



July, 2017
Volume 56 Issue 07

MARA News



Next meeting July 18, 2017 at the Bridgewater Public Library Bridgewater, MA

Our next meeting is August 15, 2017 location Bridgewater Public Library

Critical information the club is in need of a Vice President and Secretary ASAP

Jeff Lehmann N1ZZN our current Vice President is stepping down

Larry Kenney W1VP our current Secretary is also stepping aside

I wish to thank both of them for their years of service to our club please step up and fill their positions
Rick KB1TEE

Presidents notes from KC1CFO Denise Sisson



Presidents notes from KC1CFO Denise Sisson

Our next meeting is July 18, at the Bridgewater Public Library at 1830

Our August meeting is on the 15th, at the Bridgewater Public Library at 1830

MARA facebook page: Our Massasoit Amateur Radio Association facebook page with club events, Meetings, Photos, etc. Is occasionally updated so that it can be another resource for us on which to spark interest of our club, amateur radio and keep members informed of what we are doing outside of our club meetings and in our community. If you go to the "about" tab on our page you can find our <http://www.w1mv.org/> web page for our present and past newsletters and other club information. Please send Rick – kb1tee@gmail.com and Denise KC1CFO denigs@aol.com any articles or photos you would like to see in our MARA newsletter, W1MV-MARA Website and facebook page. Jeff N1ZZN has created a link to twitter to help get the word out even more!

We are planning to be at the Soule Homestead in Middleborough, for the harvest weekend September 16th from 9-5. We will be setting up to advertise for the MARA club and work a couple of radios. Volunteers are need to help get the word out about our club. I will help with all aspects of the venture. Soule Homestead information; <http://www.soulehomestead.com> located at 46 Soule St Middleborough, MA 02346, info@soulehomestead.org 508-947-6744.

Thank you Jay N1FDX for the building small antenna presentation last month.

We are in need of two positions to be filled, Jeff N1ZZN needs to step down as VP, and Larry W1VP also needs to step down as secretary. If anyone is interested in these positions please let me know denigs@aol.com

I am looking forward to having cards made up so we can give them out to let people know we are here, and to get others interested in our group.

Looking forward to seeing everyone at the meeting July 18th at the Bridgewater Public Library
73 Denise-KC1CFO.

President-Massasoit Amateur radio Association



SECRETARYS NOTES – MARA MEETING 06/20/17 – Larry Kenney, W1VP

OPEN: President **Denise KC1CFO** opened the meeting at 6:42 pm, 06/20/17.

ATTENDANCE: 8 members and guests were present including 2 elected officers

W1VP Larry Kenney (Sec)
N1EDM Bob Mandeville
KB1TEE Rick Emord

N1FDX Jay Zappulla
WA1BEE Allen Hiltz
AG1B Richard Metcalf

KC1CFO Denise Sisson (Pres)
N1EZH Barry Kennedy

MEETING MINUTES :

Motion to accept the May 2017 MARA Secretary's report as published in the May 2017 newsletter made by **Barry N1EZH** with a second by **Jay N1FDX** . Motion passed vote by attending club members.

TREASURER'S REPORT:

Club Treasurer **Phil N1XTB** did not attend the meeting. The reading of the treasurer's report will be done at the July meeting.

New Business:

Denise KC1CFO reminded everyone that the MARA club will have a table at the Saturday September 16th Soule Homestead event. A short general discussion regarding this event took place. **Rick KB1TEE** asked if he could drop off his mobile tower on Friday before the event. Denise will investigate this. **Jay N1FDX** volunteered to help coordinate this with Rick.

Rick KB1TEE reminded everyone that **John N1UMJ** ran net control operations for the Middleboro YMCA's Woody's Walk on June 10th and will be running it for the Triathlon on July 23rd. Volunteers for radio operations are VERY MUCH IN NEED. Please consider helping out for a few hours on the morning of the event. The team will meet at the Dunkin' Donuts at the intersection of rt105 and rt28 at 7:30am the morning of the event. Please contact John at N1UMJ@arri.net to volunteer.

Larry W1VP started a general discussion on the need for volunteers for the Secretary and Vice-President club officer positions. Anyone wishing to volunteer for either position please notify any of the club officers asap.

Denise KC1CFO started a general discussion on the need for MARA club brochures. **Larry W1VP** suggested club business cards (aka eyeball QSO cards). Larry will check with the Whitman club to see where their club business cards were purchased.

A general discussion took place on the accuracy of the club roster. **Phil N1XTB** and/or **Pete N1NVV** to verify and update the club website as needed.

Rick KB1TEE provided an update on the BSA and Museum Ships Weekend operations aboard the USS Massachusetts. 192 contacts were made during the BSA event and approx 574 contacts during the Museum Ships event. Rick provided extensive details on the events during a general discussion. Besides Rick, the other operators were **Mike WA1MAD**, **Jim N1JCW**, **Tom WA1TOM** and **Rich** (callsign?). Rick also mentioned **Joe Casieri KA1JBE** visited the USS Massachusetts and created a great video using his drone! Joe's videos are posted on YouTube and can be found by searching for "KA1JBE" and look for the "NE1PL Ships On The Air Weekend 2017" video. Rick expects to be operating on the USS Massachusetts again in August. Anyone wishing to join Rick please let him know.

A mention was made of the upcoming ARRL Field Day event on June 24th and 25th. MARA club members will join the Whitman club for operations at the E Bridgewater YMCA field. **Rick KB1TEE** mentioned he'll be participating with his other radio club in Littleton NH.

CLOSE: A motion to adjourn the meeting made by **Rick KB1TEE** with a second by **Richard AG1B**. Motion passed by attending club members. **Denise KC1CFO** closed the meeting at 7:24 pm 06/20/17.

After the meeting **Jay N1FDX** gave a very interesting presentation on the basics of building antennas including use of common parts easily found in and around your ham shack or at the local Home Depot type stores.

Camp Yomechas Triathlon July 23rd

Please contact John Miller N1UMJ if you can assist with this race: n1umj@arrl.net to assist at Camp Yomechas 375 Wareham Street, Middleborough, MA

Swim 1 Mile, Bike 24 Miles, Run 6.5 Miles

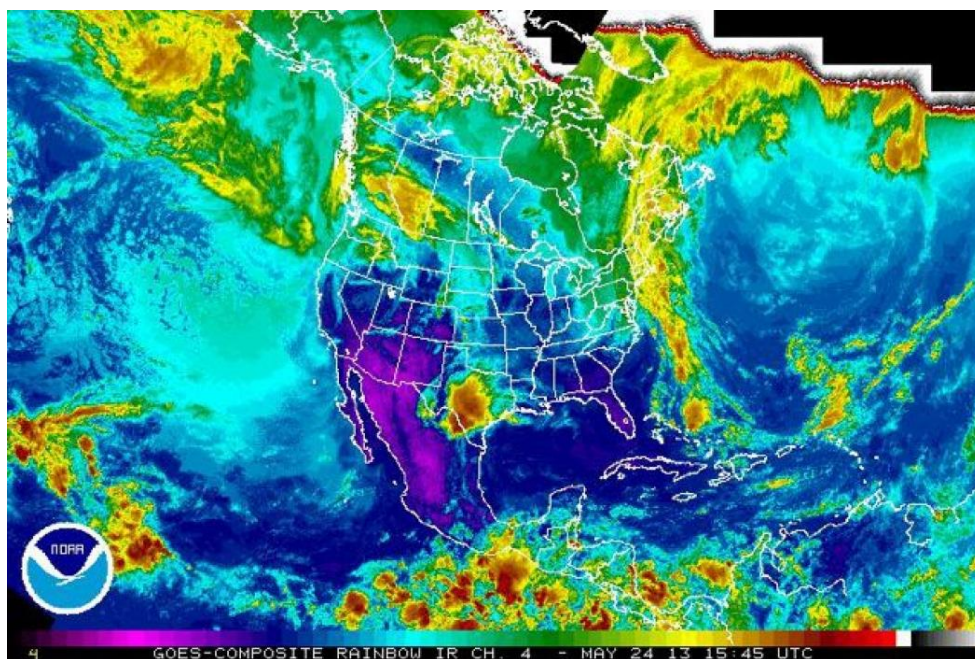
Sprint Triathlon

Swim .50 mile, Bike 12 miles, Run 3 miles



Skywarn net every Saturday night 2000 (8:00) on the 180

Please jump in and give your weather reports on the Skywarn net we meet at 8:00 on 147.180. If you want to be a Net controller contact Roy KB1CYV I am sure he would enjoy the help



South Shore Hospital Amateur Radio Club SSHARC received the following note about the Coop's Troop 5K for this year.

I wanted to let you know that we will be hosting the second annual Coop's Troop 5K this year and would love your assistance, if you are able to provide it. The HAM team was Great last year and helped us tremendously!

This year, Southfield is undergoing construction so we have to move our race to Bare Cove Park in Hingham, MA.

It will be held on Sunday, July 16th at 8:30.

Thanks, John O' K1JRO

International Lighthouse Lightship Weekend - ILLW

00.01UTC 19 August to 2400UTC 20 August 2017 (48 hours)

For some reason or other August seems to have become the international weekend for lighthouses. Countries all over the world have become involved in one for or another of lighthouse activity. Some years ago the United States Congress declared August 7th as their National Lighthouse Day and during that first week in August amateur radio operators in America set up portable stations at lighthouses and endeavour to make contact with each other. This event is known as the US National Lighthouse Week.

In Britain the Association of Lighthouse Keepers, [ALK](#), conducts International Lighthouse Heritage Weekend on the 3rd full weekend in August. Their objective is to encourage Lighthouse managers, keepers and owners to open their lighthouse or lightstation and related visitors centres to the public with a view to raising the profile of lighthouses, lightvessels and other navigational aids, and preserving our maritime heritage



However, the major event which takes place in August is the International Lighthouse Lightship Weekend, [ILLW](#), which came into being in 1998 as the Scottish Northern Lights Award run by the Ayr Amateur Radio Group. The history of this event can be found elsewhere on this site. The ILLW takes place on the 3rd full weekend in August each year and attracts over 500 lighthouse entries located in over 40 countries. It is one of the most popular international amateur radio events in existence probably because there are very few rules and it is not the usual contest type event. It is also free and there are no prizes for contacting large numbers of other stations. There is little doubt that the month of August has become "Lighthouse Month" due largely to the popularity and growth of the ILLW.

MARA Soule Homestead harvest fest 2017

MARA club to setup a table featuring amateur radio communications at the Harvest Fest on the Soule Homestead Education Center (100 acre farm, family 4H activities, etc.) in Middleborough taking place Saturday & Sunday September 16th-17th



Volunteers will be needed to set up and operate radios for this event contact Denise KC1CFO for more information

New England Area Ham - Electronic Flea Market DATES 2017

16 July Cambridge MA	Flea at MIT	Mitch 617 253 3776 F
Third Sunday April thru October		
5 Aug Milo ME PARC ThreeRiver @Kiwanis	George WA1JMM 207 441 6112 A	
12 Aug St Albans VT STARC @VFW	Arn N1ARN 802-309-0666 A+	
19 Aug Windsor ME AARA @FG	Bill K1NIT 207 512 0312 A	
20 Aug Cambridge MA	Flea at MIT	Mitch 617 253 3776 F
27 Aug Adams MA NoBARC @BoweFld 6:30sell 7:30buy	Eric KA1SUN 413 743 9975	
27 Aug Newtown CT CARA @Town Hall	John W1JGM 203 417 0160 A	
8,10 Sept Boxboro MA FEMARA NE Conv	Mike K1TWF 978 250 1235	
9 Sept Windsor CT VR+C Mus 115 Pierson LN @8AM Outside	John 860 673 0518	
10 Sept Ballston Spa NY SCRACES @FG \$6@7	Jim KG2H 518 703-9558 F	
16 Sept Alexander ME StCVARC @ElSch	Roger W1LH 207 454 2174 A	
17 Sept Cambridge MA	Flea at MIT	Mitch 617 253 3776 F
Third Sunday April thru October		
8 Oct Queens NY HoSARC \$5@9 \$10/S@7:30	Stephen WB2KDG 718 898 5599 F+	
13-14 Oct Deerfield NH NEARFest XXII @FG	Mike K1TWF 978 250 1235 W	
15 Oct Cambridge MA	Flea at MIT	Mitch 617 253 3776 F
21 Oct Brookline NH NEARC Antique@EvntCr \$10@7:30 \$5@8:30	Bruce 603 772 7516 W	

21 Oct Accord NY OMARC @JrHS	Keith K2UNI 845 687 9951 A+
22 Oct Meriden CT Nutmeg@Sheraton	John N1GNV 203 440 4973 A+
28 Oct Gales Ferry CT TCARC @FireCo auction	Darryl WA1DD 860 443 7799 W
29 Oct Hicksville NY LIMARC @LeviitHall	Richard K2KNB 516 694 4937 A
11 Nov Bourne MA FARA @UpperCC VoTech \$5@9 \$10/S@7	ralph N1YHS 508 548 0422
2 Dec Windsor CT VR+C Mus 115 Pierson LN @8AM Indoor	John 860 673 0518

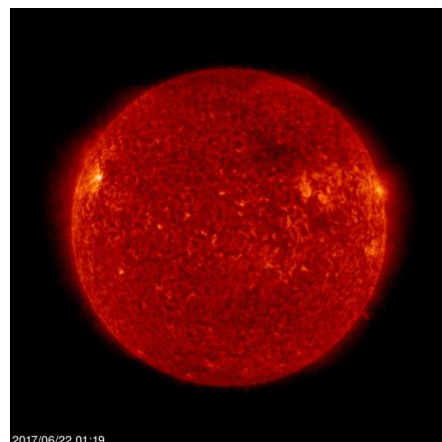
The K7RA Solar Update

The average daily planetary A index went from 7.3 to 9.4, and the mid-latitude A index from 6.9 to 8.1.

Predicted solar flux is 75 on June 22-28; 74 on June 29-July 4; 75 on July 5-7; 77 on July 8-9; 74 on July 10-14; 75 on July 15-17; 74, 72, and 74 on July 18-20; 70 on July 21-23; 74 on July 24-31, and 75 on August 1-3.

Predicted planetary A index is 8 on June 22; 12 on Jun 23-24; 10 and 8 on June 25-26; 5 on June 27-July 12; 20 and 12 on July 13-14; 10 on July 15-16; 5 on July 17-18; 8 on July 19; 12 on July 20-21; 10 and 8 on July 22-23, and 5 on July 24-August 5.

Conditions for ARRL Field Day this weekend should be good. The planetary A index had been predicted at 5, but the current weekend projection is for 12 and 10; certainly workable. Predicted solar flux is 75 for both days.



Sunspot numbers for June 15-21 were 28, 28, 28, 27, 26, 34, and 35, with a mean of 29.4. The 10.7-centimeter flux was 77.4, 73.5, 74.8, 74.9, 73.6, 74.4, and 73.7, with a mean of 74.6. Estimated planetary A indices were 4, 25, 15, 10, 5, 3, and 4, with a mean of 9.4. Estimated mid-latitude A indices were 5, 18, 12, 9, 7, 3, and 3, with a mean of 8.1.



September 8, 9, & 10

At the Boxboro Regency Hotel & Conference Center in Boxborough, Massachusetts

Hamvention Reports Second-Largest Attendance Ever for 2017 Show

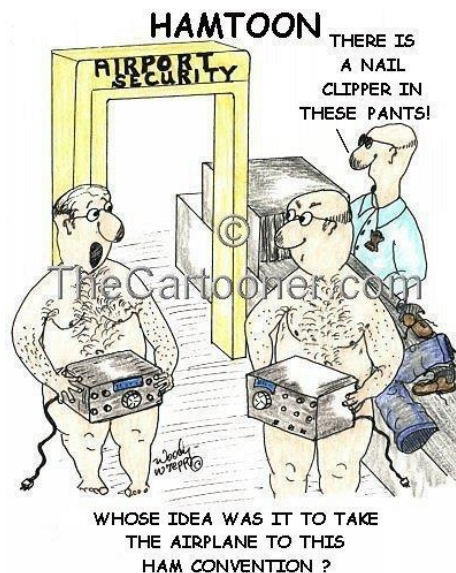
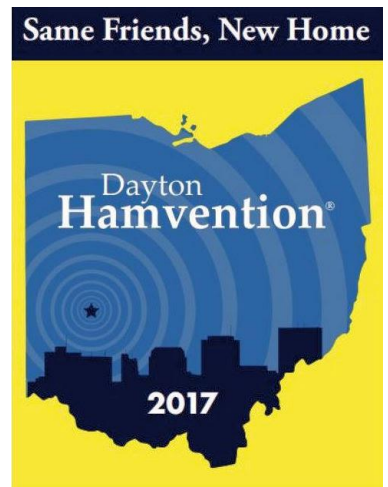
The tally is in, and Hamvention® 2017, at its new venue in Xenia, Ohio, attracted 29,296 attendees, official spokesperson Mike Kalter, W8CI, told ARRL. That is the second-largest attendance in the history of the event. Hamvention attendance peaked in 1993 at 33,669, before the 1996 change in date from April to May, when the show was still being held at Hara Arena. Attendance in 2016 for the show's final year at Hara was 25,364. Hamvention relocated to the Greene County Fairgrounds and Expo Center this year, after Hara Arena closed last summer. Hamvention General Chair Ron Cramer, KD8ENJ, called 2017 "a most successful year."



"We knew this would be a big year, but this was even beyond our expectations," Cramer said. "The challenge was great to reinvent Hamvention at a new venue in a very short time period. From all the e-mails, letters, and calls I have received over the last few weeks, we have accomplished it successfully." Cramer expressed appreciation for all constructive criticisms and said each idea is being evaluated. Held May 19-21, Hamvention 2017 has received largely positive reviews, despite traffic problems on opening day and heavy rain during the weekend.

"We all recognize the traffic, rain, mud, and parking issues, but part of those issues were corrected even before show weekend was over," Cramer said. "Other issues are being worked on already for next year's show." He and Kalter said the Hamvention Committee has joined Greene County, municipal officials, and the Greene County Fairgrounds and Expo Center Advisory Board in addressing improvements for 2018. Kalter and Cramer also thanked the 657 volunteers who put in long hours to make Hamvention 2017 a reality. The Dayton Amateur Radio Association (DARA) sponsors Hamvention.

"We can't control the rain, but we promise there will not be some of the other issues next year," Cramer said. "There may even be some new surprises in store," he added, pointing out that Hamvention has 3 more months to plan for the 2018 event than it did for this year's.



HAM RADIO LOCAL AREA NETS

If you know of a Ham Radio Local Area Net that is not listed here, a typo on the information, or a Net listed which is no longer active, please contact Barry – N1EZH at: N1EZH@comcast.net, so this list can be updated. All Frequencies are in MHz and 6 Meters (50.0 MHz and up.), are FM Mode unless otherwise noted. Thanks!

- Sunday:** **WA1NPO – WARPSN Net, 8:30 AM, Whitman ARC Rptr, 147.225 +, PL 67.0**
6 Mtr AM Net, 5:00 PM, 50.400.0 AM, Scituate
NE Cracker Barrel Net, **7:00 PM Daily** (Matt – W1AEM, NCO on Sun), 3.921.00 MHz LSB
Pilgrim Amateur Wireless Assoc. 10 Meter Net, 7:00 PM, 28.375.0 USB
Cape & Island Traffic Net, Every Night at 7:30 PM, Falmouth N1YHS Rptr, 147.375 + PL 110.9
Genesis ARC CW Training Net, 7:00 PM, Plymouth N1ZIZ Rptr, 146.685 – PL 82.5
Eastern MA 2 Mtr Traffic Net, Every Night at 8:00 PM, Boston W1BOS Rptr, 145.230 – PL 88.5
Norfolk County Radio Association Net, 8:00 PM, Walpole Rptr, 146.895 – PL 123.0
- Monday:** Cape and Islands Weather Net, 6:00 AM, Mon – Sat, Dennis K1PBO Rptr, 146.955 – PL 88.5
Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0
Norfolk County Emergency Preparedness Net, 8:00 PM, Walpole Rptr, 146.895 – PL 123.0
Falmouth ARA Net, 7:30 PM, Falmouth K1RK Rptr, 146.655 – PL 88.5
Boston ARC Rag Chew Net, 9:00 PM, Boston W1BOS Rptr, 145.230 – PL 88.5
- Tuesday:** Massasoit ARA Net, 8:00 PM, Bridgewater W1MV Rptr, 147.180 + PL 67.0 (**Except 3rd Tue!**)
Genesis ARC 2 Mtr Rag-Chew Net, 7:30 PM, Plymouth N1ZIZ Rptr, 146.685 – PL 82.5
Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0
Norwood Amateur Radio Club Net, 8:00 PM, Norwood Rptr, 147.210 + PL 100.0
220 MHz Day! Try to find a 220 Repeater near you and give a call out!
- Wednesday:**
Whitman ARC 10 Meter Rag-Chew Net, 8:00 PM, 28.333.0 USB (**Except 1st Wed!**)
Blackstone Valley ARC , 2 Mtr Simplex Net, 7:00 PM, 146.565
Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0
Cape and Islands ARES Net, 8:00 PM, Dennis K1PBO Rptr, 146.955 – PL 88.5
Waltham Wranglers Swap Net. 9:00 PM, Waltham W1MHL Rptr , 146.64 – PL 136.5
- Thursday:** Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0
Genesis ARC CW Training Net, 7:00 PM, Plymouth N1ZIZ Rptr, 146.685 – PL 82.5
10 Mtr General Class Rag-Chew Net, 8:00 PM, 29.470.0 FM
Sturdy Mem. Hosp. ARC ARES Practice Net, 8:30 PM, K1SMH Rptr, 147.195 + PL 127.3
900 MHz Day! Try to find a 900 Repeater near you and give a call out!
- Friday:** Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0
- Saturday:** South Shore Skywarn Net, 8:00 PM, Bridgewater W1MV Rptr, 147.180 + PL 67.0
VKEMCOMM Echolink Conference node: 270177/IRLP 9508 (due to *WX-TALK* Echolink conference node: 7203/IRLP 9219 outage) Refer to: <http://www.voipwx.net/>

Massasoit Amateur Radio Association Executive board

President Denise Sisson KC1CFO
Vice President Jeff Lehmann N1ZZN
Treasurer: Phil McNamara N1XTB
Secretary: Larry Kenney K1LJK
Call sign Trustee: Phil McNamara N1XTB

Repeater Trustees: Carl Aveni N1FY., Lou Harris N1UEC, Bob Mandeville N1EDM

2M Repeater 147.180+ (Tone 67.0)

440 Repeater 444.550+ (Tone 88.5)

APRS Node Node 144.39 W1MV-1

Packet BBS 145.09 N1XTB-4

Packet Node Brockton 145.09 W1JOE-7 (BROCK)

MARA Web page <http://www.w1mv.org/>

Newsletter Editor kb1tee@gmail.com

WARC Web Page <http://www.wa1npo.org>

Qsl via www.eqsl.cc

Skywarn www.powersrvcs.org/w1gmf/skywarn.htm

Mailing Address P.O. Box 428 Bridgewater, MA 02324

Monthly meetings are held the 3rd Tuesday of each month at 6:30PM at the Bridgewater Public Library in Bridgewater Center. Talk-in is on 147.180+

Our **Meetings-On-The-Air** are held all other Tuesday evenings at 8PM on 147.180+ and includes the Westlink News Report with the latest news about happenings in the world of Amateur Radio.

The **South Shore Skywarn Net** is held every Saturday evening at 8PM local time on 147.180+ and is open to all hams.

VE Exams are held the 2nd Saturday of every month, in Braintree contact Steve Cohen , W1OD via email w1od@arrl.net. Walk-ins are no longer permitted. We will be hosting VE exams at 8:45 at the Watson building. If you know of anyone planning to take an exam, please have them drop a note to Steve to confirm a reservation.

Editor Rick Emord KB1TEE



TV and Movie radio usage

HIGHWAY Patrol Staring Broderick Crawford

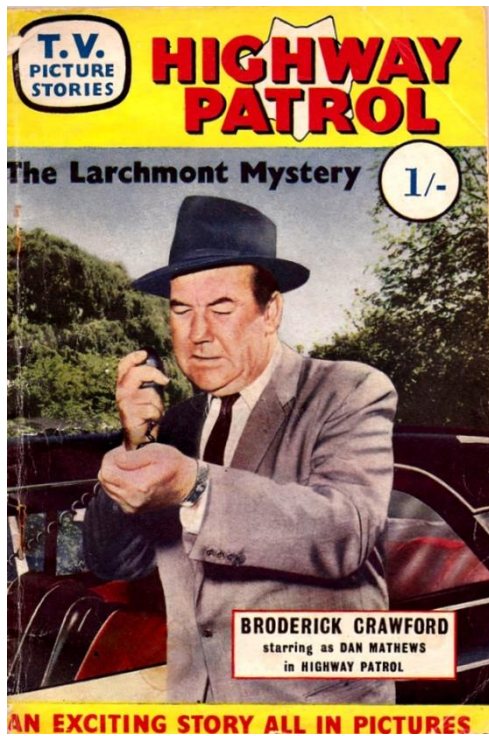


Highway Patrol is a syndication action crime drama series produced from 1955 to 1959.

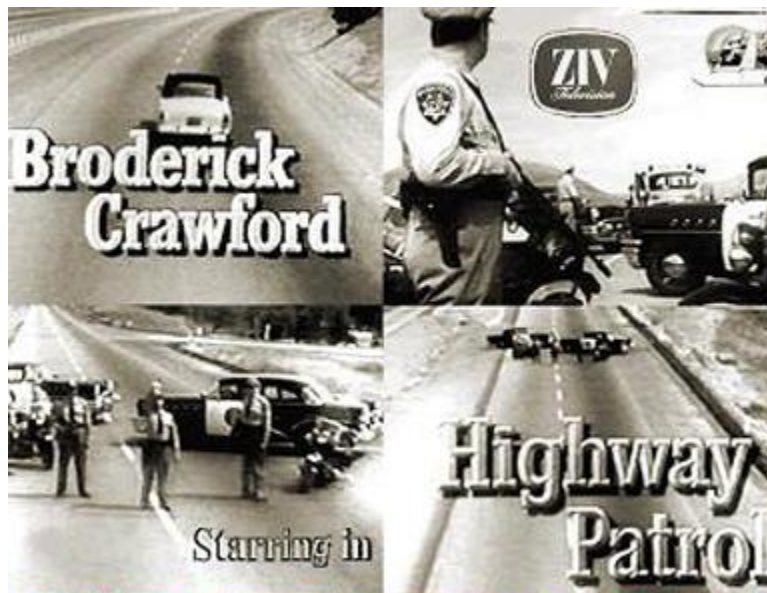
Highway Patrol stars Broderick Crawford as Dan Mathews, the gruff and dedicated head of a police force in an unidentified Western state. A signature shot of the series is fedora-wearing Mathews barking rapid-fire dialogue into a radio microphone as he leans against the door of his black and white patrol car. Mathews growls "21-50 to headquarters" and the invariable response is "Headquarters by" *Highway Patrol* was created by Ziv in response to California Highway Patrol (CHP) wanting to be featured in a TV series. However, because Ziv thought that the show needed to have a broader police scope than the real CHP, the generic show name was adopted. In the four years of its run, *Highway Patrol* would feature many actors who would later become successful stars in their own right, among them Stuart Whitman, Clint Eastwood, Robert Conrad, Larry Hagman, Barbara Eden, Paul Burke and Leonard Nimoy.



Highway Patrol premiered October 3, 1955 with "Prison Break", an episode filmed April 11–13, 1955. Ziv Television Programs produced 156 episodes spanning four TV seasons, 1955–1959. Episodes are generally fast-paced—notable considering how a typical episode was filmed: two days on location and one day at the studio. The budget for an episode ranged from \$20,000 to \$25,000, somewhat higher when a Bell 47 helicopter was used. Producer Frederic W. Ziv said the show moved fast to match Broderick Crawford's acting pace. Ziv said *Highway Patrol* introduced quick cutting to television, which started a new trend.



Highway Patrol is famous for its location shooting around the San Fernando Valley and Simi Valley, then mostly rural. Other notable Los Angeles area locations include Griffith Park, and Bronson Canyon just above Hollywood.^[1] The show also filmed at railroad stations at Glendale, California, identified by a large sign, Santa Susana, California, and Chatsworth, California.



In the first two seasons the series received technical assistance from the California Highway Patrol. The patrol cars in early episodes are actual CHP vehicles with the show's car door emblem covering the CHP emblem (sometimes a real CHP star is briefly visible). For instance, the 1955 Buick Century two-door patrol car seen in early episodes was built exclusively for CHP. Eventually California Highway Patrol dropped its support, reportedly dissatisfied with how the show had evolved. At that point the show had to create its own patrol cars using non-police models, but still outfitted in CHP-style, distinctly subdued compared with many police agencies.



Officer uniforms are the CHP style of the day. In seasons one to three, the shoulder patch is essentially the CHP patch with "California" and "Eureka" (state motto) removed; the California bear and other California state seal elements are retained. In season four the show adopted a uniform patch that matches its patrol car emblem. Highway Patrol chief Dan Mathews usually wears a suit and fedora, but not to be undercover—he generally drives a black-and-white patrol car.