

About The Story

Volume 6 of "The Adventures of Zack and Max" takes us on a journey with HF amateur radio. Zack, Max and Mady, along with their family and friends, take a weekend road trip and have their own mini DXpedition. This means that they went to a nearby yet remote location (Orcas Island, one of Washington State's San Juan Islands), and while camping tried to make as many world wide contacts as possible. They discover that HF is a way to contact the whole world, and that one does not need to spend a lot of money or go to the ends of the earth to have fun with ham radio DXing.



The writers agree: Ham radio is fun!

Once again, the writers are students from the Lake Washington Ham Club (K7LWH) at Ben Franklin Elementary School in Kirkland, Washington. Under the leadership of Mr. Dave Condon (KI7YP), the students set out to learn about the world of HF. All of them have earned their Technician licences and there is a growing number of General licences. The students drew upon their own experiences camping in the Northwest, as well as making friends with other amateur radio enthusiasts from around the area, and from around the world. Pictured above is Dave and some of the writers of this volume in his classroom surrounded by the previous stories he has guided and helped to develop.

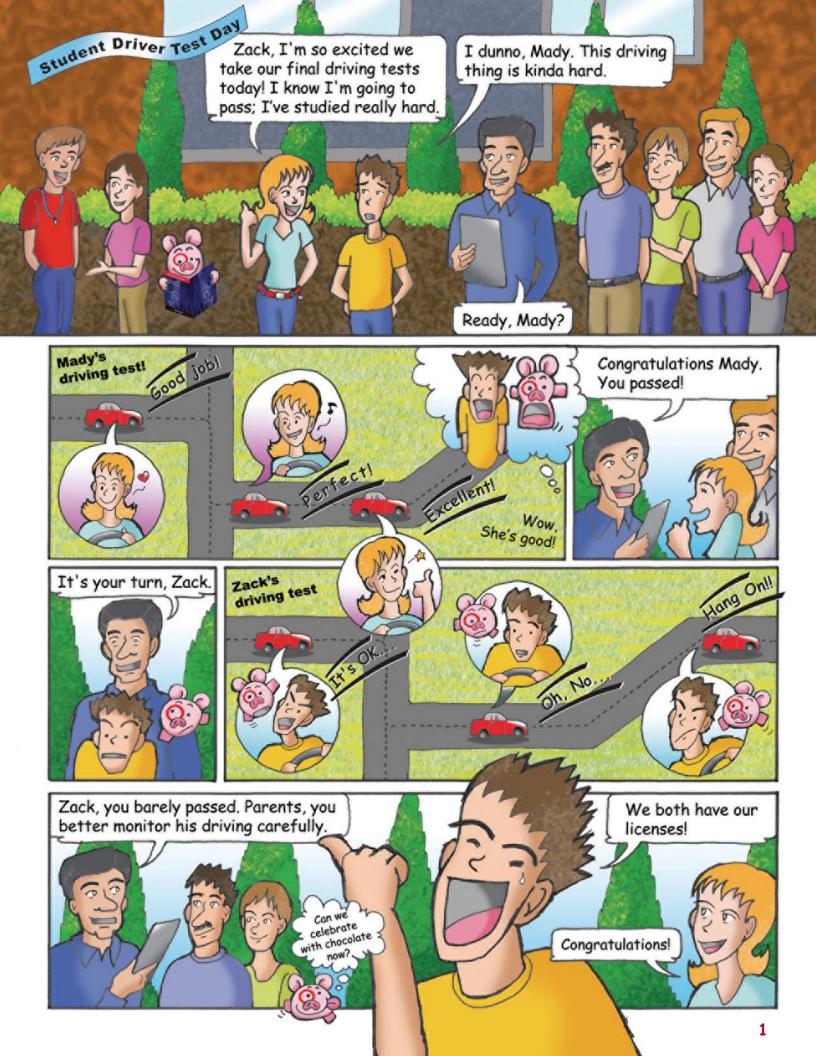
We would like to extend a special thank you to Dave Condon and acknowledge the help and guidance he has given the Lake Washington Ham Club and the students at Ben Franklin Elementary. He has helped hundreds of families pass their Technician and General tests and has created a strong ham club devoted to the promotion of ham radio with kids of all ages. He has been a major force behind the creation of the past 5 comic books for Icom America. With his help, the students have learned all aspects of amateur radio, as well as the importance communication plays in times of emergency, in international goodwill, and teamwork. Icom America truly appreciates the energy he has consistently shown with these projects. The picture below shows Dave's writing team joined by some of this year's crop of new hams who have just passed their Technician tests. This year Dave will be retiring from Lake Washington School district, but not from his position in the ham club. He will continue to promote and inspire the young ham in all of us!

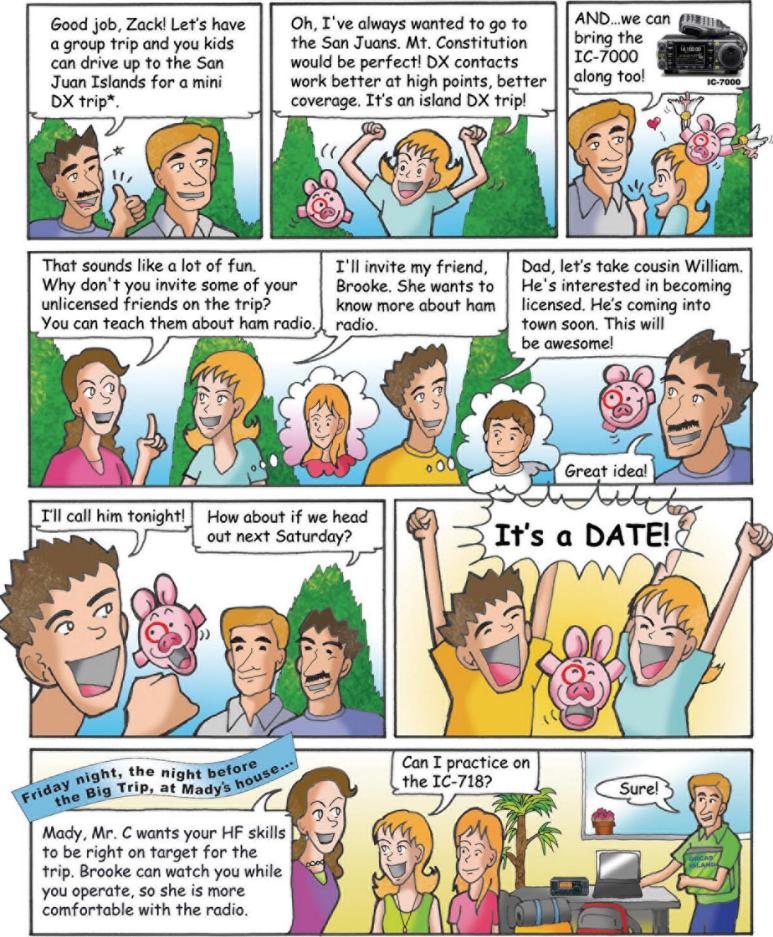
This edition of the comic book was made possible by a team of writers led by elected student editor Rachel Roberts (KE7HQQ). and assisted by writers Christa Hoskins (KE7HVF), William Clawson, (KE7MJT), Helen Simicek (KE7MIE), Alka Pai (KE7NDB) and Tian-Ai Aldridge (KE7MIV). Many parents and members of the Lake Washington Ham Club supported the project through encouragement and assistance. Icom America would like to acknowledge Mr. Royce Roberts (KE7HQP) who helped to edit the final text, and Cathy Corley who provided pictures of Mt. Constitution. We would also like to thank the members of Islands On The Air (IOTA) for giving us permission to reference their site, providing us with excellent information. We would also like to thank all of our international and local friends who allowed us to share their amateur radio experiences in the comic book story. It is our hope that this story will inspire amateur radio enthusiasts of all levels to get out and enjoy using a handheld, mobile or HF rig and explore the world of DXing!



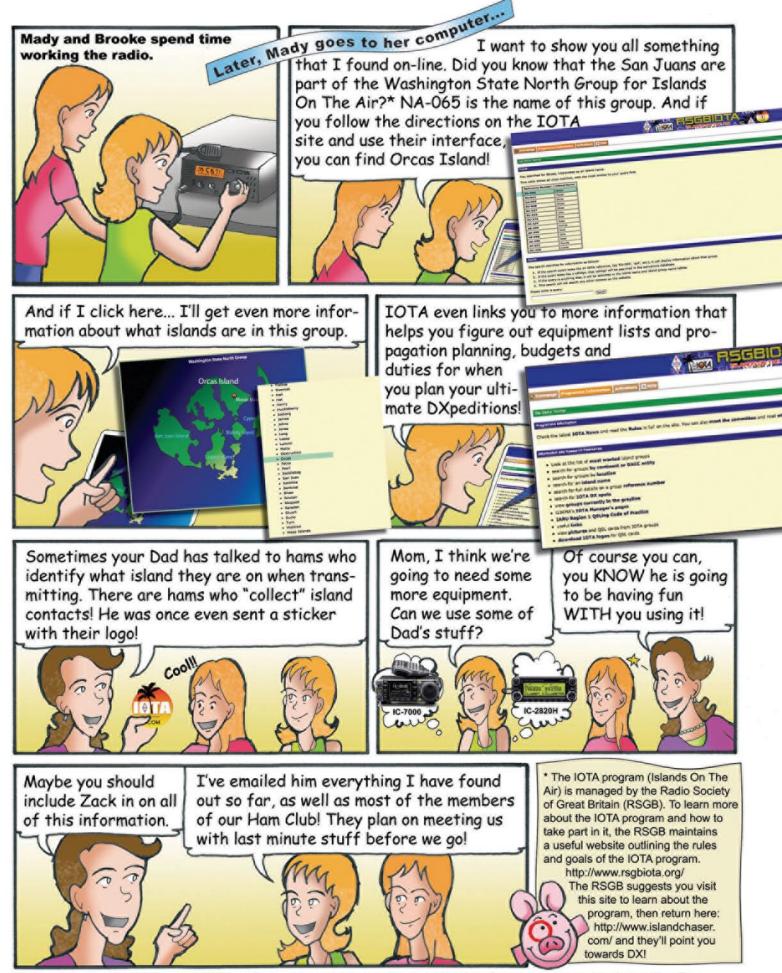
Max, Mr. Condon and friends

Kayoko Nakajima, professional cartoonist and illustrator, has created another splendid piece. Ray Novak (N9JA), Maureen Blomgren (KD7QDZ), and Dave Kruzic (KC7SFN) of lcom America not only produced and sponsored but also underwrote the publication.





*Their "mini-DX trip" is an attempt to go to an out-of-the-way area and extend the range and ability of their radios and make as many contacts with distant stations as possible. DX is an abbreviation for "distant station" or "signal from a distant station." When setting up a DXpedition that will transmit from an area that is usually not on the air, one needs to request from the FCC a special event or one time callsign. Smaller trips do not require one. For more information see ARRL Operating Manual, 9th Edition, 6-1.



*A DXpedition is when you go to and transmit from an area that is usually not on the air, or has no amateur radio designation. One needs to request from the FCC a special event, one time callsign, for DXpeditions that are larger and far away. This DXpedition is a smaller trip to an out-of-the-way area and does not require a special event callsign.





ZACK! William will be here in the morning! I hope you're getting ready!

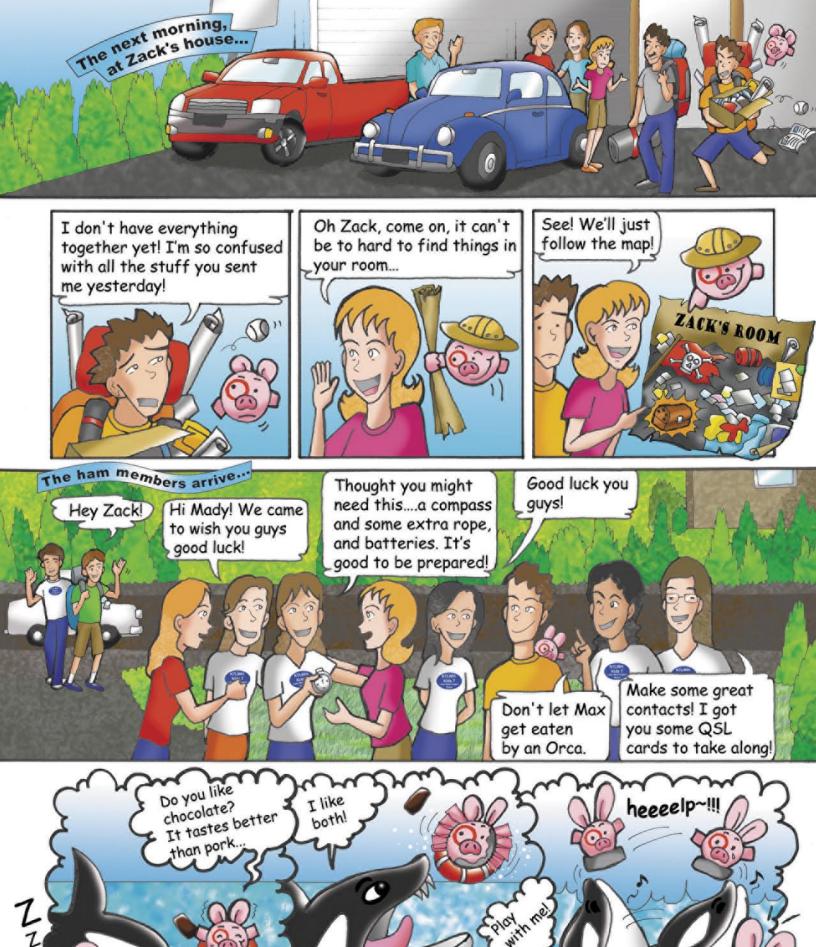








HUGH?! Oh! Go! Go! Go!





Mady, I noticed the word "digital" on the screen of your radio. Why would someone want to talk digital mode instead of analog mode?



You can get more people on the air without increasing amateur radio's spectrum. It's like taking this highway we're on and adding more lanes so that even more cars can fit!

Dad, tell Mady we're approaching the ferry boat launch, and that we're going to have to standby.



KE7EBJ, we're going to stand by, this is KC7SFN. We're entering Anacortes now.



Analog Freeway



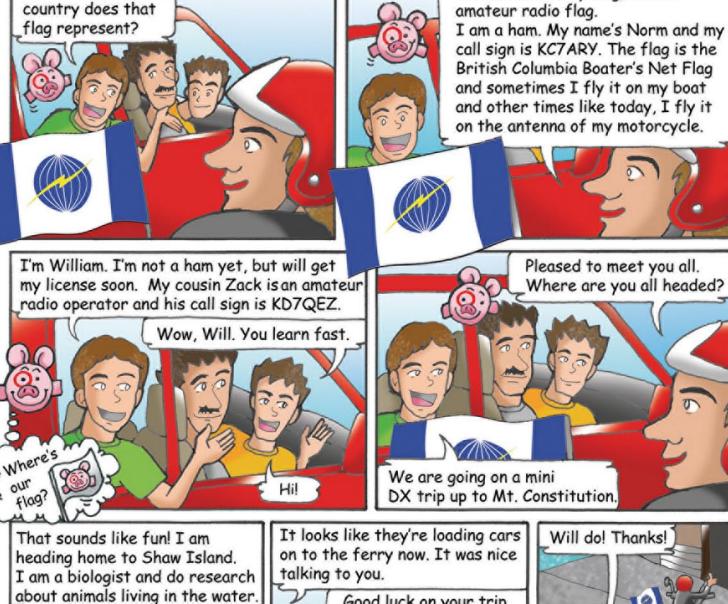


If we used names instead of call signs, everyone would get confused! So we use easy to remember call signs. This way, nobody gets confused.

KC7SFN, standing by.



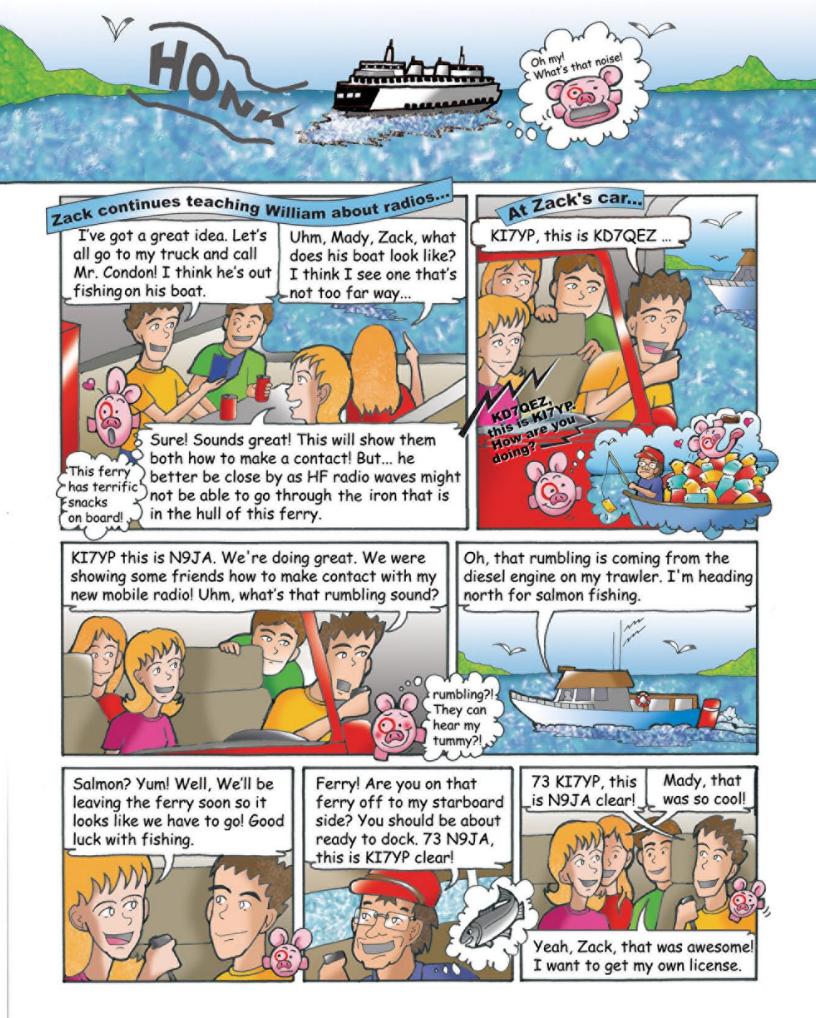


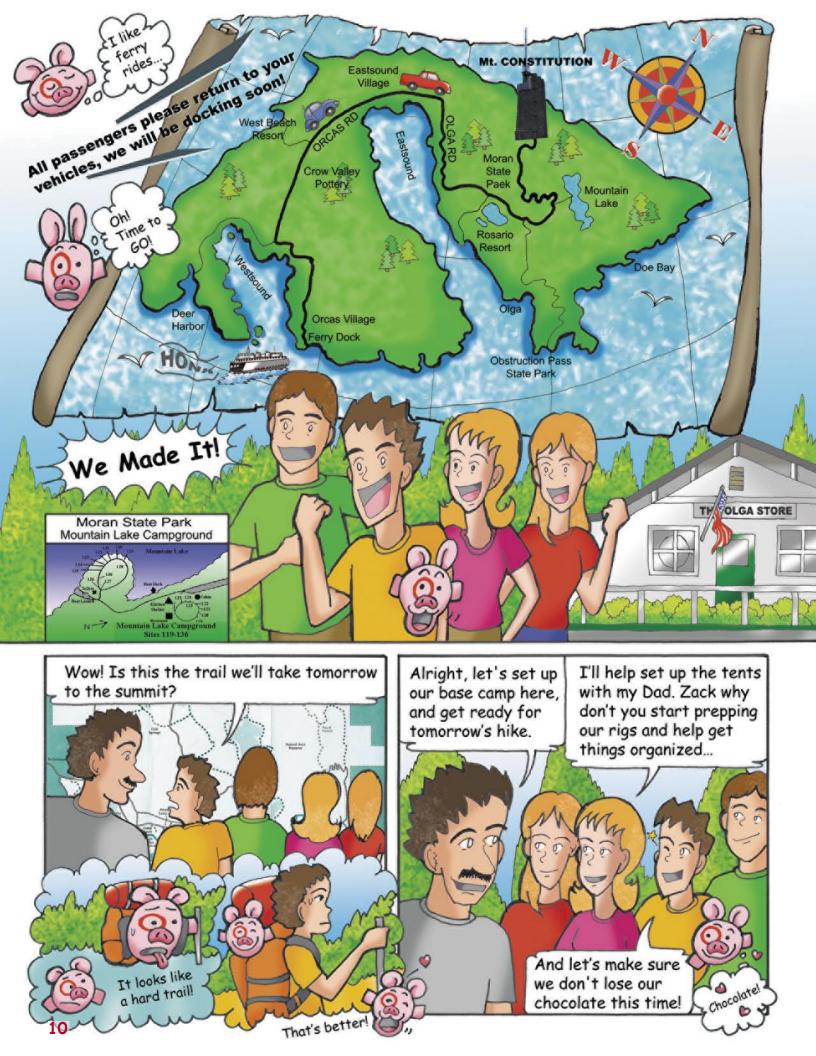














Does everyone have water, and their other 10 essentials?* Are we ready to go?





Mady, I have been wondering what CQ means. I've been hearing you guys say it a lot.



I'm glad you asked. CQ means "calling all stations" and inviting others to join a conversation or start one with you. Let's get to the top of that mountain so we can get set up and make some contacts!

Whew! What a climb! What a view! Hey Zack, here's a nice large area with picnic tables. Let's take a break, have some lunch and then get set up!

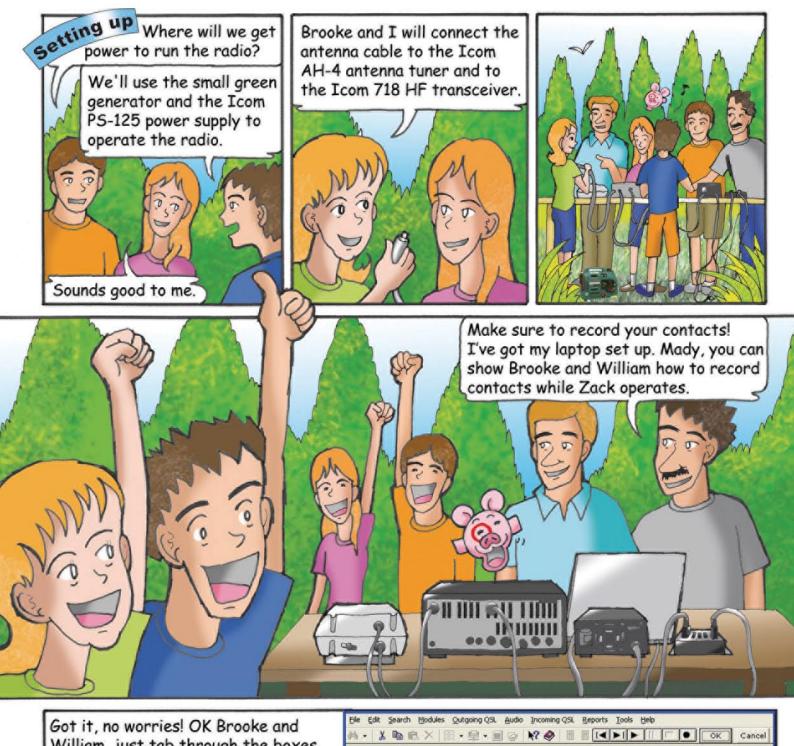


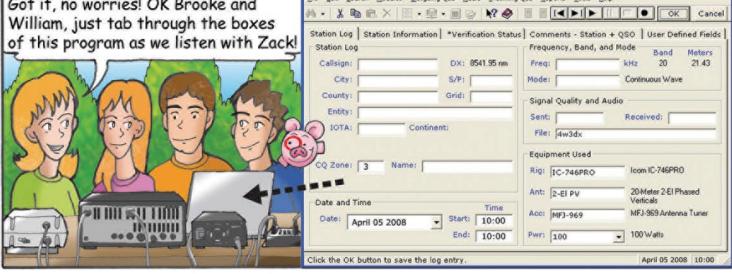
This is such a beautiful spot! Look at that old stone tower! Zack, I had no idea there would be so many antenna towers and pieces of commercial radio gear equipment here.

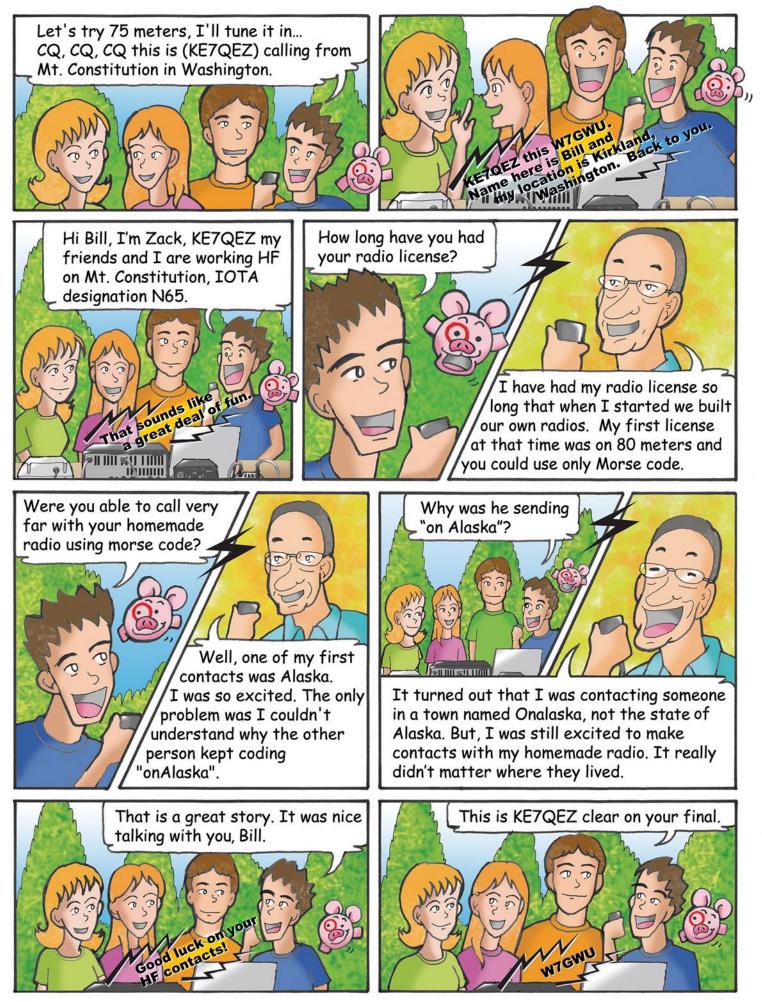


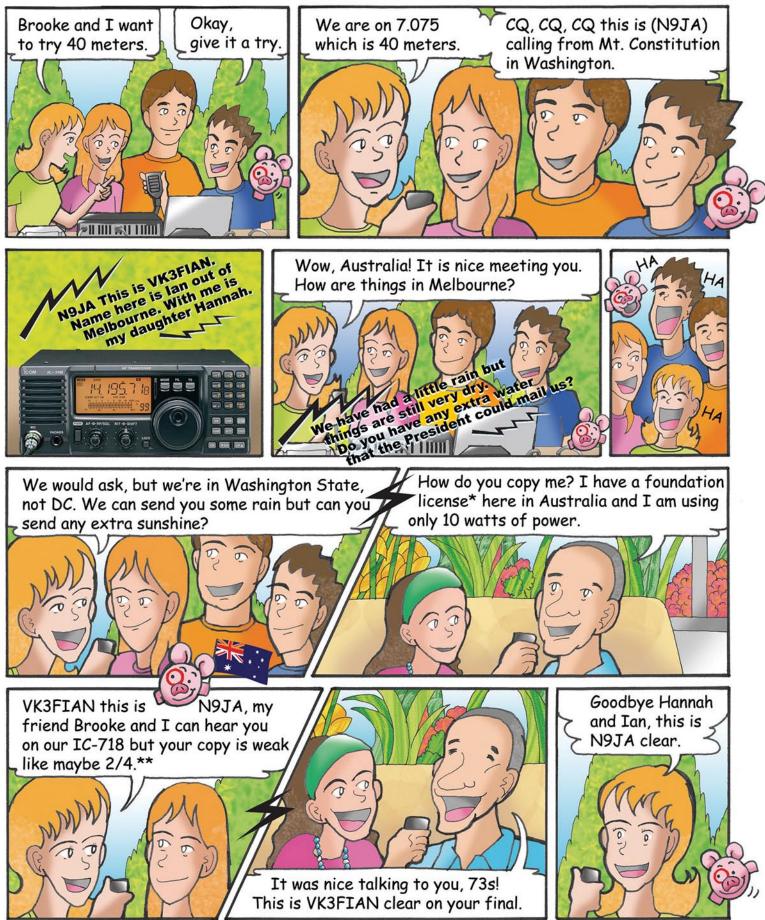
Mt. Constitution is 2050 feet higher than anything else around with the salt water of Georgia Strait below, it is a fabulous ground plane for DX HF radio.

*Ten essentials for backpacking are: 1. map, 2. compass (optionally supplemented with GPS reciever), 3. water and a way to purify it, 4. sunglasses and sunscreen, 5. extra food and water, 6. extra clothes, 7. headlamp or flashlight, 8. first aid kit, 9. fire starter, and matches, 10. knife. Taken from The Mountaineers, a Seattle-based organization for climbers and outdoor adventures.



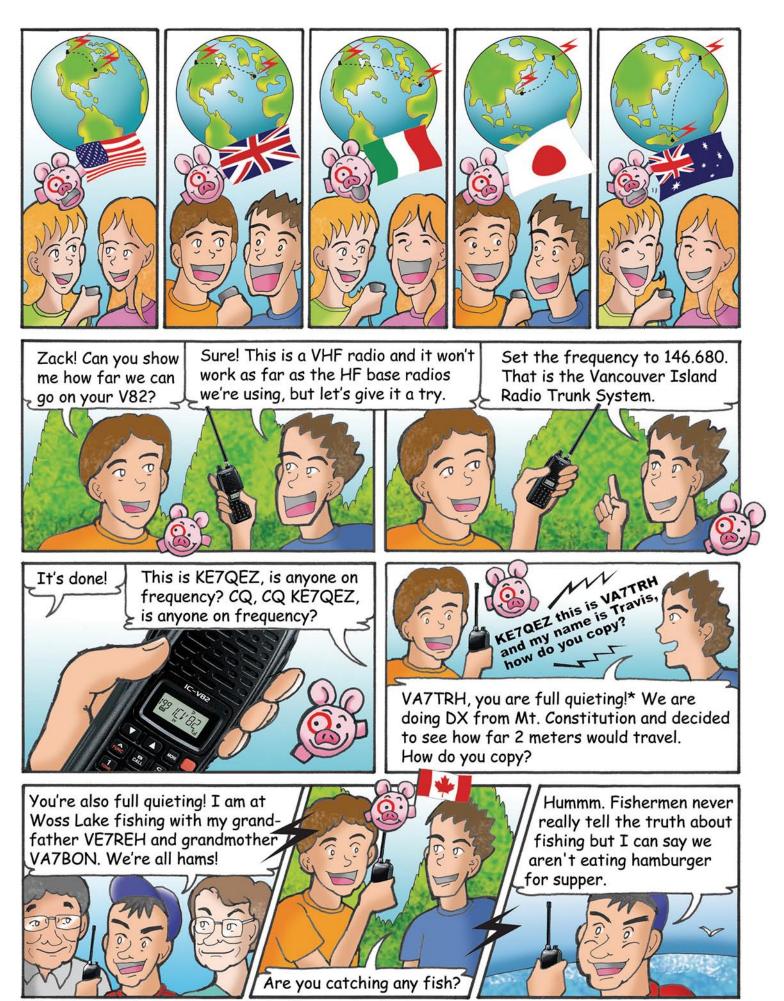




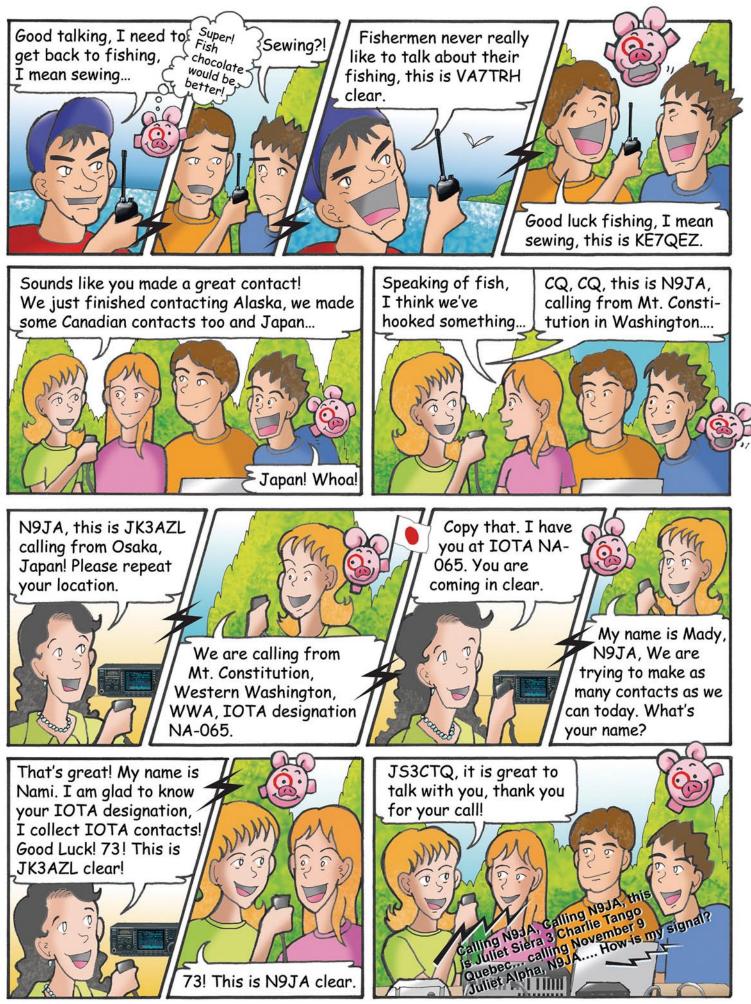


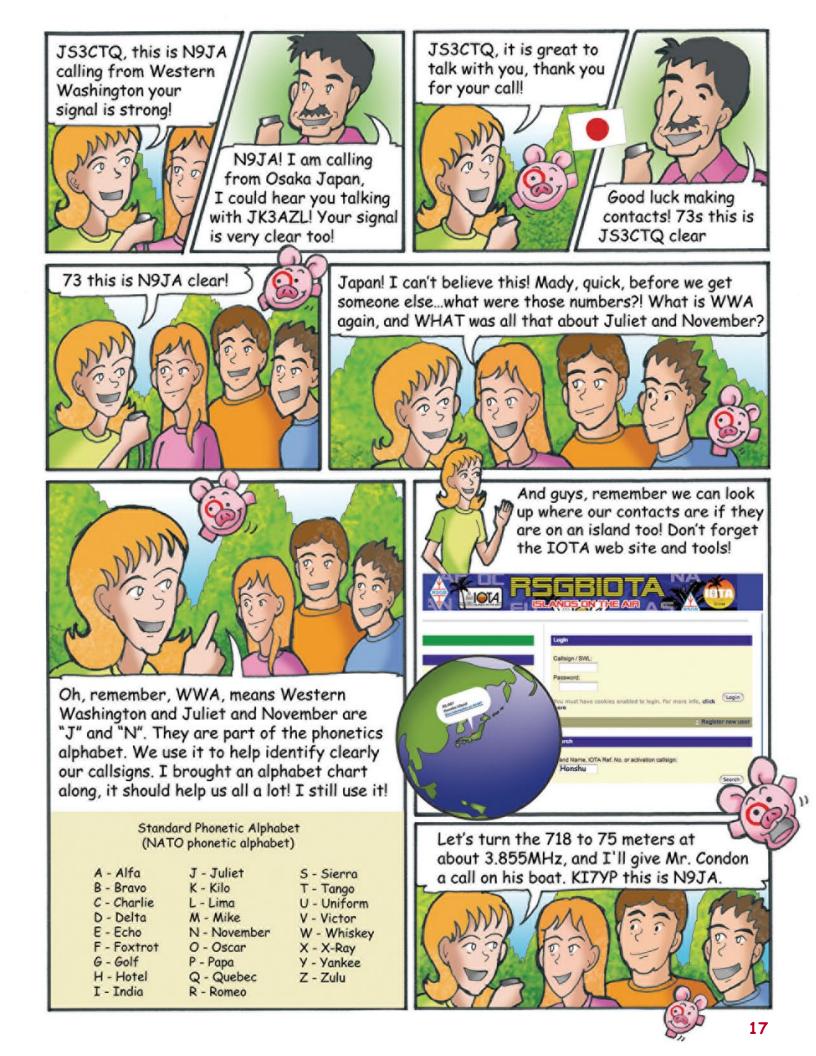
* A foundation license is a beginner's license in Australia. For more information on Amateur Radio in Australia see: http://www.wia.org.au/foundation/

**A signal report is an evaluation of the transmitting station's signal and reception quality. Signal ratings are Signal Strength (0-5) over Distortion (0-9). The best signal rating to be 5/9. A signal report of 2/4 means that it is a weak signal with a fair amount of distortion.

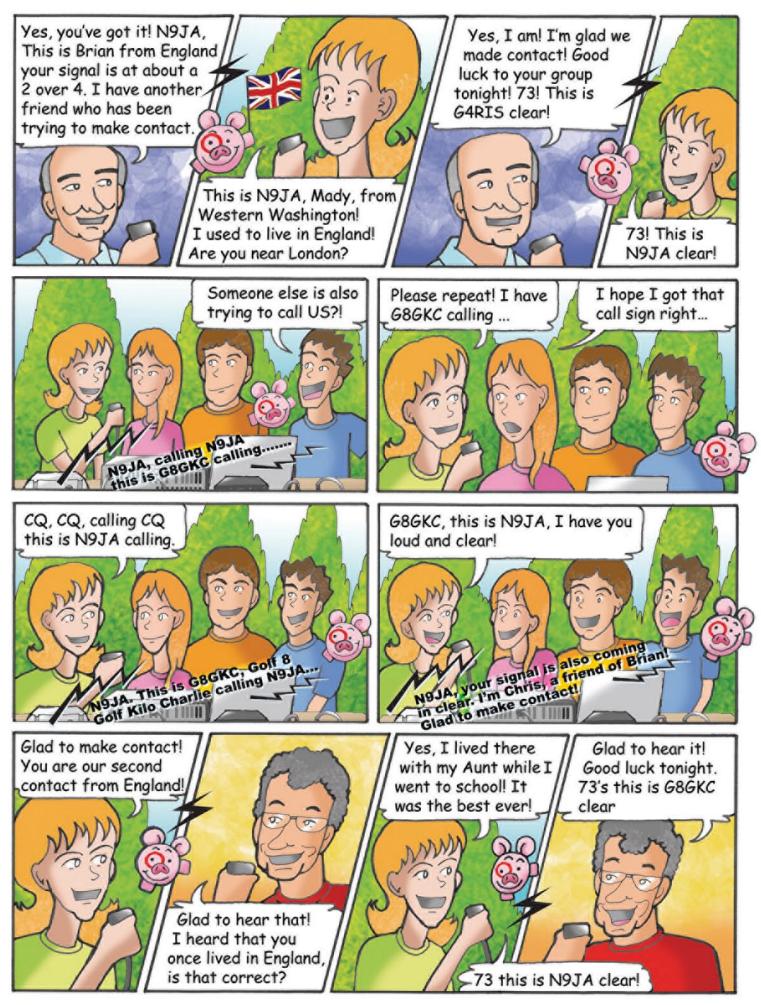


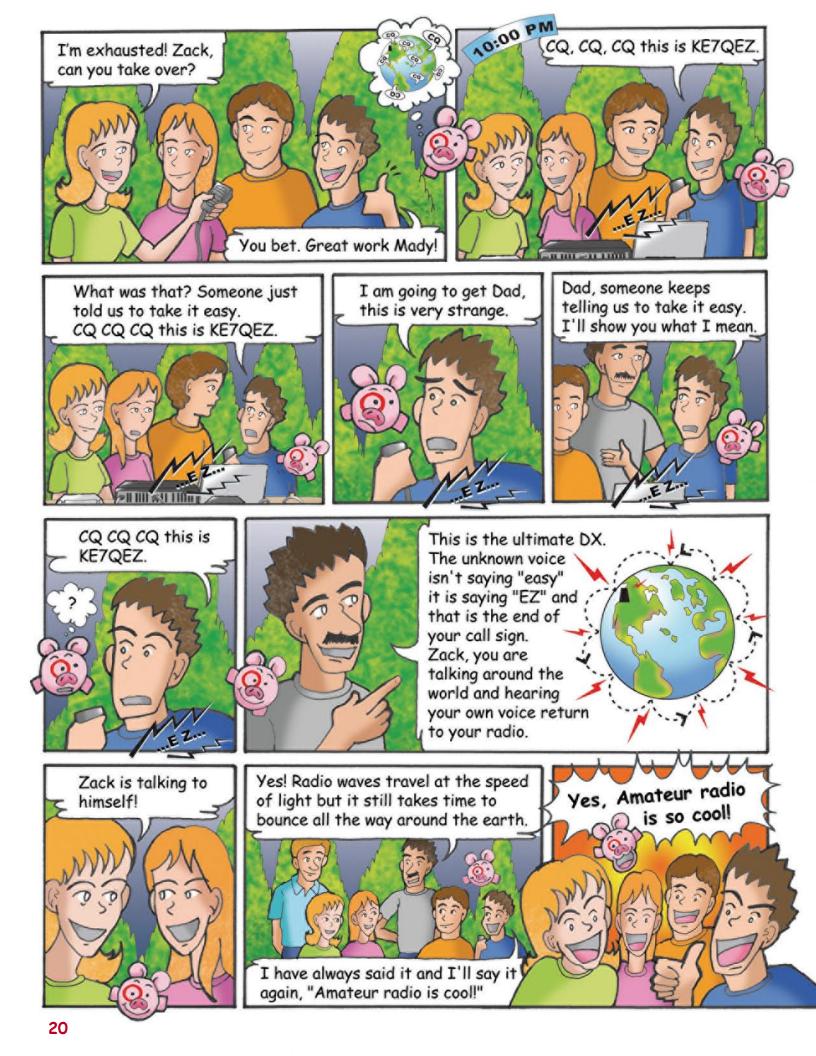
*Full quieting means there's no background noise. It is a very clear signal.



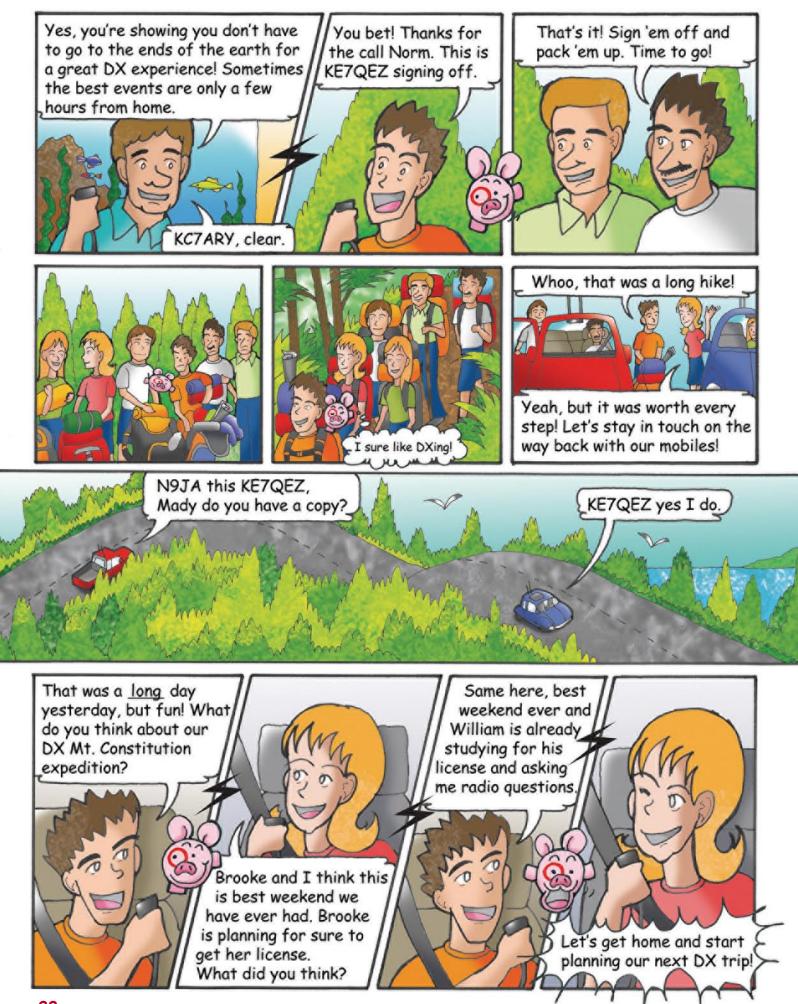














A snap shot gallery of real DXpeditions with real DX'ers.



ZL8R: 40,000+ QS0s in just over a week....

DX'ing the way it should be. For the love of ham radio.





BS7H: 45,000+ QSOs in just over a week....





