



serving our community since 1982

the word "radio" is derived from the Latin word "radius", meaning "spoke of a wheel, beam of light

it was first applied to communications in 1881



in 1895 Italian inventor
Guglielmo Marconi transmitted
radio signals through the air



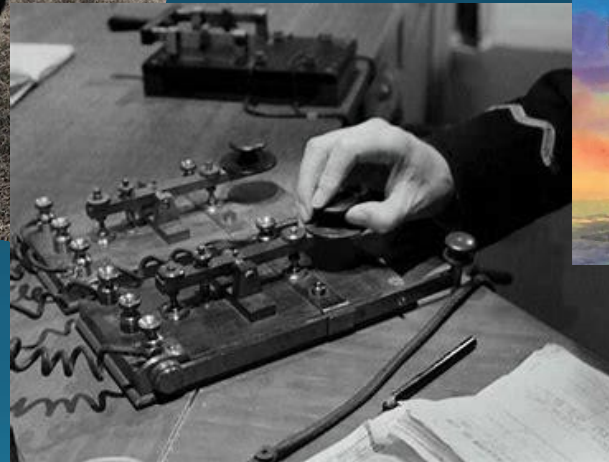
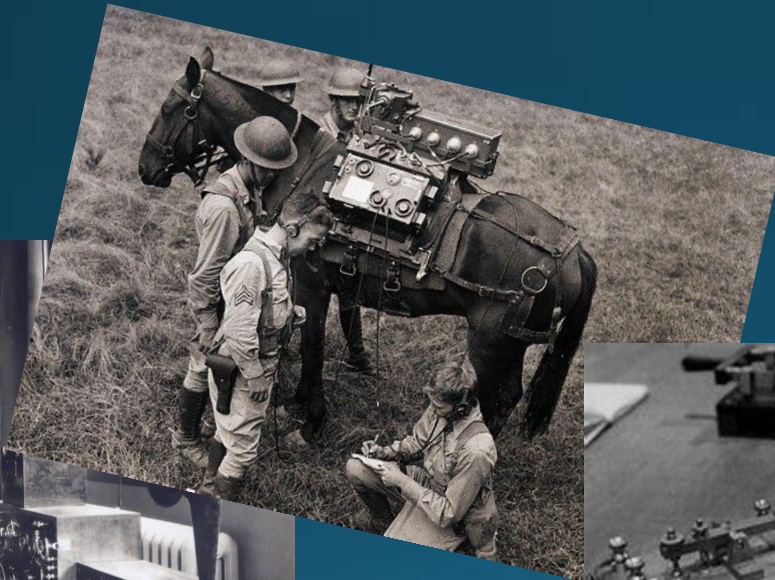
this was the dawn of
wireless radio

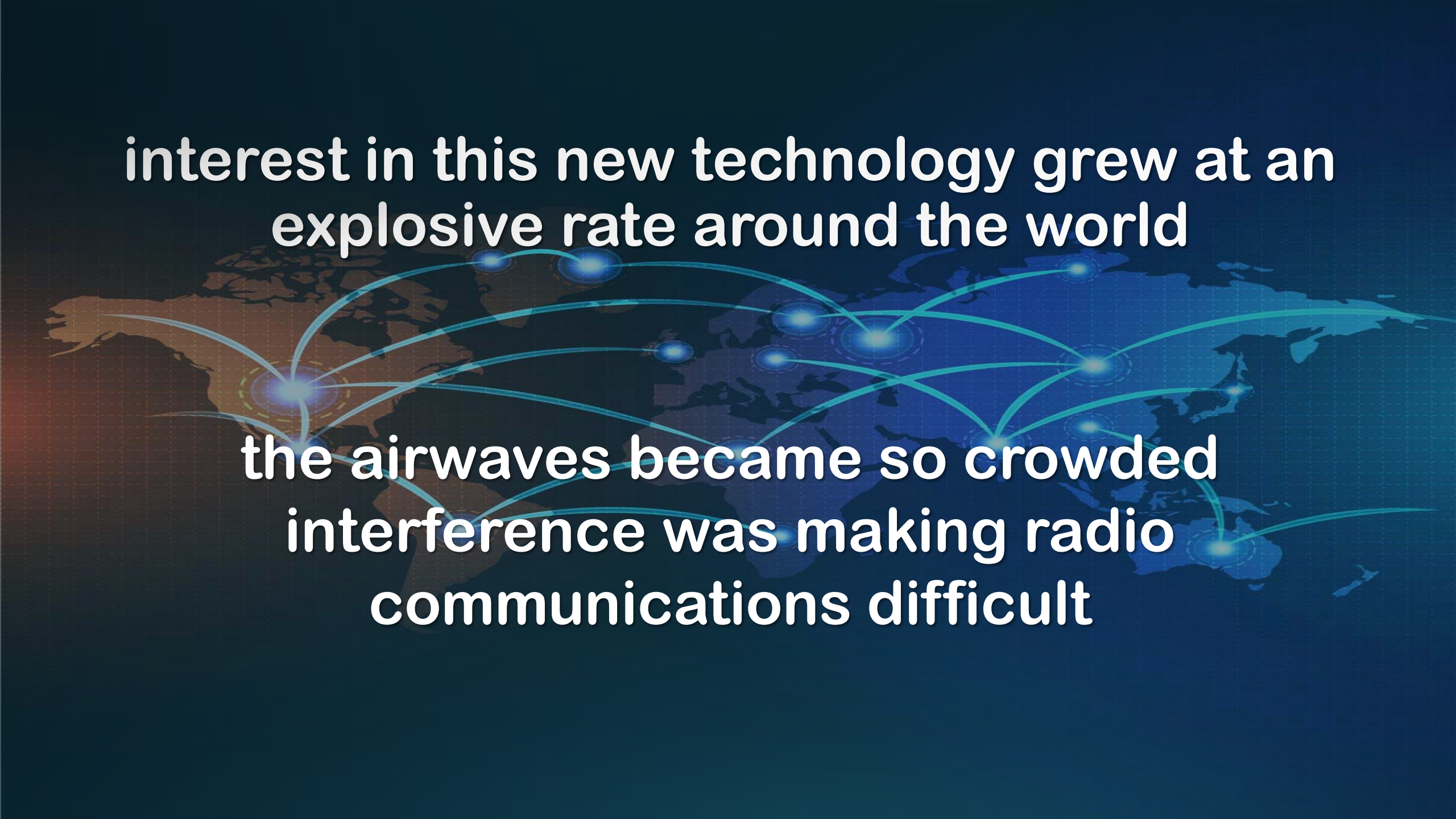


in the early years of radio,
many amateur inventors
and experimenters were
tinkering with the newly
discovered ability to
transmit information via
radio waves through
the air



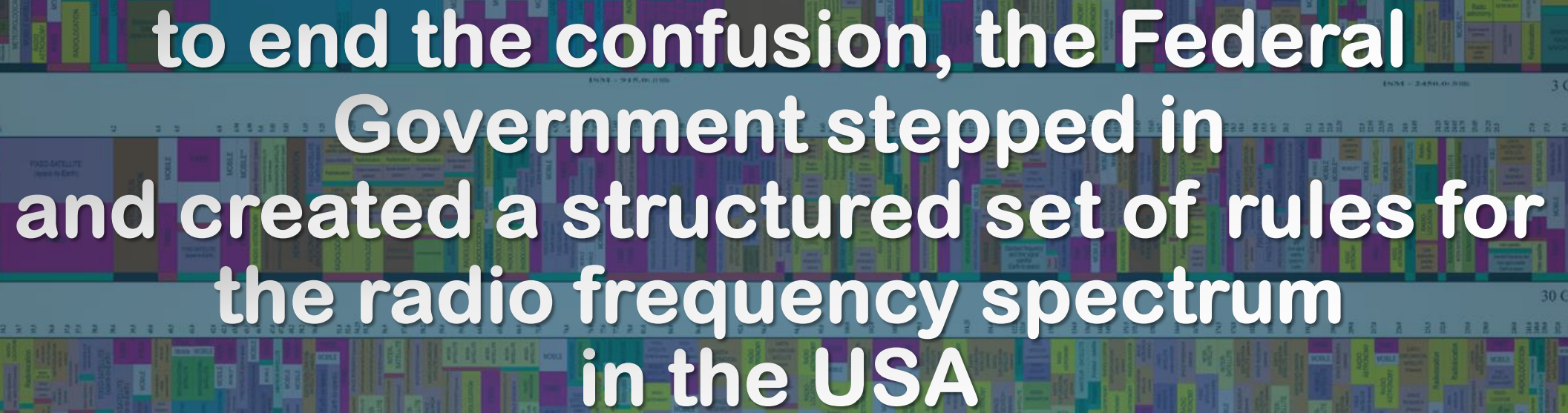
at the same time, commercial radio
broadcasting, wireless telegraph and military
radio use was coming of age





interest in this new technology grew at an explosive rate around the world

the airwaves became so crowded interference was making radio communications difficult



to end the confusion, the Federal Government stepped in and created a structured set of rules for the radio frequency spectrum in the USA

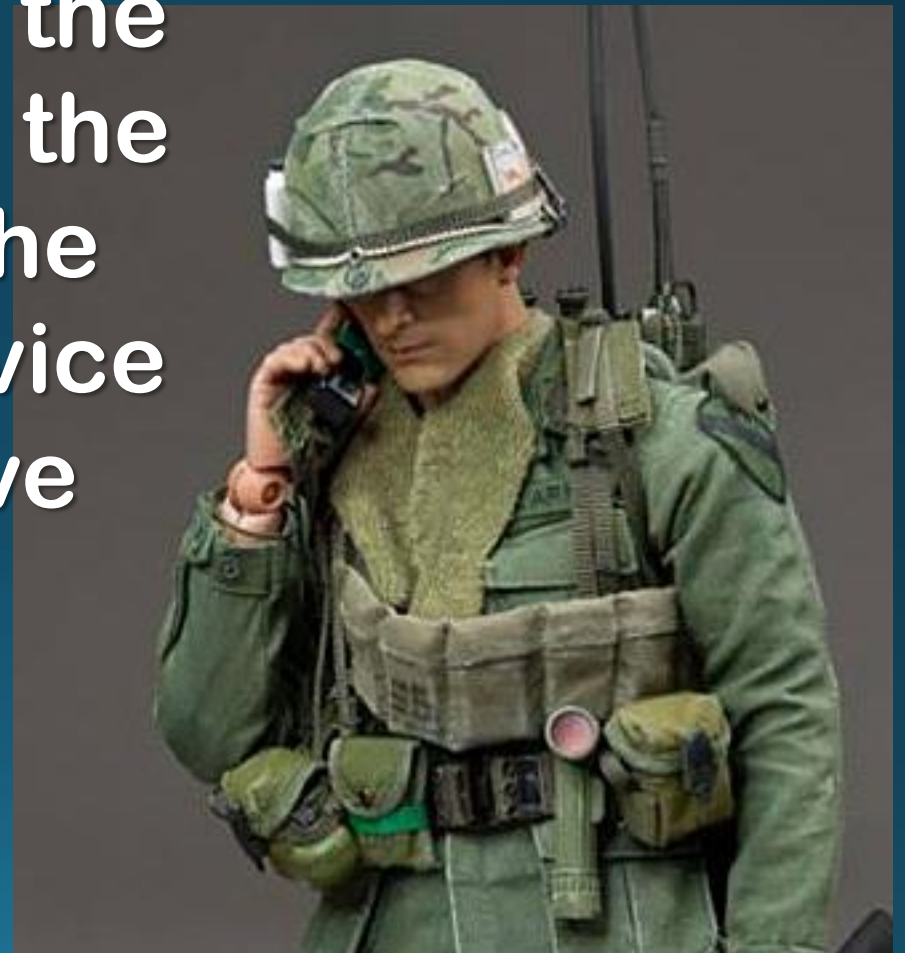
1912 marked the beginning of Federal
licensing of amateur radio operators and the
creation of the
amateur radio service



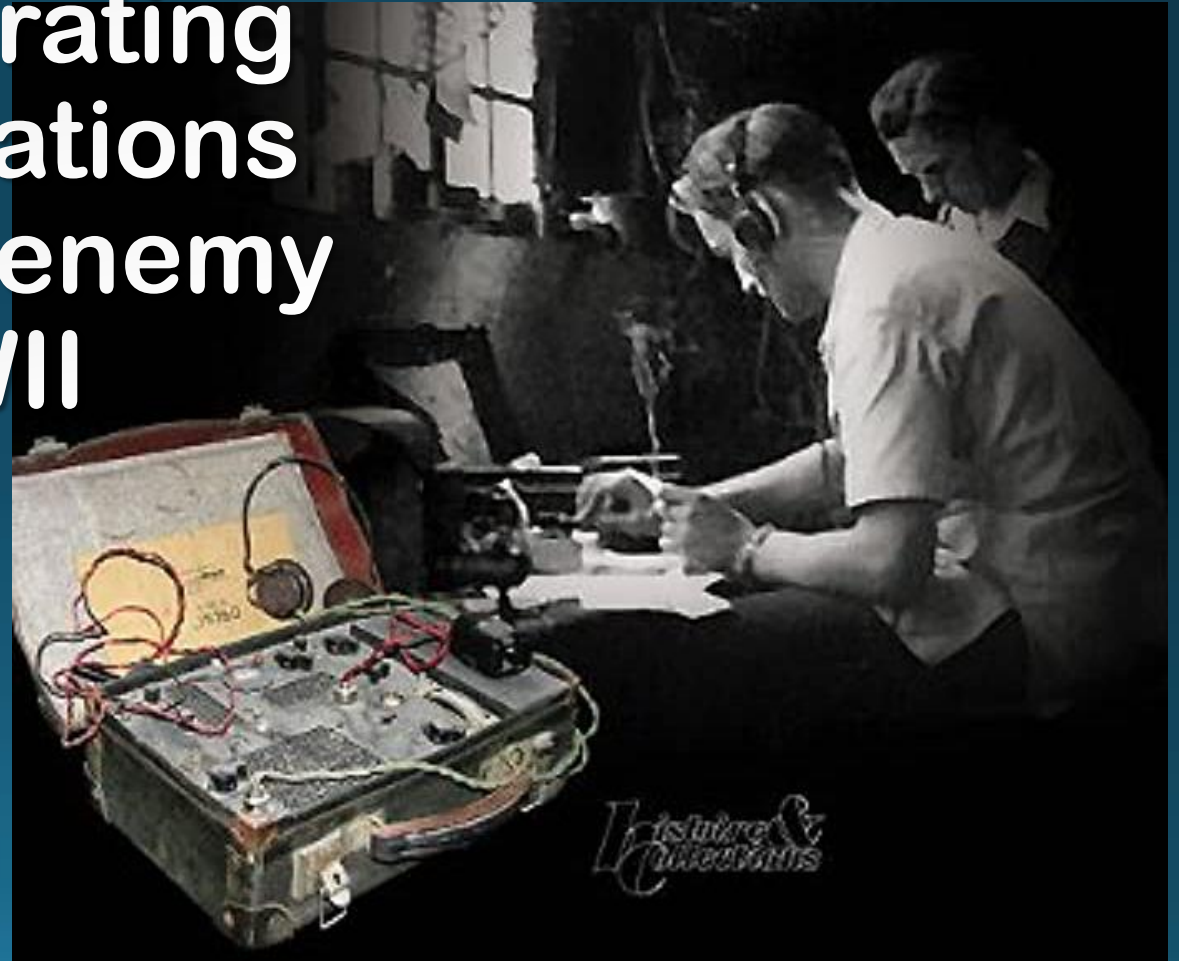
**the Radio Act of 1912 required all
radio operators to be federally
licensed and all ships to maintain
constant radio alert
for distress signals**



with most of the American amateur radio operators in the armed forces during WWII, the US government created the War Emergency Radio Service which would remain active through 1945



many civilian amateur
radio operators risked---or
lost---their lives operating
clandestine radio stations
for the Allies behind enemy
lines during WWII



*History &
Collectibles*

Title 47 Code of Federal Regulations

Part 97 Amateur Radio Service

“recognition and enhancement of the value of the amateur service to the public as a voluntary noncommercial communication service, particularly with respect to providing emergency communications”

today, US amateur
radio operators
are licensed by the
Federal
Communications
Commission

UNITED STATES OF AMERICA FEDERAL COMMUNICATIONS COMMISSION			
			
AMATEUR RADIO LICENSE W5LUS			
SCHLERMY BECKERMAN 17839 BENCHMARK DR DALLAS, TX 75252			
FCC Registration Number (FRN): 0026445957			
Special Conditions / Endorsements			
NONE			
Grant Date	Effective Date	Print Date	Expiration Date
06-27-2017	08-24-2017	08-25-2017	06-27-2027
File Number	Operator Privileges		Station Privileges
0007904131	Amateur Extra		PRIMARY
THIS LICENSE IS NOT TRANSFERABLE			
_____ (Licensee's Signature)			
FCC 660 - May 2007			

do you know

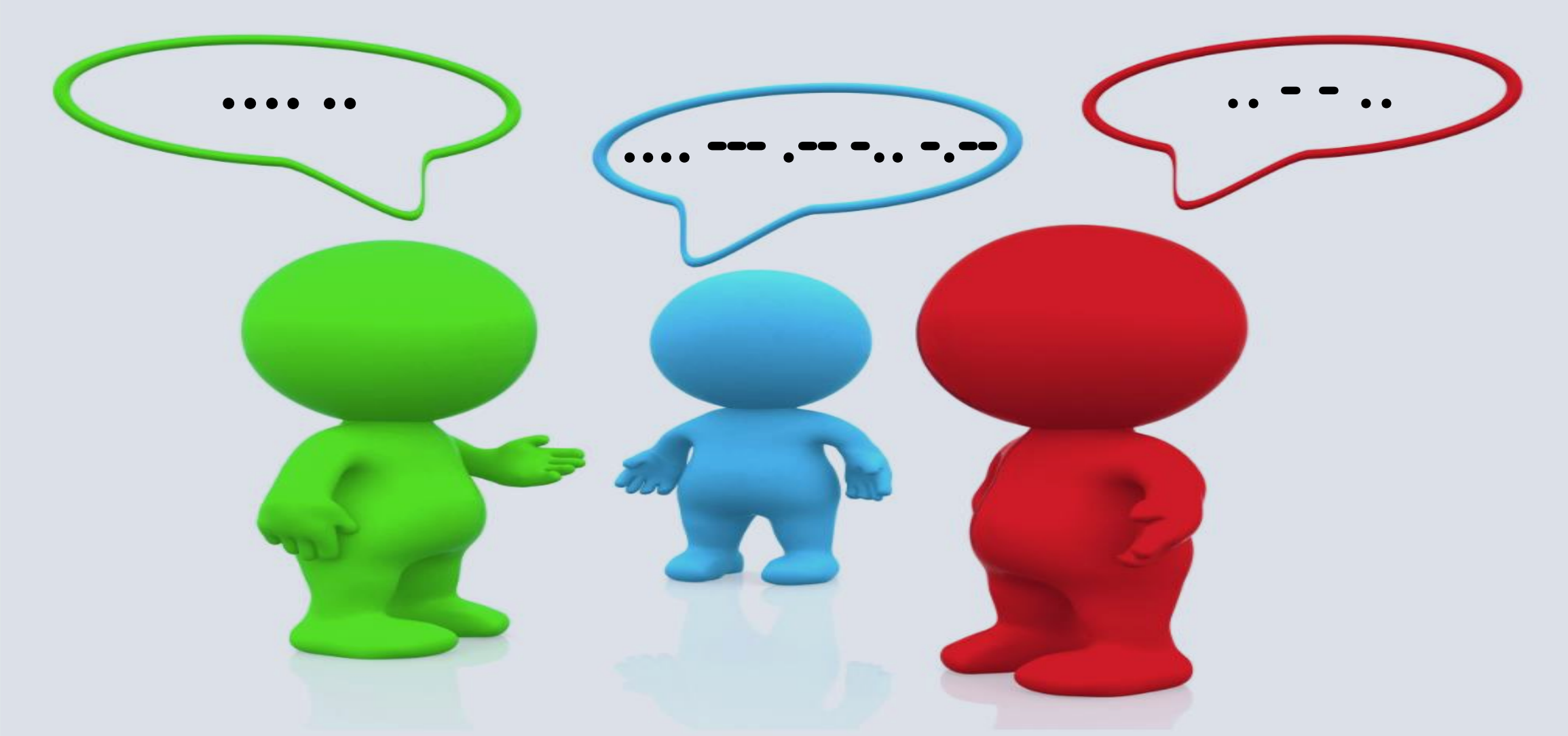




**there are over 840,000
licensed amateur
radio operators in the US**

**there are about 3 million amateur
radio operators world-wide**

amateur radio is the original social media



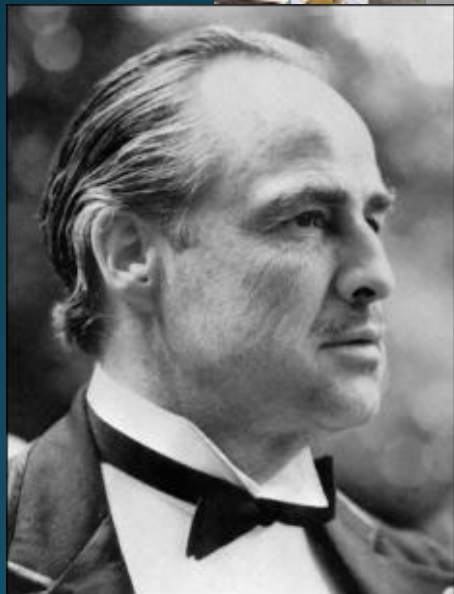
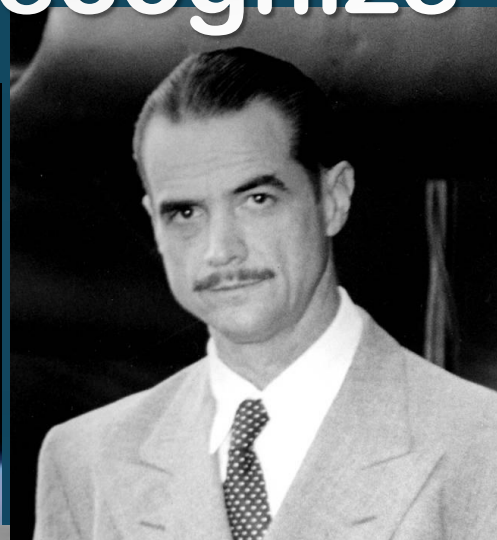
Pope John Paul II canonized
Raymund Kolbe, call sign
SP3RN, declaring him the
patron saint of amateur radio



the origin of the term
"ham" as a synonym for
an amateur radio
operator, was a taunt by
professional telegraphers



hams you may recognize



each year the governor of Idaho issues a proclamation declaring Amateur Radio Week



Executive Department
State of Idaho

The Office of the Governor Proclamation

State Capital
Boise

WHEREAS, amateur radio operators are celebrating over a century of the miracle of the human voice transmitted over the airwaves; and

WHEREAS, amateur radio continues to provide a bridge between peoples, societies and countries by creating friendships and the sharing of ideas; and

WHEREAS, amateur radio operators have a long history of providing countless hours of community services both in emergencies and to local organizations; and

WHEREAS, these amateur radio services are provided wholly uncompensated; and

WHEREAS, the State of Idaho also recognizes the services that amateur radio people provide to our many emergency response organizations during power outages and other natural disasters; and

WHEREAS, these same individuals further demonstrate their value in public assistance by providing free radio communications for local parades, bike-a-thons, walk-a-thons, fairs and other charitable public events throughout Idaho; and

WHEREAS, the State of Idaho recognizes and appreciates the diligence of these "Hams" who also serve as weather spotters in the Skywarn program of the National Weather Service; and

WHEREAS, amateur radio again proved its relevance in the modern world by providing emergency communications when other systems failed in the devastation of hurricanes Katrina, and Maria, in the United States, in the Southeast Asian tsunami catastrophe, and recently in Idaho, by providing a ready source of emergency incident trained radio operators to the US Forest Service during the extended 2015 fire season; and

WHEREAS, the American Radio Relay League (ARRL) is the leading organization for amateur radio in the United States; and

WHEREAS, the ARRL Amateur Radio Field Day – a 24-hour emergency preparedness exercise and demonstration of the radio amateurs' skills and readiness to provide self-supporting communications without further infrastructure, which takes place June 26th and 27th, 2022, and involves more than 200 Idahoans participating at approximately 25 Idaho locations;

NOW, THEREFORE, I, BRAD LITTLE, Governor of the State of Idaho, do hereby proclaim June 20-27, 2022, to be

AMATEUR RADIO WEEK

in Idaho, and I encourage all Idaho citizens to recognize the many accomplishments and opportunities in communications that these amateur radio operators make possible for people everywhere.



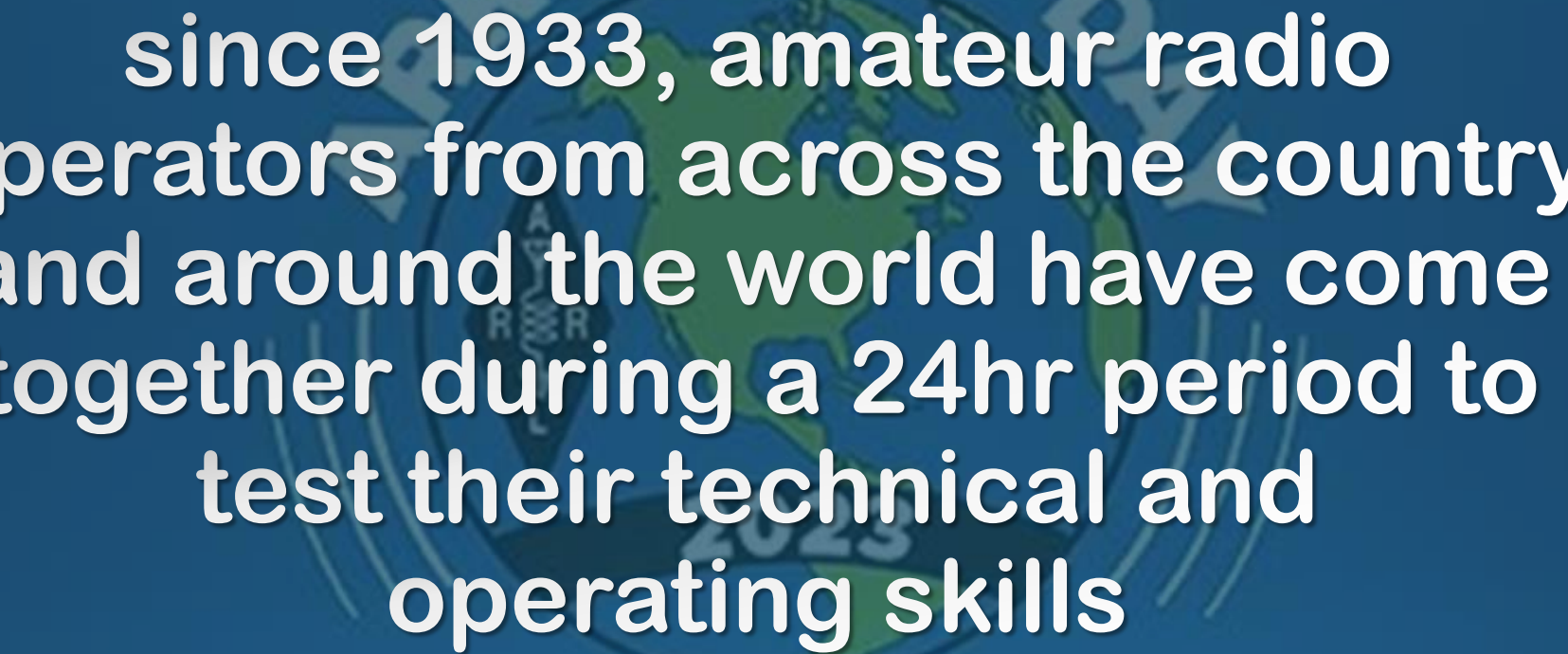
IN WITNESS WHEREOF, I have hereunto set my hand and caused to be affixed the Great Seal of the State of Idaho at the Capitol in Boise on this 8th day of June, in the year of our Lord two thousand and twenty-two.

BRAD LITTLE
GOVERNOR

LAWRENCE DENNA
SECRETARY OF STATE

amateur radio's annual Field Day















since 1933, amateur radio operators from across the country and around the world have come together during a 24hr period to test their technical and operating skills

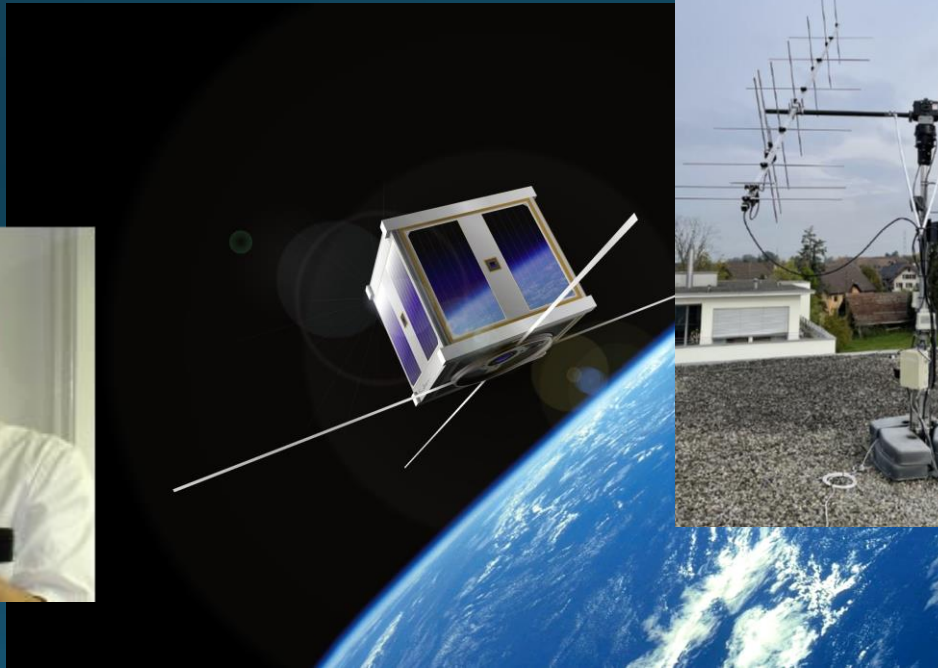
TUNE IN THE WORLD

club members operate in shifts around the clock using different communications modes

Time	RX Call	TX B...	TX Fre...	RX Mode	RX Grid	RX	RX Country	RX Operator Name
01:48	VA3FF	20m	14.075	CW	FN03dr		Canada	Igor Mordick
01:47	CU3HN	20m	14.075	CW	HM68jp		Azores	FABIO SILVA
00:58	WP4AZT	17m	18.101	SSB	FK67ux		Puerto Rico	JOSE A SANTIAGO
00:55	VA3FF	20m	14.076	PSK	FN03dr		Canada	Igor Mordick
00:55	W5FHW	20m	14.076	CW	EM02vf		United States	ALONZO M POWEL...
00:53	VA3FF	20m	14.076	PSK	FN03dr		Canada	Igor Mordick
23:14	ZL3IO	20m	14.075	SSB	RF80lf		New Zealand	Holger Hannemann
22:13	EA3IAA	20m	14.076	PSK	JN01xk		Spain	Manel Paños
19:26	NØDOW	20m	14.077	SSB	EN26vh		United States	Richard W Shell
19:25	W6BZY	20m	14.077	CW	DM14sd		United States	Kenneth F Hendricks...

amateur radio is out of this world

OSCAR 1, 1961 – OSCAR 119, 2022



Orbiting **S**atellite **C**arrying **A**mateur **R**adio

astronauts aboard the Artemis 2 mission, which will send a quartet of people around the moon in late 2024, are licensed amateur radio operators



Wiseman KF5LKT, Hansen KF5LKU, Glover KI5BKC



ARISS

Amateur Radio on the International Space Station



Central Idaho Amateur Radio Club



we are amateur radio



founded in 1982

**we promote the art & science of radio
communication through club
sponsored training
and field activities**

our training programs

SWR
standing wave ratio



datums,
coordinates,
maps and GPS



coaxial cable

WEB BASED SDR & HAM RADIO

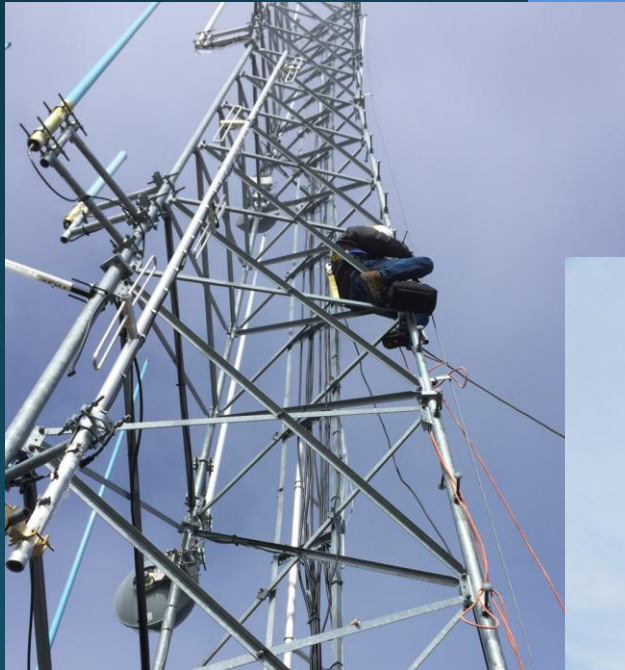
selecting, mounting & tuning
2m & 70cm mobile antennas



Batteries for Amateur
Radio Applications



our mountain top radio repeaters



CIARC members fund and maintain a system of high elevation repeaters providing radio coverage in our region's back country



our repeater system serves as
the communications
infrastructure for many sporting
and adventure
events in our area



Idaho Sled Dog Challenge



4 Summit Challenge

ELEVATION PROFILE (Approx.)

Mile	Approx. Elevation
0	4820'
14	6580'
26	5100'
33.5	4000'
43.5	4000'
53.5	4000'
63	4000'
77	4000'
91	4000'

Round Trip Mileage

- 1 Summit- 28 Miles
Turn around at Big Crk Summit Aid Station
- 2 Summits- 52 Miles
Turn around at Knox Ranch Aid Station
- 3 Summits- 71 Miles
Turn around at Poverty Flat Aid Station
- 4 Summits- 90.4 Miles
Turn around at Reed Ranch Aid Station

Authorized Vehicles Only
7:30am - 2:30pm

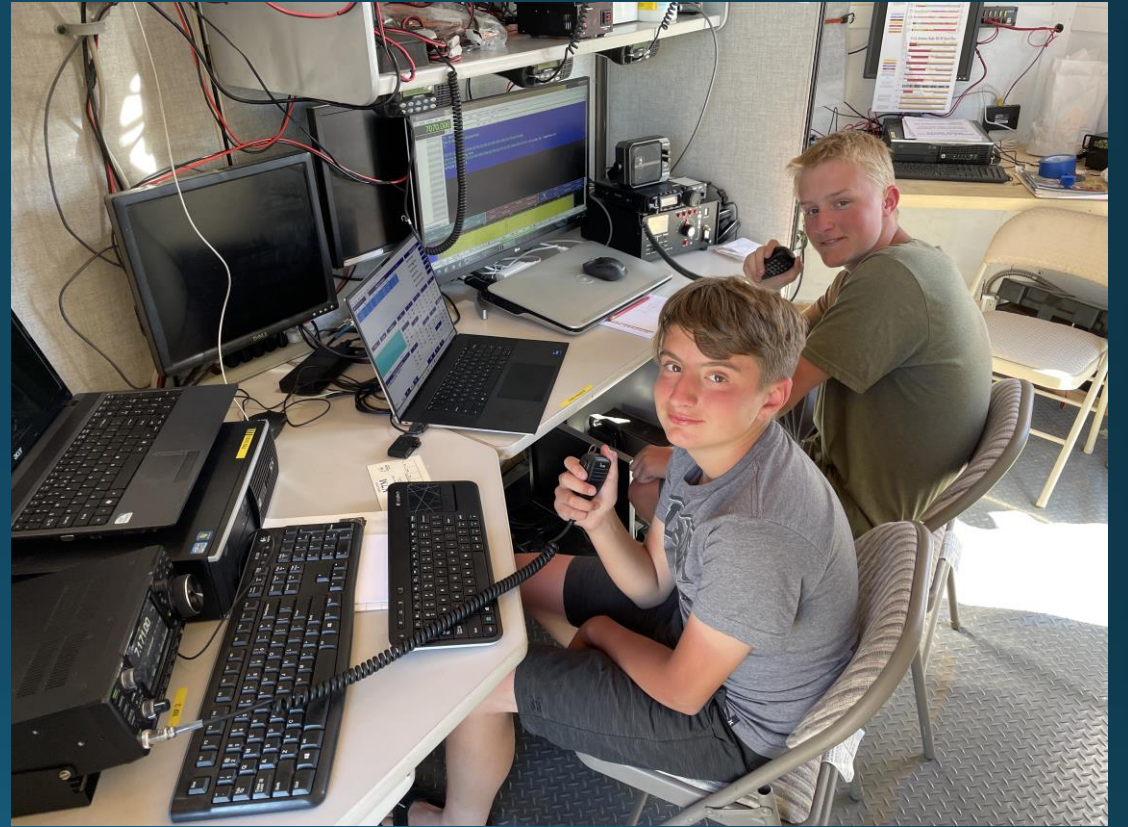
Start/Finish: American Legion Hall

www.4summitchallenge.com









Youth on the Air

community service

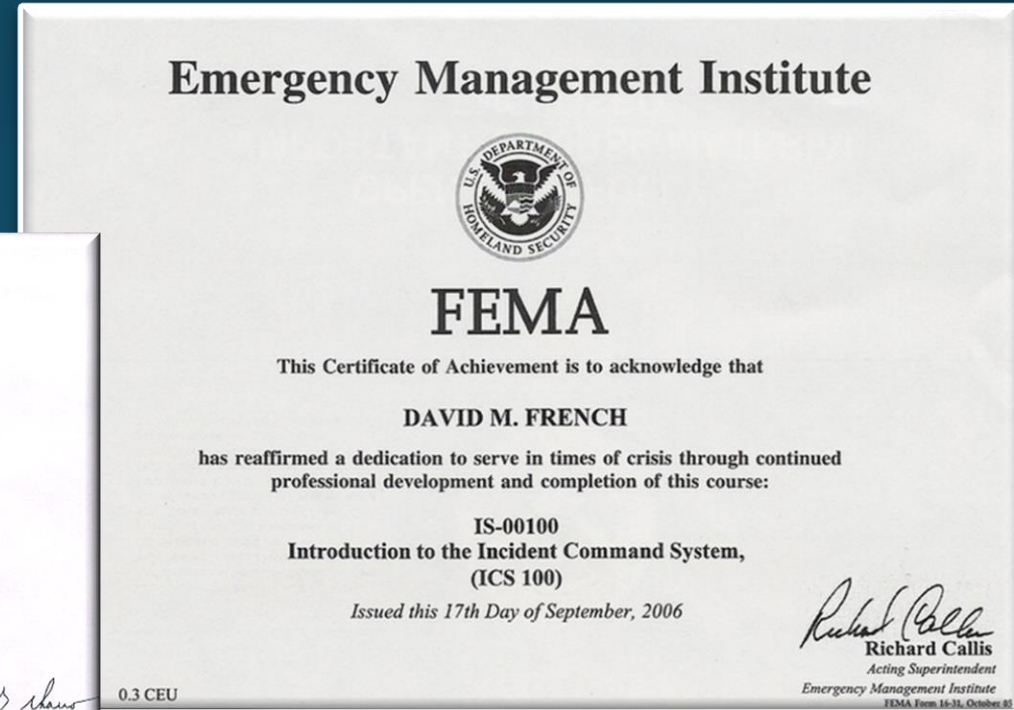


we are ready to serve






many of our members are certified in emergency management communications by FEMA



when everyday communications networks go down




 The American Radio Relay League
RADIOGRAM
 Via Amateur Radio

Number	Precedence	HX	Station of Origin	Check	Place of Origin	Time Filed	Date
704	R	C	N265	14	CHESTER NJ	1830	JUL 2

To:

JOE SMITH KC2XXY
1234 SECOND ST
SUMMIT NJ 07901

Telephone Number: **650-123-4567**

This Radio Message was received at:

Amateur Station _____ Date _____
 Name _____
 Street Address _____
 City, State, Zip _____

THIS	IS	THE	ARRL	RADIOGRAM
FORM	XRAY	DETAIL	TO	FOLLOW
XRAY	HAVE	FUN	73	

0REG SZPUNAR N265

REC'D	From	Date	Time	SENT	To	Date	Time
					Justin AK2US	7/2/03	2112 EDT

A licensed Amateur Radio Operator, whose address is shown above, handled this message free or charge. As such messages are handled solely for the pleasure of operating, a "Ham" operator can accept no compensation. A return message may be filed with the "Ham" delivering this message to you. Further information on Amateur Radio may be obtained from ARRL Headquarters, 225, Main Street, Newington, CT 06111.

The American Radio Relay League, Inc. is the National Membership Society of licensed radio amateurs and the publisher of QST Magazine. One of its functions is promotion of public service communication among Amateur Operators. To that end, The League has organized the National Traffic System for daily nationwide message handling.



ciarc.org

centralidarc@gmail.com



central idaho amateur radio club