



## Spokane DX Association

K7SDX - Spokane, Washington  
PO Box 28882 - zip 99228



### **SDXA - 05 august 2011**

the meeting was called to order by our president WA1PMA, Wayne, at 19:00 local time.

**secretary's report** by WA0WWW, jay W, minutes for july are on the web page. K7OX motioned to approve, WV7Y 2<sup>nd</sup>; motion passed.

**treasurer's report** by K7GS, Gary. we brought in \$50 (dues) and had some expenses for a net gain of about \$17. N5AR motioned to approve, K7OX 2<sup>nd</sup>; motion passed.

**VP's report** by WX7B, Chris, introduced our special quest

#### old business:

- the NAQP RTTY contest with SDXA1, SDXA2 and SDXA3 teams was considered an outstanding success. we will consider more of these in the future. (the secretary being a member of SDXA3 who came in last, will only say, we had one less person... ..; hey no big deal it was a blast and fun!!!)
- WA1PMA asked for a motion to approve the proposed published updates to the club's constitution and bylaws; W57I motioned, K7AWB 2<sup>nd</sup>, then discussion.
  - 2 questions were asked for some clarification on how the constitution approached the DXCC membership and non-DXCC membership and the wording around them and was some of meant to be saying SDXA. the 2<sup>nd</sup> question is why the 2 levels of membership and we discussed about the history of the club is for the encouragement of the DXCC, yet all should be able to vote which is a big change this time around. both questions looked to be answered okay.
  - the vote was made and was passed unanimously.
  - K7KB will post on the website and WA0WWW will record in the club's files accordingly.
- PNWDX convention 2013 - by us in Spokane
  - need to give some direction to those going to the PNWDX convention in a few weeks, as the PCNWDX club officers get together and will be asking us if we are on for 2013.
  - even though some interest by SDXA membership to help out, no one has volunteered to chair. with recent discussions and no chair, the club's direction to WX7B who will be at the convention is that SDXA would like to pass and not host the 2013 PCNWDX convention.
  - there was a discussion that the EWA DX association out of the tri-cities might be interested to help out and maybe we can help them. open topic yet.
- are we interested to contribute \$1000 and buy a tent/station at the 2014 WRTC in MA?
  - WX7B will poll the other DX clubs at the convention and see if there is interest to split the \$1000 tent sponsorship. if not all 4 or 5 want to chip in we might have to consider putting in a little more, so tbd and we would discuss later.
  - W0CG, Geoff will give a quick presentation at an upcoming meeting what this is all about.
- we discussed about a possible club dinner the evening of the Spokane Hamfest. after some discussion we will pass on that this year.
- not discussed but to keep in the minutes for reference, for the december banquet, it will be at the Long Horn in Airway Heights (WA0WWW has reserved the Long Horn for 01dec11 at 18:00 local, again 18:00 local, to start.)

#### New business:

- we welcomed a new member tonight, N7CXI, Jim Barber, welcome Jim.
- had a discussion on the SDXA google group email list. first is a reminder to all that this email list is 'not' the club's email list, it is an independent list. with that not all members are on the list and there are many/many folks on the list that are not members. in fact there are some international folks on the list also. so we need to remember this when sending out email on it. and last just recently the admin of the list was transferred to WA1PMA.

### DX and contesting:

- the basic list of the DXpeditions in the top 100 wanted

rank	start	stop	entity	call	qsl	info
1	Jul23	Aug10	Southern Sudan	ST0R	EA5RM	By N6PSE + multinational team
102	Aug01	Aug17	American Samoa	KH8	WA8LOW Direct	By WA8LOW + others as WA8LOW/KH8 + others; 160-6m; CW SSB RTTY PSK; yagis on 40-6m, verticals on 160 and 80m; high power

- see below for a listing of more DX coming up

- contest coming up this month:

#### Sept 2011

North American Sprint, CW 0000Z-0400Z, Sep 11  
ARRL September VHF QSO Party 1800Z, Sep 10 to 0300Z, Sep 12  
+ Washington State Salmon Run 1600Z, Sep 17 to 0700Z, Sep 18 and 1600Z-2400Z, Sep 18  
+ CQ Worldwide DX Contest, RTTY 0000Z, Sep 24 to 2400Z, Sep 25

#### Oct 2011

+ California QSO Party 1600Z, Oct 1 to 2200Z, Oct 2  
+ North American Sprint, RTTY 0000Z-0400Z, Oct 9  
+ CQ Worldwide DX Contest, SSB 0000Z, Oct 29 to 2400Z, Oct 30

- see below for a listing of more contests coming:

### program:

- tonight was our 2<sup>nd</sup> special night in 2 months, with a guest speaker, K6EI, Jim Peterson, who was in town. The theme of the presentation was on how to get on the air and have fun on 160 meters. and more importantly how to disregard many of the myths out there about Top Band. It also covered Top Band propagation and antennas. Jim typically runs QRP and works several of SDXA members each December during the ARRL 160 contest. Thanks much Jim!

### next month:

- next month's meeting will on 01september at the Argonne Library on Argonne and Up River Drive in the valley ( 4322 N. Argonne Road in the Spokane valley.)
  - o program is \_tbd\_.
- respectfully submitted by wa0www, jay, secretary.
- at the Argonne Library on Argonne and Up River Drive in the valley ( 4322 N. Argonne Road in the Spokane valley.)
- at the North Spokane Library - 44 E. Hawthorne Road, up north at the 'Y'.

### my sketchy notes from the 160m presentation.

- 160m is not HF (3-30MHz), it is actually MF (0.3-3MHz)
- need to know the propagation to do DX, unlike 20m when you pretty much just get on.
- low noise receive antenna will help a lot, unlike the other bands.
  - o receiving loop that is 5 to 6' in diameter, needs to be adjustable as very narrow in bandwidth
  - o beverage, that only needs to be 5 to 10' off the ground, but needs to be a full wavelength long. it is directional
- not all countries have the full band, and some have very limited spectrum. be sure you know these. that said, 1830 to 1835 is the normal DX window.
- you want  $k < 2$  for the best 160m dx
- there is a 20-40min window at sunrise gray line
- spring and fall can be better than mid-winter, due to D-layer absorption
- north-south paths are better at times than east-west due to the electron gyro frequency. get a map of the world for seeing this.
- late night / early morning is much better than late evening. it takes time for the D layer absorption to decrease.
- PropLab is only propagation program for <3MHz (MF) it is extremely difficult to use.
- horz dipole < 1/10 wavelength off the ground not so good.
- verts < 1/4 wavelength are not so good (very poor efficiency)
- when using the MFJ 259 antenna analyzer, you may need to filter out the AM broadcast, it can cover your readings.

- <http://www.qsl.net/km9z/lowband.htm>
- <http://www.kn4lf.com/kn4lf8.htm> (QRZ looks to have a touch on who this is.)
- <http://www.telusplanet.net/public/telwest/ve6lb.htm>
- <http://solar.spacew.com/cq/cqmar98.pdf>

guests at the meeting - 3

call name:  
 KB7JPX Diane  
 K6EI Jim Peterson Sunnyvale, CA  
 N7CXI Jim Barber Spokane, now a member

regular members present: 22

note: 2011: 48 members/3 honorary/27dx/18non-dx (2010:42/24)

call	name		'x' if present	call	name		'x' if present
AC7GP	Bob	Meenach		N7AU	Robert	Lee	xx
AC7MV	David	Snyder	xx	N7CXI	Jim	Barber	xx
AD7XG	Gary	Bytnar		N7GTW	Vern	Anderson	xx
AE7GT	Marybeth	Snyder	xx	N7KR	Mike	Stephens	xx
AE7KI/VK2APG	Gerry	Rosam	xx	N7VQH	Chris	Coats	
AL7LB	Gimmie	Morgan		NE7F	Barnet	Jim	HLM
JA3CZY	Elvin	Miura	HLM	W0CG	Geoff	Howard	
K7AWB	Steve	Sala	xx	W3AS	Doug	Brede	xx
K7EFX	Brackemyre	John	HLM	W6AEA	George	Tuncil	
K7EIQ	Merle	Trenary	xx	W7BHP	Dick	Snell	
K7EKM	Kirk	Mohror	pp xx	W7GSV	Robert	Rosie	
K7GS	Gary	Swartout	treas xx	W7MEM	Mark	McMillian	
K7HPT	Mark	Van Winkle	xx	W7PEG	Peggy	Sala	
K7HRT	Patrick	O'Dea	xx	W7YEM	Warren	Triebwasser	
K7KB	John	Gager	web xx	WA0WWW	jay w	holcomb	sec xx
K7OX	Gary	Elliott	xx	WA1PMA	Wayne	Millican	prez xx
K7TQ	Randy	Foltz		WA7LT	LeMar	Ray	
KD7GHZ	Michael	Carey		WS7I	Jay	Townsend	xx
KD7KCW	Dennis	Henrichs		WU7X	Dale	Avery	
KD7OCT	Loren	Kirsch		WV7Y	Betsy	Townsend	xx
KE7KPO	Carl	Maki	xx	WW7CA	Cynthia	Frees	
KW7J	Harvey	Brown		WW7DD	Jim	Frees	
N2HS	Lynn	Minor		WX7B	Chris	Pritchard	vp xx
N5AR	Dan	Hearn	xx	WX7P	Wilse	Morgan	

other contest calendar, and some are part of the Pacific NW challenge trophy.

<http://www.hornucopia.com/contestcal/index.html>

Pacific NW Challenge Trophy contests :

- + CQ Worldwide DX Contest, RTTY #1 - 0000Z, Sep 24 to 2400Z, Sep 25
- + CQ Worldwide DX Contest, SSB #2 - 0000Z, Oct 29 to 2400Z, Oct 30
- + CQ Worldwide DX Contest, CW #3 - 0000Z, Nov 26 to 2400Z, Nov 27
- + ARRL RTTY Roundup #4 - 1800Z, Jan 7 to 2400Z, Jan 8
- + CQ WW RTTY WPX Contest #5 - 0000Z, Feb 11 to 2400Z, Feb 12
- + ARRL Inter. DX Contest, CW #6 - 0000Z, Feb 18 to 2400Z, Feb 19
- + ARRL Inter. DX Contest, SSB #7 - 0000Z, Mar 3 to 2400Z, Mar 4
- + CQ WW WPX Contest, SSB #8 - 0000Z, Mar 24 to 2400Z, Mar 25
- + CQ WW WPX Contest, CW #9 - 0000Z, May 26 to 2400Z, May 27
- + IARU HF World Championship #10 - 1200Z, Jul 14 to 1200Z, Jul 15

1. NW DX challenge trophy contests: CQWW RTTY; CQWW SSB; CQWW CW; ARRL RTTY ROUNDUP; WPX RTTY; ARRL DX CW; ARRL DX SSB; WPX SSB; WPX CW; IARU. please send your claimed scores to K7AWB, Steve at [k7awb@msn.com](mailto:k7awb@msn.com)
2. for all CQ contests send your claimed score to W3AS; [doug.brede@gmail.com](mailto:doug.brede@gmail.com)
3. to help keep the super check partial files complete consider to cc [k5zd@contesting.com](mailto:k5zd@contesting.com) when you submit your Cabrillo logs.

other DX coming up: <http://www.ng3k.com/Misc/adxoc.html>  
 for most wanted: <http://www.clublog.org/mostwanted.php>

Start Date	End Date	DXCC Entity	Call	QSL via	Info
Jul23	Aug06	Corsica	TK1QRP	LotW	By F8BBL fm EU-014; 80-10m; mainly CW, some SSB + digital; QSL also OK via F8BBL, Buro or direct
Aug01	Aug07	Mongolia	JT1LU NEW	JA7LU	By JA7LU fm Ulan Bator; QSL OK via Buro or direct
Aug01	Aug07	Ogasawara	JD1BL	J15RPT	By J15RPT fm Chichijima I (AS-031); 40-6m; CW SSB + digital, also satellite
Jul24	Aug09	Ascension I	ZD8D	DL9HO	By DJ4KW DJ9KH DK1IP DL1CW DL7OR
Aug02	Aug09	Easter Island	CE0Y	LotW	By I2DMI as CE0Y/I2DMI fm SA-001; 80-10m (no 30m); RTTY; QSL also OK via I2DMI, Buro or direct + eQSL
Aug05	Aug10	Belize	V31UB	LotW	By KU5B; 80-6m, perhaps 160m; SSB CW + digital; QRV for NAQP CW; QSL also OK via KU5B
Aug08	Aug11	Gibraltar	ZB2	VA3ITA	By VA3ITA as ZB2/VA3ITA; 6 2m; SSB CW; QSL OK via Buro or direct
Jul23	Aug13	Nicaragua	YN2RP		By NN3RP; 40-10m; CW SSB
Aug05	Aug14	Benin	TY1KS	LotW	By EA3QS IZ4AKS IW3SQY IZ8GCE IT9YVO fm Grand Popo; HF + 6m w/ focus on low bands; QSL also OK via IZ8IYX + OQRS
Jul23	Aug15	Barbados	8P9XC	DF1XC	By DF1XC fm St Philip; HF; holiday style operation; QSL OK via DARC Buro or direct
Aug11	Aug15	Sint Maarten	PJ7	LotW	By AF6WU as PJ7/AF6WU and KJ0DVA as PJ7/KJ0DVA fm NA-105 (WLOTA 0711); mainly 20 17 15m; SSB
Aug09	Aug16	Guernsey	M0M0CV NEW	M0M0CV	By M0M0CV fm EU-114; holiday style operation; QSL OK via Buro or direct
Aug02	Aug20	Bolivia	CP6 NEW	LotW	By DF9GR as CP6/DF9GR fm Santa Cruz; 80-10m; CW SSB PSK RTTY; QSL also OK via DF9GR, Buro or direct + eQSL
Aug13	Aug20	Market Reef	OJ0UR	M0URX	By PD9DX ON8AK ON5UR fm EU-053 (ARLHS MAR-001, TWLHD WLH OJ0-001, WLOTA LH-0542, Admiralty C4472)
Aug08	Aug21	Balearic Is	EA6	LotW	By EA3PT as EA6/EA3PT fm Minorca; 40-10m, focus on 17m; SSB; holiday style operation
Aug07	Aug21	Madeira	CT9 NEW	IK2DUW	By IZ2DPX as CT9/IZ2DPX fm AF-014; HF, perhaps 6m; QSL OK via Buro or direct; fm CR3L station
Aug17	Aug24	East Kiribati	I32JB	I5JHW	By I5JHW fm Christmas I; SSB CW RTTY; holiday style operation
Aug18	Aug25	Sint Maarten	PJ7ROJ	LotW	By JH1ROJ fm NA-105; HF; CW SSB; 500w; HF6V + yagi
Aug19	Aug28	South Cook Is	E51AAO		By ZL1AAO fm Rarotonga (OC-013); holiday style operation
Aug22	Aug30	Turkey	TA4	ON6ZK	By ON6ZK as TA4/ON6ZK; mainly 14.060 MHz, CW; 5w; whip; holiday style operation
Aug27	Sep03	Market Reef	OJ0CC	LotW	By PA3ALK PA3BAG PA2A PA2AM fm EU-053 (ARLHS MAR-001, TWLHD WLH OJ0-001, WFF OHFF-038, WLOTA 0542, JP90nh); HF; SSB CW RTTY PSK; QSL also OK via PA2A, Buro or direct + eQSL
Aug30	Sep06	Luxembourg	LX NEW	PA1AW	By PA3EWP as LX/PA3EWP, PA9JO PA7FM PA1AW likewise; 160-2m; all modes
Sep04	Sep09	Saba & St Eustatius	PJ6 NEW	K5WW	By K9VV as PJ6/K9VV fm Saba I; mainly CW, perhaps SSB; 100w; wires; holiday style operation
Sep01	Sep10	Liechtenstein	HB0 NEW	OK1XD	By OK1XD as HB0/OK1XD; 80-10m; focus on digital; QSL OK direct, but Buro preferred
Sep05	Sep11	Gibraltar	ZB3M	ZB3M Direct	By ZB3M; SES for Gibraltar National Day; see qrz.com for QSL info
Sep02	Sep14	Malta	9H3JN	PB2JJ	By PB2JJ; 80-10m; mainly CW, some SSB