TQC	William H. Homan
0439	AA8OB	Richard Sampson
0589	KC8CS	Eugene F. Magers
0637	WB2CUQ	Art Southard
0653	N8CGE	Stan Burech
1117	WS6W	Dave Bailey
1131	WE8D	Cecil Crider
1753	N8HQP	Clyde E. Carpenter
1940	WD8PQG	Charles Matthews
2086	KB8DNL	Ken A. Dawkins
2388	N8MGW	Ed Bell
2878	N8COA	Herb Kimball
3094	KF8SR	Larry R. Truex
3161	WA4BHA	Louis F. Gross
3224	N8SAQ	Douglas Lee Douglas
3236	WB8BRZ	Lyle G. Farmer
3285	N8RSM	William G. Wagner
3606	WZ8C	Nancy Kott
3618	KB8TFS	Richard Steele
3637	KB8VPJ	Denzil H. Prince, Jr.
3652	AB8AB	James Ali
3666	KB8VYR	Gerald Williams
3675	W8NTP	Norman Pastorius
3789	KC8FQS	Emil J. Slavik
3907	KB9NPH	Larry G. Mays
3918	K9GPS	Lee Kissell
3986	W8JFB	James F. Bishop
3997	K3RC	Bob Johnson
4026	KC8UGS	William E. Goff
4064	KC8TEO	Lloyd C. Wilson

**THANK YOU FOR
HELPING TSRAC
SAVE ON PRINTING
AND POSTAGE!
OUR GOAL IS TO GET
MORE MEMBERS
RECEIVING
THE ARNB VIA E-MAIL!**

FCC/ARRL NEWS

FCC PERMITS UNLICENSED EQUIPMENT As something rare, the FCC is permitting unlicensed equipment on the bands that are used by other services such as Amateur Radio. This refers to BPL (broadband over power lines). Normally the FCC seems as strict about such things as they are on illegal operations. But this is a strange case for the books. In so doing ARRL says they are fundamentally altering the right of radio spectrum licensees, including Amateur Radio operations. This is the first time the FCC has permitted new unlicensed devices to operate in spectrum already assigned by licensees such as Amateurs even as has been proven these unlicensed operations are causing harmful interference. This has upset the operations, the years of FCC and also Amateur Radio operations.

FCC cites distributor for marketing unauthorized RF device. The FCC has sent an official Citation to Tower Products INC of Saugerties, NY for marketing an unauthorized RF device capable of operating on 70 cm Amateur Radio frequencies. The FCC contends that the product in question, the "Laird Telemedia model LTM-wave-AG Wireless Monitoring System requires FCC certification. As an "intentional emitter", the device cannot be operated legally under Part 15 rules. The device is not a Part 97 transmitter, which would not require FCC certification.

ARRL Senior News Editor Rick Lindquist, N1RL, has been inducted into the 2007 CQ Amateur Radio Hall of Fame CQ magazine which sponsors the honor, cited Lindquist for keeping the Amateur community updated on new developments via The ARRL Letter, ARRL Audio News and the ARRL Web news pages. He retired June 1.

An Amateur Radio antenna bill has made it through the Oklahoma legislature and now awaits the signature of Gov Brad Henry. Securing passage of the essence of the limited federal preemption known as PRB-2 was no mean feat, however proponents of the legislation had to switch to Plan B after failing to make the House calendar .

ARRL and METLife team up for new membership benefits! This connections was completed in time for the recent Dayton Hamvention. The package can include automobile, home insurance as well as banking products. It will make available insurance for renters, boats, condos, recreational vehicles and fire insurance - quite a collection, this editor comments!

EDITORIAL ASIDE: IF any member would like to write an editorial under his name; we would love hearing some of your Amateur Radio incidents! We will be most glad to feature something good you send in. As an example, one of our members worked Wayne Green the other day. I sure am looking for interesting Amateur Radio incidents you have experienced. **SEND THEM IN, PLEASE!!!!**

The Trading Post

Free Ads to Members only. One of the many

Benefits of being a member of TSRAC

NOTICE: TSRAC CAN SAVE YOU MONEY ON YOUR MAGAZINE SUBSCRIPTIONS!! Send the name of the magazine(s) that will soon EXPIRE and we will send you a PRICE you can't match or beat! TEST US OUT and we will PROVE it. (Ye Editor is Scotch and I can PROVE it!)

TSRAC is in the market for a low priced CW RIG! TSRAC wants to start a SLOW speed CW net PLUS a HIGH speed CW net. Take our word for it, CW will NEVER end or cease as long as there is such a thing as Amateur Radio. We all, in the present, got our start in CW and by such practice sessions, we will end the same way. If it becomes possible, CW signals will come from Heaven in our dreams of those still copying on Earth!

THIS IS A SERVICE OF THE CLUB – FREE ADS – TAKE ADVANTAGE!

A LOOK AT PAST HISTORY – AN EXCERPT OF THE NEWS MAY 2, 1993!

On Sunday, May 2, 1993, TSRAC held a WX Seminar at the Martins Ferry Public Library Auditorium. This seminar was conducted by Bob Altoe, Chief Meteorologist of the Akron-Canton NWS. At that time, he confirmed the following enclosed training program to be used in the order, enclosed, and for the state reasons. This makes it easy for Net Control to list as the reports are received, in order, but MOST important, when they are taken and summarized. This makes it so much easier for that station carrying the information to the NWS to receive it in the CORRECT order.

NET CONTROL ROSTER

JUNE – AUGUST 2007

WX NET 146.91 WB8AQF (NM) TUESDAY NIGHT 8:15 P.M.	20 METER CHAT NET 14.347 WA3ZAO (NM) SUNDAY 5:00 P.M.	40 METER CHAT NET 7.230+ KB9NPH (NM) SUNDAY 6:00 P.M.
JUN 12 – KA8YFA	JUN 17 – KF8SR	JUN 17 – K8AN
JUN 19 – WB8AQF	JUN 24 – WA3ZAO	JUN 24 – VOL
JUN 26 – K8AN	JUL 1 – KD8ADT	JUL 1 – VOL
JUL 3 – WD8DDE	JUL 8 – K8AN	JUL 8 – VOL
JUL 10 – KA8YFA	JUL 15 – KF8SR	JUL 15 – VOL
JUL 17 – WB8AQF	JUL 22 – WA3ZAO	JUL 22 – VOL
JUL 24 – K8AN	JUL 29 – K8AN	JUL 29 –VOL
JUL 31 – WD8DDE	AUG 05 – K8AN	AUG 05 – VOL
AUG 07 – KA8YFA	AUG 12 – KF8SR	AUG 12 – VOL
AUG 14 – WB8AQF	AUG 19 – WA3ZAO	AUG 19 – VOL
AUG 21 – K8AN	AUG 26 – WB8AQF	AUG 26 - VOL

***WE NEED VOLUNTEERS FOR "ALL" NETS – BUT ESPECIALLY THE 40 METER CHAT NET
PLEASE HELP US OUT! THANK YOU.***

WEDNESDAY NIGHT NETS

8:15	A.R. NEWS NET	146.91	K8AN
8:30	10 METER FONE	28.480	KA8TSR
9:00	6 METER FONE	50.150	KA8TSR

RENEWING YOUR LICENSE VIA THE INTERNET

- 1 You **MUST** have an **FRN** (FCC Registration Number) and **PASSWORD**
- 2 You **MUST NOT** try to renew prior to 90 days before your license expires
- 3 Go to website <http://wireless.fcc.gov/uls/index.html>
- 4 You will see 5 options. If you don't have an FRN and password, choose the first option - **REGISTER**. You must be registered in order to renew.
- 5 If you have an FRN and password, choose **ONLINE FILING**
- 6 You will be prompted to enter your FRN and password.
- 7 It only takes a few minutes to renew your license at this point. Please print Out your FCC 605 Main Form after you have completely filled-out this Form. On the right side of your application, you will see an "Approved By OMB", submitted date and time and a File number. Retain this 605 Form until your license arrives in the mail.

A SPECIAL "THANK YOU"

TO RICHARD McGEE, KA8CDF – MEMBER #373

FOR HIS GENEROUS SUPPORT OF TSRAC

DICK ALWAYS COMES THOUGH AND HIS HELP IS
GREATLY APPRECIATED!

JOKES!

The other day, I needed to go to the emergency room.

Not wanting to sit there for 4 hours, I put on my old Army fatigues and stuck a patch that I had downloaded off the internet onto the front of my shirt.

When I went into the E.R., I noticed that 3/4 of the people got up and left. I guess they decided that they weren't that sick after all.

Here's the patch. Feel free to use it the next time you're in need of quicker emergency service.



It also works well if you ever have to use a Laundromat .

IDIOT REPAIRMAN SIGHTING:

When my husband and I arrived at an automobile dealership to pick up our car, we were told the keys had been locked in it. We went to the service department and found a mechanic working feverishly to unlock the drivers side door. As I watched from the passenger side, I instinctively tried the door handle and discovered that it was unlocked. "Hey," I announced to the technician, "its open!" His reply, "I know. I already got that side." This was at the Ford dealership in Canton, Mississippi!

IDIOT REPAIRMAN SIGHTING:

We had to have the garage door repaired. The Sears repairman told us that one of our problems was that we did not have a "large" enough motor on the opener. I thought for a minute, and said that we had the largest one Sears made at that time a 1/2 horsepower. He shook his head and said, "Lady, you need a 1/4 horsepower." I responded that 1/2 was larger than 1/4. He said, "NO, it's not." Four is larger than two." We haven't used Sears repair since.

IDIOT SIGHTING:

I live in a semi rural area. We recently had a new neighbor call the local township administrator office to request the removal of the DEER CROSSING sign on our road. The reason: "Too many deer are being hit by cars out here! I don't think this is a good place for them to be crossing anymore." From Kingman, KS.

IDIOTS IN FOOD SERVICE:

My daughter went to a local Taco Bell and ordered a taco. She asked the person behind the counter for "minimal lettuce." He said he was sorry, but they only had iceberg lettuce. He was a Chef? Yep... From Kansas City!

IDIOT TSA SIGHTING:

I was at the airport, checking in at the gate when an airport employee asked, "Has anyone put anything in your baggage without your knowledge?" To which I replied, "If it was without my knowledge, how would I know?" He smiled knowingly and nodded, "That's why we ask." Happened in Birmingham, Ala.

Universal Radio - Quality equipment since 1942.

ICOM IC-7000



The Icom IC-7000 represents the next generation in all-mode HF/VHF/UHF mobiles. DSP at the IF level is the cornerstone of this impressive new multi-bander. Enjoy 41 bandwidths with sharp or soft filter shape. And variable twin PBT allows you to either narrow the IF passband, or shift the entire passband to eliminate QRM. This radio is also downright gorgeous. The 2.5 inch (diagonal) color TFT presents numbers and indicators in bright, concentrated colors. The display also supports a two-mode band scope. Eight of the most-used radio functions are controlled by dedicated function keys grouped around the display for easy visibility. One quick touch turns the function on and off. A longer touch activates adjustment of the function's setting. Other features include: memory keyer, detachable control head (with optional OPC-1443/1444 separation cable), 503 memories, S/PWR/SWR meter, RIT, Preamp, Attenuator, adjustable SSB bandwidth, DTMF memory, NTSC output, VOX, full break-in and adjustable CW pitch.

Order #0700

Please call for our special IC7000 price!

✓FREE RMK-7000 remote kit

- ◆ MB-62 Radio Mounting Bracket
 - ◆ MB-105 Control Head Mounting Bracket
 - ◆ OPC-1443 Extension Cable for Control Head
- Valid to 06/30/07 with your IC-7000 purchase.

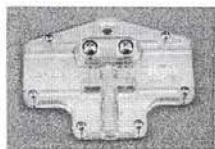
ARRL REPEATER DIRECTORY

This famous 3 1/4" by 5 1/4" pocket sized guide has 19,828 listings for repeaters operating from 10 meters to over 1.2 GHz. Pocket sized. 588 pages 2006-2007 35th Edition printed April 2006.

Order #0801 \$10.95
Close-Out Price ... \$5.98



TEN-TEC 3003 Acro-Bat



The UV resistant Ten-Tec Acro-Bat can be used to suspend either a ladder line-fed or small gauge RG-58 or RG8X coax-fed wire antennas.

3003 Order #3720 \$9.95

ICOM IC-2820H NEW!



- Dual Display
- Weather Alert
- 522 Memories
- Wide Receive
- 3 RF Levels
- DTMF Mic.
- Band Scope
- Cross-band Repeat
- V/V, U/U Receive
- Optional D-Star/GPS
- Diversity Reception
- 9600 Packet Port
- PC Programmable
- Encode/Decode

The Icom IC-2820H 2M/440 dual bander has separate front panel, wideband receive, CTCSS decode/encode, selectable amber/green display, PC compatibility and 522 memories. Power output is 50/15/5 watts on both bands. The 2820H supports cross-band repeat and is 9600 BPS packet ready. The 2820H also includes a built-in duplexer, full function backlit remote DTMF HM-133 hand mic, mounting bracket, power cable and spare fuses. D-Star DV Digital Voice / GPS functions are available with the optional UT-123.

List \$768.00 Order #2820 \$649.95



- Encode/Decode
- 9600 Ready
- 500 Memories
- Duplexer
- Weather Alert
- DTMF Mems
- FM Narrow Capable
- Three Output Levels
- Detachable Head
- RF Attenuator
- 1750 Hz Tone Burst
- Full Function Mic

The ICOM IC-208H 2M/440 dual bander features: detachable control panel, wideband receive, CTCSS decode/encode, PC compatibility and 500 alpha memory channels. Output is 55/15/5 watts on 2 meters and 50/15/5 watts on 440 MHz. The 208H also includes a built-in duplexer, packet port, OPC-600/R separation cable, HM-133 remote hand mic, mobile mounting bracket and spare fuses. Requires 13.8 VDC at 12 amps.

List \$396.00 Order #0208 \$254.95

[Price shown is after \$20 Icom instant coupon and \$20 Icom mail-in rebate]

ICOM IC-V8 Sport



- Rugged Construction
- Simple Operation
- Two RF Levels
- Backlit LCD
- DTMF Keypad
- Battery Saver
- Encode/Decode
- 100 Alpha Memories
- 5 DTMF Memories

The Icom V8-15 Sport features military grade construction, CTCSS/DTCS encode/decode with tone scan and 5.5/0.5 watts out. Enjoy 100 alphanumeric memories and 3 scan modes. Five DTMF memory channels with up to 24 DTMF codes allow remote operation. The optional UT-108 DTMF decoder unit provides code squelch operation and pager functions. Channel selection, volume, squelch and sub audible tones can be assigned to the Up/Down switches or rotary selector at your convenience. Attractive forest green polycarbonate front panel. Includes: BP-208N alkaline AA cell holder, belt clip and BNC flexible antenna. Rechargeable battery pack and charger are optional.

List \$120.00 Order #0089 \$99.95

YAESU VX-6R



- 6 Char. Alpha.
- 900 Memories
- EPCS
- CTCSS/DCS
- AM/FM Wideband Rx
- Weather Alert
- Backlit Keypad & LCD
- ARTS
- WIRES™
- 24 Hour Clock

The Yaesu VX-6R is a tri-band (2M, 220 & 440 MHz) HT with extensive receive 504 kHz - 998.99 MHz (cellular blocked). Like the VX-7R, it is submersible (JIS7) and extremely rugged. It puts out 5 Watts on 144 and 430 and 1.5 W on 220. With 900 6-digit alpha memories. It features the new "Emergency Automatic ID" (EAI) system, Enhanced Paging and Code Squelch (EPCS), "Wake-Up" battery saver system. Other features include: black magnesium case, 24 hour clock, 900 memories, severe weather alert, and multicolor transmit/receive LED. The Volume and Squelch knobs are oversized and there is an optional submersible speaker mic. Comes with: Antenna, FNB-80LI Li-Ion Battery, NC-72B Charger, Belt Clip and Strap. 2.3" x 3.5" x 1.1"

List \$315.95 Order #0666 \$249.95



Showroom Hours
Mon.-Fri. 10:00 - 5:30
Thursday 10:00 - 7:00
Saturday 10:00 - 3:00



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- ✓ With required purchase.
- ◆ Prices & specs. subject to change.
- ◆ Prices shown are after mfg's coupons.
- ◆ Returns subject to a 15% restock fee.
- ◆ Prices and promos valid to 06/30/07

ADN40706.905

AN IMPORTANT MESSAGE FROM WD8PPR

According to my records, we have 20 members out of the 44 members who have EXPIRED memberships. I've listed the membership numbers below. If you are unsure of your membership number, please refer to page one of this edition of the ARNB or e-mail me at wd8ppr@aol.com and I will advise you of your expiration. Please renew now so that you won't miss an issue. Please send a check payable to TSRAC and mail to:

**Harry H. Trumpie, WD8PPR
154 Bench St.
Bridgeport, OH 43912-1303**

EXPIRED MEMBERS:

**0064 0065 0155 0287 0291 1117 1131 1940 3094 3161 3224 3285 3618 3652
3675 3789 3918 3997 4026 4064**

IF YOUR MEMBERSHIP NUMBER IS LISTED, WON'T YOU PLEASE SEND A CHECK FOR \$10 TO RENEW FOR ANOTHER YEAR?

THANK YOU!

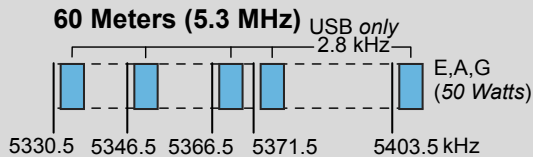
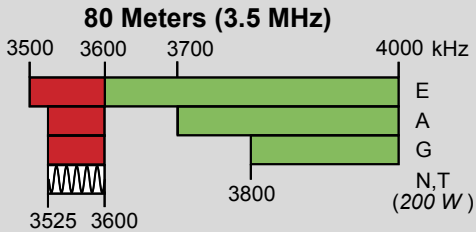
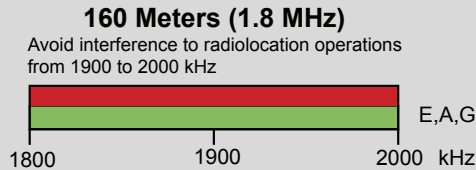
US Amateur Radio Bands

US AMATEUR POWER LIMITS

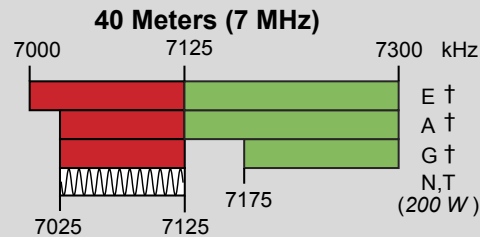
At all times, transmitter power should be kept down to that necessary to carry out the desired communications. Power is rated in watts PEP output. Except where noted, the maximum power output is **1500 Watts**.

Effective Date
February 23, 2007

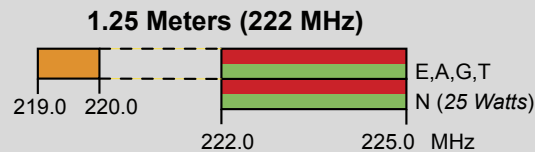
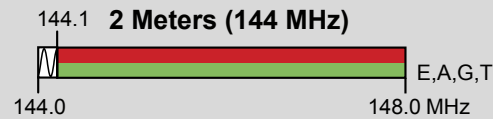
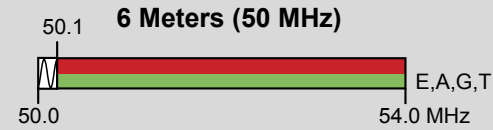
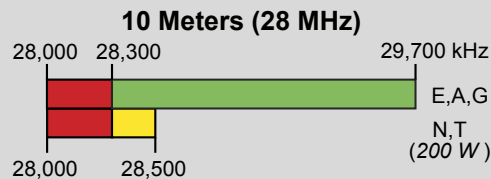
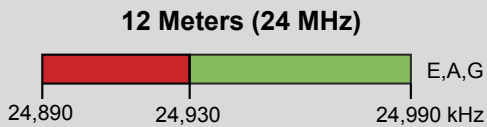
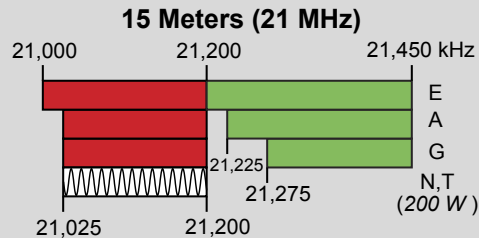
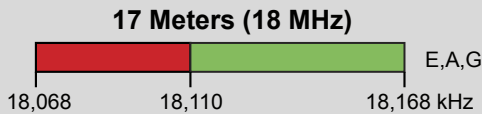
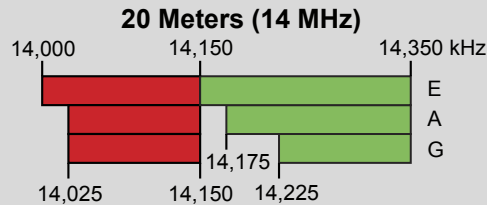
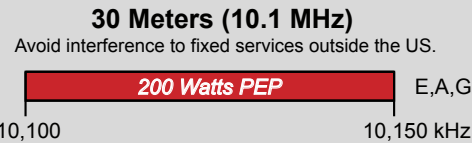
ARRL The national association for
AMATEUR RADIO



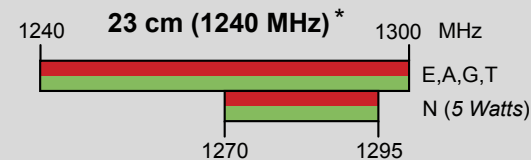
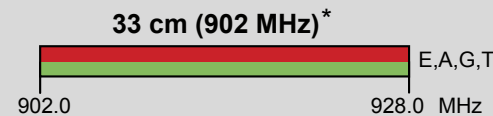
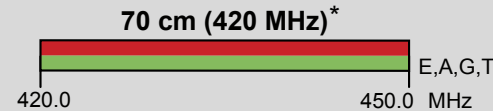
General, Advanced, and Amateur Extra licensees may use the following five channels on a secondary basis with a maximum effective radiated power of 50 W PEP relative to a half wave dipole. Only upper sideband suppressed carrier voice transmissions may be used. The frequencies are 5330.5, 5346.5, 5366.5, 5371.5 and 5403.5 kHz. The occupied bandwidth is limited to 2.8 kHz centered on 5332, 5348, 5368, 5373, and 5405 kHz respectively.



† Phone and Image modes are permitted between 7075 and 7100 kHz for FCC licensed stations in ITU Regions 1 and 3 and by FCC licensed stations in ITU Region 2 West of 130 degrees West longitude or South of 20 degrees North latitude. See Sections 97.305(c) and 97.307(f)(11). Novice and Technician licensees outside ITU Region 2 may use CW only between 7025 and 7075 kHz. See Section 97.301(e). These exemptions do not apply to stations in the continental US.



* Geographical and power restrictions may apply to all bands above 420 MHz. See *The ARRL Operating Manual* for information about your area.



All licensees except Novices are authorized all modes on the following frequencies:

2300-2310 MHz	10.0-10.5 GHz	122.25-123.0 GHz
2390-2450 MHz	24.0-24.25 GHz	134-141 GHz
3300-3500 MHz	47.0-47.2 GHz	241-250 GHz
5650-5925 MHz	76.0-81.0 GHz	All above 275 GHz

KEY

Note:

CW operation is permitted throughout all amateur bands except 60 meters. MCW is authorized above 50.1 MHz, except for 219-220 MHz. Test transmissions are authorized above 51 MHz, except for 219-220 MHz

- = RTTY and data
- = phone and image
- = CW only
- = SSB phone
- = USB phone only
- = Fixed digital message forwarding systems only

E = Amateur Extra
A = Advanced
G = General
T = Technician
N = Novice

See *ARRLWeb* at www.arrl.org for more detailed band plans.

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JUNE 2007
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