

# ARRL – ARIZONA

JUNE 2021



**PRESENTED BY:**

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**ARRL SECTION MANAGER : ARIZONA**



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AMATEUR RADIO*

# THE AMERICAN RADIO RELAY LEAGUE

## AS REPRESENTATIVE TO THE NATION AND THE WORLD

### THE ARRL PROTECTS AND PROMOTES HAM RADIO ACTIVITIES AND INTERESTS

**ADDRESS:** LOCAL, REGIONAL, STATEWIDE, NATIONAL, AND INTERNATIONAL  
ISSUES RELATING TO COMMUNICATIONS

**DEFEND:** FREQUENCY ALLOCATIONS, PROPERTY RIGHTS, OPERATING  
RESTRICTIONS AND MEMBERS

**INTERCEDE:** USAGE RESTRICTIONS (DISTRACTED DRIVING LAWS)

**PROMOTE:** LOCAL, REGIONAL, STATE, NATIONAL, AND WORLDWIDE ACTIVITIES  
OUR IMAGE TO THE MEDIA, AND POLITICAL ARENAS

**PROVIDE:** EMERGENCY MANAGEMENT SERVICES AND SUPPORT ACTIVITIES  
TO CITIES, STATES, AND NATIONAL AGENCIES

**INFORM:** KEEP US UP TO DATE ON IMPORTANT ISSUES AND ACTIVITIES

**PUBLISH:** FOUR MONTHLY MAGAZINES,  
HUNDREDS OF BOOKS, MATERIALS, AND TRAINING PROGRAMS



# THE AMERICAN RADIO RELAY LEAGUE

## ARRL LEAGUE CHANGES

NEW CEO DAVID MINISTER (NA2AA) , FROM IEEE. OCTOBER 2020

NEW DIRECTIONS: SM EXECUTIVE WORKING GROUP :

David Minster CEO, Bart Jhanke Field Services Director , Norm Fusaro,  
2 Directors , 1-Section Manager

Weekly Meetings, Section Forum this week. Changes being considered:

RETURN TO “NORMAL” WORK SCHEDULE.

RETIREMENTS HAPPENING:

NEW POSITIONS: NATIONAL CLUB COORDINATOR,

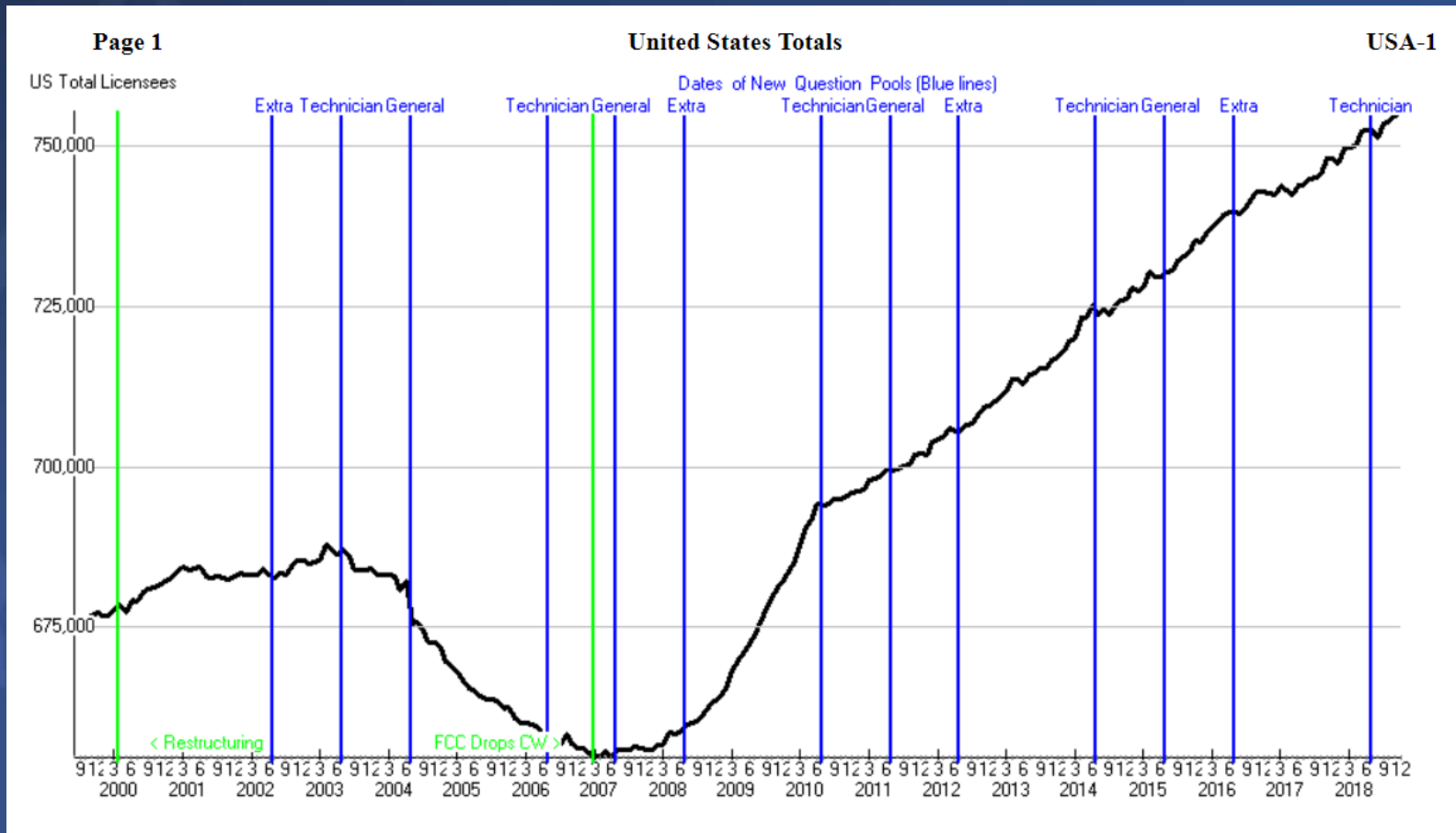
NEW WEBSITE MAKEOVER

Server, Webpages, Access, Search Engines, Responses

CONSOLIDATIONS / CHANGES IN OPERATIONS

LEAGUE FINANCES

# IS HAM RADIO DYING ?



**837,859 as of May 30<sup>th</sup> !!**  
**1.9% Growth Rate**





# WHAT HAS CHANGED ?

## THE WORLD HAS CHANGED

Radio Frequencies are PRICELESS ! Worldwide demand for spectrum is growing !  
The Social Media is perceived by many as replacing Amateur Radio !  
Radio is not just a form of communication anymore, It runs things remotely  
The “Smart Phone” is really a radio, Texting is just a form of digital communication  
Young People don't communicate less – They communicate MORE THAN WE DO !

## HAM RADIO HAS CHANGED

There are MANY new activities that Hams pursue:

Emergency Services (ARES), Public Service Events, Search and Rescue,  
SkyWarn activities, Traffic Handling, Training, VEC Activities, AMSAT,  
Near-space Balloon launches, Robotics , Maker-Fair Events,  
Remote Operations (NPOTA), GOTA events (Field Days) APRS, Packet Radio,  
Contesting, Geo-Caching, Digital Communications , , ,

There are many more Hamfests and Conventions, (24 in AZ alone)

There are many more Clubs and Organizations, (45 Clubs in AZ , 5-more this year)

Many companies have helped develop and grow the fun:

Gordon West Amateur Radio School, HAM TEST Online, QRZ





# WHAT HAS CHANGED ?

## WE HAVE CHANGED

A new demographic of Ham Operators is emerging:

They don't just sit at a desk and Rag Chew anymore  
Many are professionals with a wide variety of interests.

A great number are active women and young adults  
Many are becoming Hams to help their community -  
and to enjoy the EXCITEMENT

These new Hams want to use their talents to help others

All Astronauts (Worldwide) are HAM Radio Operators

Emergency Support Organizations now strongly encourage  
or require Amateur training. ICE, Police Cadets, AZ Rescue Associations

Schools and Educational Support Agencies recognize the benefits of Ham Radio:  
STEM Activities, Tribal Interaction Groups (Code Talkers), Scouting.

Communities and State Agencies are recognizing the benefits of utilizing Ham Radio



**HAM RADIO HAS BECOME  
AN IMPORTANT ACTIVITY  
TO A LOT MORE PEOPLE**



# HAM RADIO IN ARIZONA IS (STILL) GROWING STRONG!

**23,688 Hams in Arizona Now 9<sup>th</sup> Largest in USA**

**718 New Hams in Arizona in the past year**

**Many new Hams are younger than the 54 years profile**

**Arizona Clubs are doing a fantastic job !**

**VE Teams, Instructors, and Club Organizations**

**FCC Statistics do not include recent relocations**

**W6 – “Immigrants” PLUS ! SNOWBIRDS**

**.29% of AZ population are Hams**

**TX = .18% FL= .22% NC= .22% NY=.1%**

**WA= .49% MI= .22% OH= .26%**



# WHAT DO HAMS DO IN ARIZONA ?

Emergency Operations: Help staff, equip, and maintain the EOCs

Participate in emergency exercises and drills

Support NWS, NOAA, "SKYWARN", "RAWS"

Configure and maintain Communications/ Emergency Radio systems

First-Responder Coordination Equipment: Repeaters, AREDN

Conduct Training Programs and certification for Emergency Operators

Work with local Municipalities : Counties, Cities, US Agencies (ICE, FEMA)

EOCs, Distracted Driving Laws, Interference Issues, HOA issues

Arizona Rescue Associations (SARA) ,  Jeep Posse



Support Communications at Major Events:

El-Tour De Tucson Route 66 On The Air,

Bicycle and Running events

International Off-Road Bike events: Prescott, Oracle

Event – Days at local happenings:

Pima Air/Space, Titan Missile Museum, Science Fairs, Schools

Organize activities for Students, Kids, Scouts, ARISS , SERT Events



# WHAT IS HAPPENING IN ARRL-AZ

## COVID CONCERNS SUPRESSED MUCH OF AZ ACTIVITIES

HAMFESTS, CLUB MEETINGS - CANCELLED:

CHANGES IN FACILITIES MIGHT SOLVE SOME CONCERNS:

SHERRIFF'S OFFICES, FIRE STATIONS, EOC'S , PRIVATE FACILITIES

CLUB LIABILITY ISSUES: "AUTONOMOUS" MEETINGS.

OUTDOOR MEETINGS, OUTDOOR EVENTS.

INNOVATIVE WORK-AROUND ACTIVITIES :

"ZOOM" ON-LINE MEETINGS AND PRESENTATIONS

ARIZONA CLUBS STILL ALIVE AND WELL



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# WHAT IS HAPPENING IN ARIZONA ?

**Distracted Driving Law Enacted:  
Exempts Amateur Activities  
Now In Effect**



**AZ Governor Doug Ducey  
Visits Hams at Emergency Operations Center**



**Another Commendation From the Governor's Office  
June 2021**



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# WHAT IS HAPPENING IN ARRL-AZ

## RECENT FIRE ACTIVITY SPOTLIGHTS AMATEUR ACTIVITY

### FLAG FIRE - HALAUPAI MTNS;

Amateur –Run EOC Operations

Several Support Groups Run By Kingman ARC

### SPUR FIRE - BAGDAD :

Amateur Radio To The Rescue ... Again !

Replicated Emergency Communications During Major Evacuation



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# WHAT IS HAPPENING IN ARRL-AZ

## ARIZONA LEGISLATORS INTRODUCE BILL TO DECLARE NATIONAL AMATEUR RADIO DAY

US REPRESENTATIVES DEBBIE LESKO, PAUL GOSAR INTRODUCE LEGISLATION.

ARRL: LOBBYISTS WORKING WITH CONGRESSIONAL PANELS

ARRL-AZ MEETING WITH REPRESENTATIVES TO EDUCATE AND ENDORSE EFFORTS

## ARRL CLUB REGISTRATION DISCOUNT

CONCERN: WILL DROP IN MEMBERS RESULT IN LOSS OF ARRL REBATES

UPDATE: ARRL WORKING ON CHANGES TO ENHANCE REBATES PROGRAM.



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# UPCOMING ACTIVITIES :

## ARIZONA QSO PARTY 10 OCTOBER 2021

Sponsored by: ARRL-AZ \$50 EACH PLAQUE

Single Op CW HP

Single Op CW Low

AZ – CW QRP

AZ - CLUB

Other Sponsors: Southern AZ DX Assn - Yuma DX Assn  
Catalina Radio Club - Yavapai ARC - K7NSW -  
KE7DX – WA7NWL – K7YMA – AK7W – K6WSC -  
ARCA - Pima Canyon Realty - K7ZOO – KY7K -  
Cochise ARA - AZ Outlaws CC



# WHAT IS HAPPENING IN THE ARRL

## FCC ANNOUNCES LICENSE FEES PROPOSAL

FCC PROPOSED \$50 FEE FOR LICENSE PROCESSING

NPRM: MD Docket 20-270 10-28-2020

NEW / UPGRADED LICENSES, RENEWALS

VANITY CALL PROCESSING - PRINTED COPIES

ADDRESS CHANGES, ETC : NO CHARGE

NO PLAN TO INTRODUCE ANNUAL REGULATORY FEES

ARRL FILED COMMENTS IN FIRM OPPOSITION TO THE PLAN

FCC Lowered Fees to \$35 April 2021

NO ACTION YET ON INMPOSITION (GAO APPROVAL)

FEES TO BE COLLECTED ONLINE.

Visit [www.arrl.org/fcc-fees-proposal](http://www.arrl.org/fcc-fees-proposal).



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# WHAT IS HAPPENING IN THE ARRL

## AZ HAMS IN ACTION: JAKE SPRINGS FIRE

3-5 OCTOBER REPEATER SITE WORK PARTY AT GREENS PEAK  
RICK PAQUETTE (W7RAP) AZ ARRL SECTION MANAGER,  
ROBERT KNIGHT (N7LPD),  
CHARLIE ZURENKO (N2TFS),  
FRANK ENGSTROM (KB7IQ),  
CLIFF BAILEY (WA7GBL)



# WHAT IS HAPPENING IN THE ARRL

## AZ HAMS IN ACTION: JAKE SPRINGS FIRE



FIRE 1<sup>ST</sup> SIGHTED 10:30 AM : W7RAP - INITIAL CALL TO USFS DISPATCH

FIRE BUILDS AND RAPIDLY SPREADS 1:30

HELIOS COME TO SAVE THE DAY @ 2:30

6 DAYS TO CONTAIN FIRE 72 UNITS, 125 MEN , 2 HELIOS

5 OCT.: USFS DEPUTY CHIEF VISITS W7RAP TO APPRECIATE ASSISTANCE

DISCUSSIONS ABOUT POSSIBLE MESH NETWORK (AREDN)

MOUNTED IN USFS TOWER.





# WHO ARE THE MOST IMPORTANT HAMS ?

Who are the most important hams in your club ?

What is the obligation of experienced hams in every club

“ELMER” Special Interest Groups should expand their scope

Elmers shouldn't just train Amateurs in Radio

New Amateurs do not know what to do or how to do it

Give **EVERY** new ham a job to do **Right Away:**

Hamfest help, SERT events, Club activities:

Let them know they are needed

**Don't ask them to volunteer – Give them a job to do**

Follow-up on their progress... Keep a roster of every new Ham

Make the first year's club membership free in your club

Make **them** be the task owner, have the “experts” be their mentor



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# WHO ARE THE MOST IMPORTANT HAMS ?

Ideas:

ARRL-AZ Provide lists of new Amateurs to clubs for recruitment:  
Use Zip Codes for location.  
Make recent copies of QST and ARRL materials available to VE teams for handing to new Hams at the test sessions

Clubs: Use Social Media to contact new Hams and Solicit membership and activity  
Offer Reduced / Free membership to potential members  
Assign a position / responsibility / task to each new member  
Assign the mentoring task to the former task performer  
Announce / recognize the new task assignment at the next meeting  
Have them report on their progress at each meeting



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