

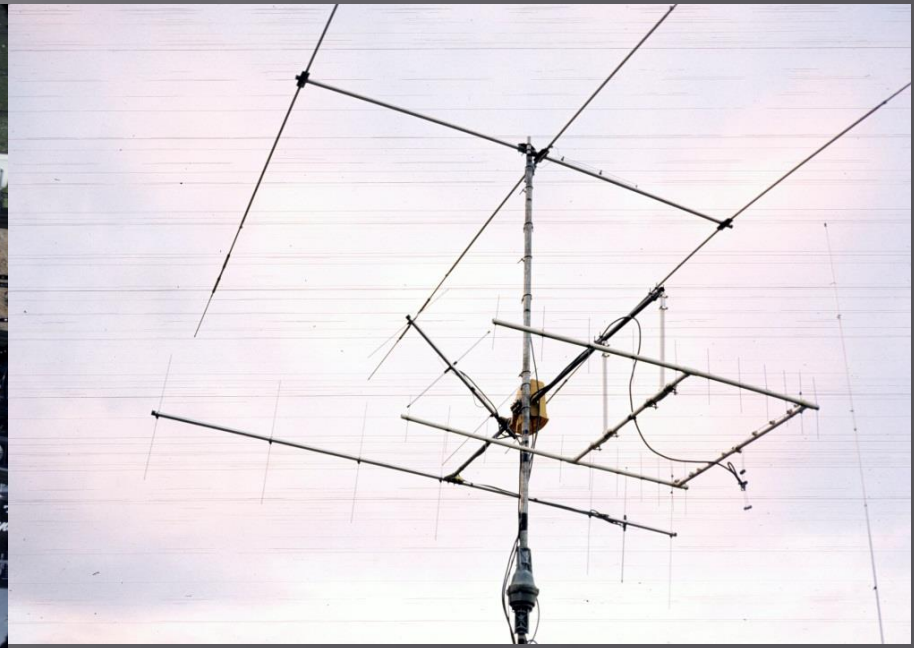
2014 ROCKY MOUNTAIN  
EMCOMM CONFERENCE  
MAY 3, 2014  
SHIRLEY LARSEN, AD7HL

Getting Ladies Involved in  
Emergency Communications and  
Activities

# Shirley Larsen, KH6JGM

FIRST LICENSED JAN 1977  
KH6JGM, KAILUA, HAWAII

VHF/UHF FOR OSCAR 6 & 7  
HF BEAM & 2M BEAM



Satellite, Slow Scan TV, RTTY, and Voice. Made our own satellite UHF antenna from PVC pipe and rods.



# Shirley Larsen, SVØBC

ISLAND OF CRETE SVØBC  
AUGUST 1978-1981

KENT SVØAP, SHIRLEY  
SVØBC AND REBECCA



# Shirley Larsen KH6JGM & AL7HJ

MARQUETTE, MICHIGAN  
KH6JGM/8, SEP 1981-MAR 1985

EAGLE RIVER, ALASKA  
AL7HJ, APR 1985-JULY 1989





# Shirley Larsen AL7HJ

IDITAROD, MARCH 1988  
COMMUNICATION COORD.

NORTHWEST TERRITORIES  
WITH KENT LARSEN AL7HI





# Rebecca Larsen NL7LI (age 12) with Shirley Larsen AL7HJ

ARTIC CIRCLE



YUKON





# Shirley Larsen, AL7HJ/7

REBECCA LARSEN, AGE 5  
LISTENING TO RADIO

MOUNTAIN HOME, ID  
AL7HJ/7, AUG 1989-AUG 1995



# Shirley Larsen, AD7HL

MENDON, UTAH  
AUGUST 1995-PRESENT

AD7HK AND AD7HL  
CURRENT STATION





# Shirley Larsen, Awards

2011 ARRL Rocky Mountain Division Ham of the Year

2010 BARC President's Leadership Award

DX Century Club #10,916 (DXCC)

Worked all States (WAS)

Worked all Zones #2149 (WAZ)

Worked all Continents (WAC)

Rag Chewers Club (RCC)

The Arabian Knights Award #425 and

The Silver Award #120 signed by JY1, King of Jordan

# 2011 ARRL Rocky Mountain Division Convention Taos, NM

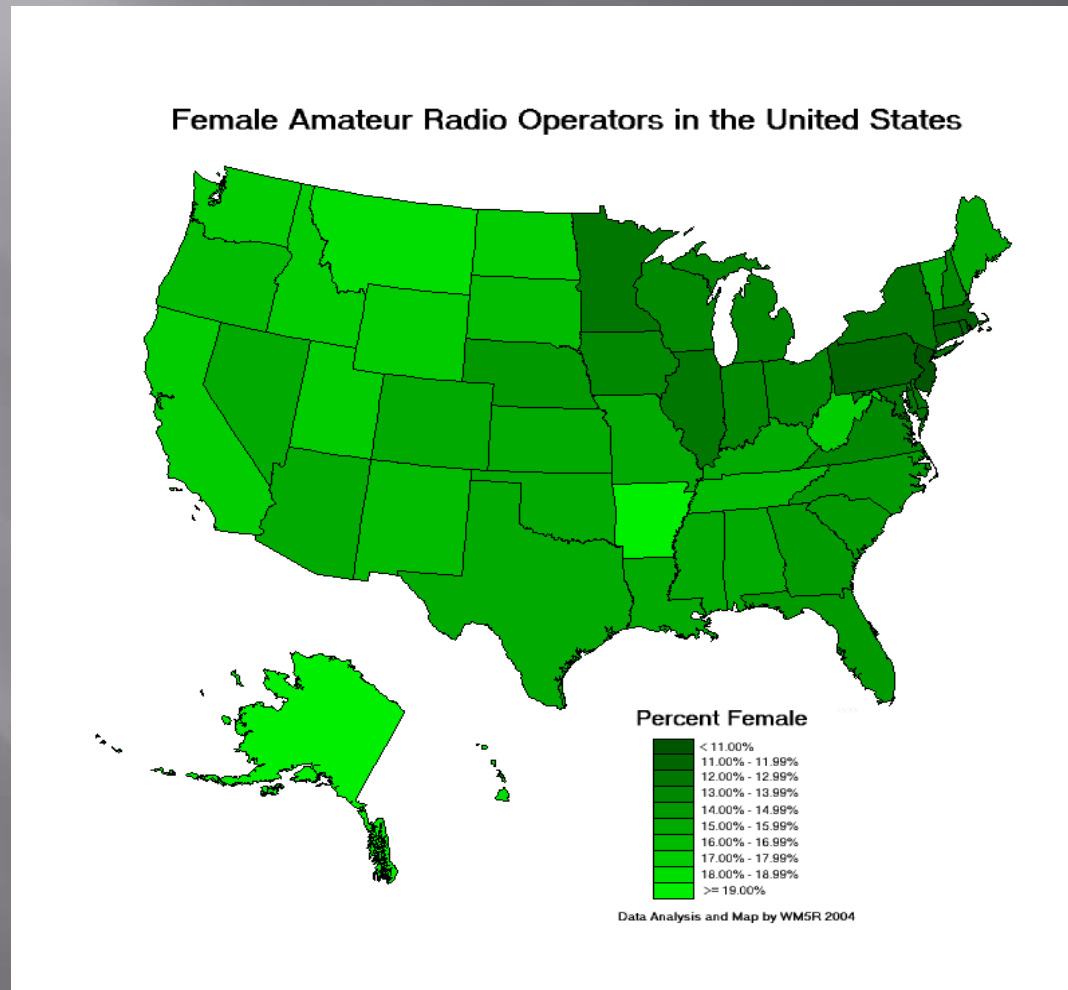
SHIRLEY LARSEN AD7HL WITH  
ANNA VEAL WØANT, HAM RADIO  
OPERATORS OF THE YEAR 2011

RECEIVING 2011 HAM RADIO OPERATOR  
OF THE YEAR AWARD WITH BRIAN  
N5ZGT ON RIGHT AND DWAYNE WY7FD





# 2004 Female Amateur Radio Operators in the United States



Kaye Craigie, N3KN  
15<sup>th</sup> ARRL President  
Licensed since Dec 1982





# Why Ladies become Amateur Radio Operators

1. Emergency preparedness
2. Communication where cell phones don't work (canyons, etc.)
3. A family member or friend is an amateur radio operator
4. Contact family who don't live in the local area
5. Around ham radio since a child – start them young
6. Enjoy radio (started listening to short wave or other)
7. Enjoy latest gizmos, electronics and technical items
8. Fun hobby – meet others with common interests
9. Radio where work (schools, hospitals, etc.)
10. Radios are a resource in emergencies to know what is happening in the area

# Why Should Ladies be Part of EmComm Teams

1. When ladies are well prepared they become an asset and not a burden.
2. Stay at home ladies are invaluable because they are in the community when the disaster happens. (Can open buildings for shelters, know the neighborhood families, timely reporting of conditions and needs, etc.)
3. Ladies are sensitive to situations men may not see – needs of families, emotional distress, children needs, etc.
4. Ladies are great communicators and are involved in their communities.
5. Ladies can be instrumental in teaching children what to do in emergencies.
6. Ladies will know how to handle emergencies situations better if they have been trained in emergency communications.
7. Ladies can be part of the needed strong teams in the local communities where they live and volunteer together.
8. To know what to do when disasters strike when local authorities don't respond because they are victims and taking care of their families or they are not in the area.
9. Ladies can help obtain accurate & vital information for the community instead of relying on rumors.



# Encourage Ladies to become Active Amateur Radio Operators

1. Have amateur radio classes including lady teachers and mentors (Elmer's).
2. Encourage ladies to become volunteer examiners.
3. Have ladies as officers in the ham radio club.
4. Plan activities that include rather than exclude.
5. Ladies' net and encourage to check into other nets as they get experience.
6. Encourage ladies to attend field day, stay over night, and have activities that will interest them.
7. Encourage ladies to help with service events (bicycle races, fair, Boy Scouts, etc.) Have them partnered with someone to show them the ropes.
8. Mentor nights for all new ham radio operators — have lady mentors available.
9. Hidden transmitter hunts (bunny hunts).
10. Participate in ARES and RACES to have hands-on opportunities to learn.
11. Teach them some of the digital modes which don't require them to talk.
12. Use of radio in emergency preparedness — ladies may be the only ones home.
13. Invite to club activities and club parties — have something for their interests.
14. Spotlight ladies in club newsletter.
15. Potluck dinners to get acquainted with other ladies.

# Bridgerland Amateur Radio Club

## Ladies' Group started 2010

1. BARC Ladies' Net 2<sup>nd</sup> and 4<sup>th</sup> Tuesdays at 8:00 p.m. on local repeater.
2. Encourage to participate in the BARC net every Tuesday at 9:00 p.m.
3. Learning to be net control of BARC and BARC Ladies' Nets.
4. Teaching training topics on BARC and BARC Ladies' Nets.
5. Using the repeaters to contact each other during the week to chat.
6. Potluck dinner to meet each other and form friendships with other ladies.
7. Field trips to visit various EOCs, etc.
8. Matching name tags for each lady amateur.
9. Ladies only amateur radio classes.
10. Amateur radio classes with some lady teachers, presenters, and mentors.
11. Participation in BARC service events — Bicycle & foot races, county fair, etc.
12. Inclusion in ARES and RACES exercises, nets, and meetings.
13. BARC meetings with subjects to include ladies' interests (surveyed).
14. Field Day ladies only ham radio projects (2014 will be our fifth year).
15. Spotlights of ladies in BARC monthly newsletter.
16. Mentor nights with some lady mentors. Help in programming radios, etc.
17. Experienced/ Active Lady Ham Radio Coordinator for ladies to contact.
18. Work contests from the BARC Ham Radio Shack at USU.
19. Attending Ham Radio Conventions together.



# Field Day 2009

## Enjoying Radio & Nature



Left: Shirley Larsen AD7HL as control operator for Carolyn Fullmer who got her license after this field day. Her husband, Boyd Fullmer KF7BOY, observing.

Right: BARC members and children enjoying nature after a great potluck dinner.



# Field Day 2010

## Making J-Pole Antennas



Left: Shirley Larsen AD7HL showing the BARC Ladies' Group how to solder.

Right: Testing their J-Pole Antennas with the Antenna Analyzer. Beanie KJ7LQ, Carolyn KF7GSO, Colleen KF7BPB, Amy KD7DWV, Shirley AD7HL, and Cindy KI6WYB shown in photo.



# Field Day 2010

## Learning to Solder



Left: Cindy O'Brien KI6WYB, Carolyn Fullmer KF7GSO and Colleen Blanke KF7BPB learning to solder for the first time.

Right: Beanie Lofthouse KJ7LQ and Brandy Ensign N7TRJ finishing their J-Pole Antennas.

# Field Day 2011

## Anderson Power Pole Connectors



Left: Shirley Larsen AD7HL showing the ladies' group how to do Anderson Power Pole Connectors for their power cables.

Right: Half of the 14 ladies working on their battery cables. Shown are l-r Virginia KE7EIZ, Amy KD7DWV, Beanie KJ7LQ, Colleen KF7BPB, Dianne KF7OWB, Beryl KE7TRF, Jeanette KF7GSR and Shirley AD7HL.



# Field Day 2011

## Having Fun



Left: Shirley Larsen AD7HL and Beanie Lofthouse KJ7LQ relieved to have field day dinner responsibilities over and wearing their matching jackets.

Right: Amy Simmons KD7DWV and Beanie Lofthouse KJ7LQ on HF radio.

# Field Day 2012

## Swan Flats



Left: Swan Flats campsite with Cache County Sheriff's Incident Command Trailer. Nine different antennas were raised for this event. We were 5A Utah.

Right: Melissa Roberts, age 10, with her father Gary AG1T. Melissa got her amateur radio license in 2013 and is now N7MKR .



# Field Day 2012

## Ladies' Group Power Connectors



Left: BARC Ladies' Group making their 12V power connectors lead by Shirley Larsen. L-R: Janiece Sloan KF7GSQ, Joan Elder KF7GXF, Shirley Larsen AD7HL, Linda Barnes KF7TDH and Laurie Littledike KF7DKM.

Right: Beryl Dattage KE7TRF and Amy Simmons KD7DWV working on their Anderson Power Pole Connectors.



# Field Day 2012

## Ladies' Group Power Connectors



Left: BARC Ladies' Group making 12V power connectors. L-R: Mrs. Williams (visitor), Carolyn Fullmer KF7GSO, Beryl Dattage KE7TRF, Amy Simmons KD7DWV, Joan Elder KF7GXF, Shirley Larsen AD7HL, Janiece Sloan KF7GSQ and Linda Barnes KF7TDW (newest licensed member)

Right: Various Power Connections and J-Pole Antenna the Ladies' Group has made the last four years.



# Field Day 2012

## Building an HF Antenna



Ted McArthur AC7II taught us how to make a 20/40 meter antenna out of wire. Hoisting it up to test are Ted McArthur AC7II, Kent Larsen AD7HK, Roger Ellis AE7HB and Shirley Larsen AD7HL in front of our motorhome.



# 2012 Field Day Video by Kevin Reeve, N7RXE





# Field Day 2013

## Larsen's Beam Antenna



# Field Day 2013

## Ladies' Group Emergency Binders

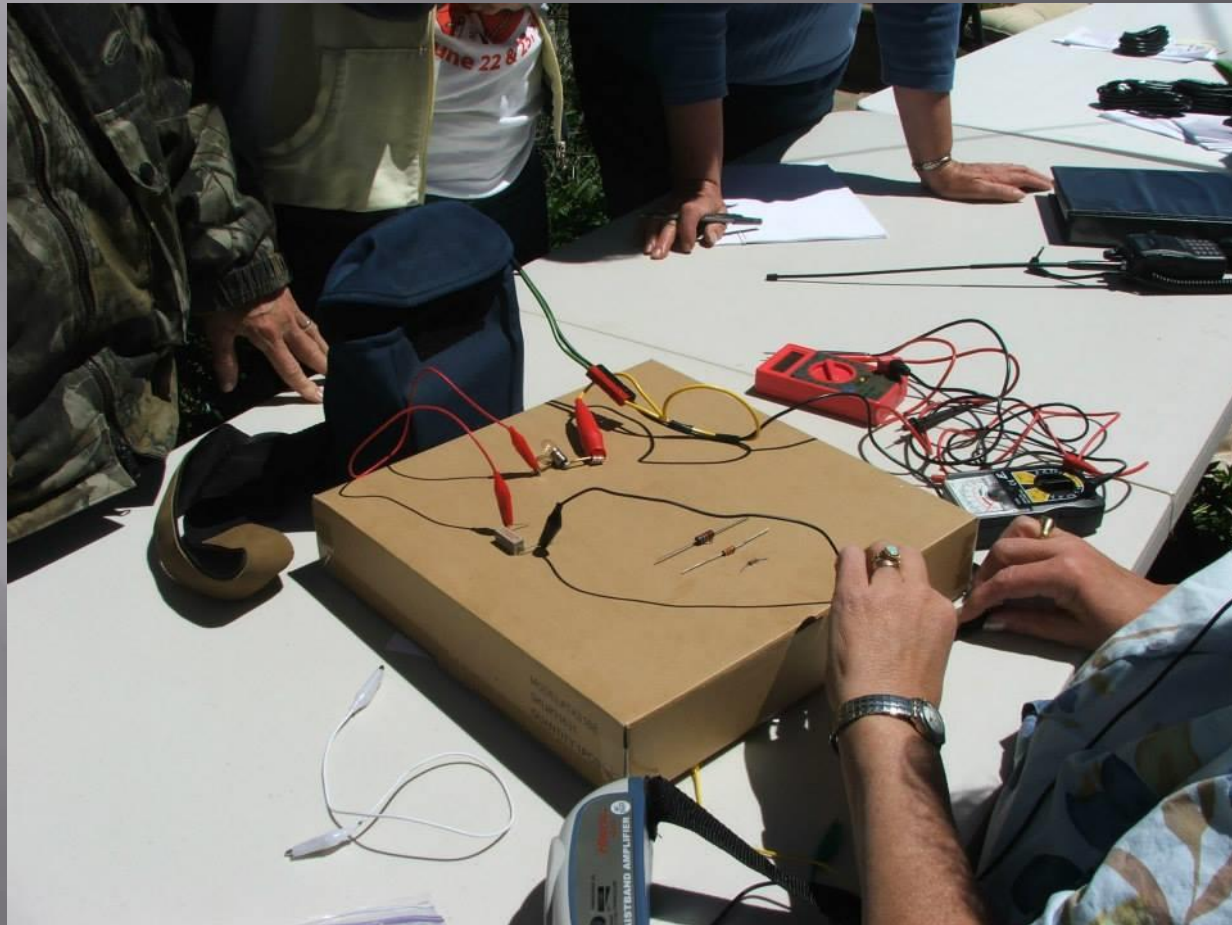


Shirley AD7HL leads the discussion on items needed in emergency communication binders. Beanie KJ7LQ, Beryl KE7TRF, Linda KF7TDH, Jen KG7EAH, Carolyn KF7GSO and six other ladies were present for the BARC Ladies Group Project.



# Field Day 2013

## Using Multimeters to Measure Different Circuit Components



# Field Day 2013



Laurie Littledike KF7DKM on HF.



Ladies' group members socializing before dinner.



# Help Cache County Floods 2011 & 2012



Left: Cache Valley, Utah, 18 April 2011



Right: Mendon, Utah, 21 January 2012

# Great Utah Shake Out Exercise April 2012



Left: Roger Ellis AE7HB, Shirley Larsen AD7HL & Kent Larsen AD7HK in Mendon's motorhome EOC. Using packet and voice to transmit messages to Cache Co. EOC.

Right: Judy Crocket USU Emergency Manager, along with Steve Murphy KE7WAQ and Bob Wood WA7MXZ at Utah Stake University EOC radio room in Logan, UT.



# Utah Shake Out Exercise April 2012



Left: Laurie Littledike, KF7DKM Wilson-Cliffside 2 Command.

Right: Lucille Hadfield, KE7QBQ Wilson-Eastridge Command.

# Little Red Riding Hood 100 Mile Bicycle Ride, June 2012



Left: Shirley Larsen AD7HL checking into net control before reporting to Mendon Station Feed Zone 6 at 8:00 a.m.

Right: Cordell Smart KE7IK (Pres. Of BARC) with Boyd Fullmer KF7BOY and Carolyn Fullmer KF7GSO in Lewiston, Idaho Feed Zone 1 before race started.



# Bear 100 Race



Laurie Littledike KF7DKM and Theo Thomson K7TWT checking in runners for start of race at 5 a.m.

# LOTOJA Bicycle Race 2010



Left: Bonnie AE7RE & Paul Hoth N1IM, Rosario KE7MDV & Roger Ellis AE7HB and Dale Cox KB7UPW at Neutral Wheel Support Tent, Jackson, WY.

Right: Joan Fullmer N7OLZ and Mike Fullmer KZ7O volunteer with LOTOJA each year to provide neutral wheel, mechanic, and medical support for the 206 mile one-day race at 25 mph.



# LOTOJA Bike Race 2013



Left: Beryl Dattage KE7TRF and Spencer Dattage KE7TAS at LOTOJA Feedzone 2

Right: Bonnie Hoth AE7RE, Debbie & Dave Leikis KG7EW, Val Campbell KE7QHT, Rick Blair KF7WHX, Roland Blanke, KF7BPC, Colleen Blanke KF7BPB, Boyd Fullmer KF7BOY, Carolyn Fullmer KF7GSO, Kelly Hansen KF7TDP and Jeanette Campbell KF7GSR at the LOTOJA Awards' Ceremony in Jackson, Wyoming.

# Youth Activity 2013

## Building Antennas & Bunny Hunt



Austin Reeve KE7OAU led the young hams' activity of building tape antennas to use in the bunny hunt that day at the park. L-R Laurie Reeve, Austin Reeve KE7OAU, Melissa Roberts N7MKR, Dallin Roberts N1DTR, Riley Wheelwright KG7AFN and his sister.



# What Can You Do?



Austin Reeve KE7OAU (Age 15) June 2010  
With the BARC Communications Banner