

Radiosport

Jim Lommen KC7QY





What is RADIOSPORT?

Generally considered to include:

- Radio Direction Finding
- High Speed Telegraphy Competition
- Contesting

Contesting

What:

Contact between two stations completing a contest exchange. (QSO or Q's)

Exchange – A defined set of information such as:

- Signal report (always 59 or 599)
- Name
- Location (Zone, S/P/C, ARRL Section, Grid Square, etc.)
- Serial number (sequential starting with 001)
- Others as defined by the contest

Why Contest

- Improve operating skill
- Learn about propagation
- Improve your station
- Work toward awards
- FUN!!!

Contest Types

DX

- Everyone works everyone, or
- Everyone works a single area (country)

National Contests

- ARRL Sweepstakes

QSO Parties

- Typically shorter duration (12 – 24 hours)
- State QP, Club QP,



Objective

For each contest:

- Work as many other stations as you can (Qs)
- Work as many Multipliers as possible (Mults)

Scoring

In general

QSOs X Points X Multipliers

Example;

100 Qs worth 2 points = 200

50 Qs worth 3 points = 150

Multipliers = 60

Score = $(200 + 150) \times 60 = 21,000$

Major Contests

CQ WW DX – Phone, CW (Oct, Nov)

ARRL DX – CW, Phone (Feb, Mar)

CQ WPX – Phone, CW (Mar, May)

IARU HF World Championship (July)

ARRL Sweepstakes CW, Phone (Nov)

NM QSO Party – This weekend!!!

Operating a contest

- Read the rules
- Know the contest exchange
- Set up your logging software (in advance)
- **Log in UTC!!!**
- More BIC time = higher score
- Review and score your log (accuracy counts)
- Submit the Cabrillo log to the sponsors – no log is too small

Operating Classifications

Category:

- Single operator
- Multi-Operator Single Transmitter
- Multi-Op Two transmitters
- Multi-Multi

Sub-Category:

All band (160M – 10M, *NO WARC Bands*)

Single band

WARC Bands

World Administrative Radio Conference 1979 = WARC

Added three new but narrow amateur band segments:

- 30M (10.100 – 10.150 MHz)
- 17M (18.067 – 18.167 MHz)
- 12M (24.890 – 24.990 MHz)

Due to narrow bands and concern about interference to Fixed Service stations contest sponsors agreed to prohibit contest operation in these segments.

Power Classification

- QRP – 5 Watts or less for *ALL* QSOs
- Low Power – 150 to 200 Watts (depending on the contest)
- High Power – to legal limit

Assisted?

Assisted class means the operator has used some form of external information to operate during the contest.

Basically this means if you used a spotting network of any kind to find other stations you are in the “Assisted” category.

DXSUMMIT BY RADIO X ARCALA

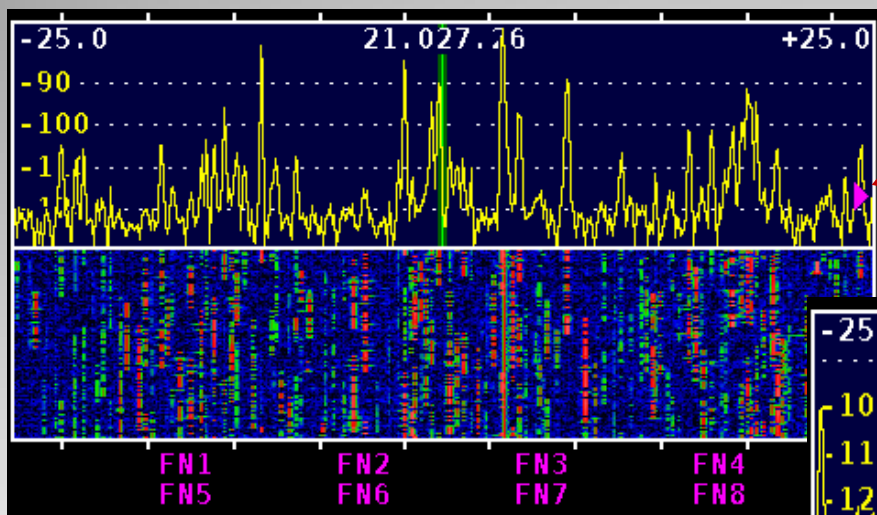
NEWS DX SPOTS **BAND SPOTS** ANNOUNCEMENTS SEND SPOT SEARCH FORUM DONATE RADIO ARCALA

[137kHz](#) [472kHz](#) [1.8MHz](#) [3.5MHz](#) [5MHz](#) [7MHz](#) [10MHz](#) [14MHz](#) [18MHz](#) [21MHz](#) [24MHz](#) [28MHz](#) [50MHz](#) [70MHz](#) [144MHz](#)
[220MHz](#) [430MHz](#) [1.2GHz](#) [2.3GHz](#) [3.4GHz](#) [5.6GHz](#) [10GHz](#) [24GHz](#) [47GHz](#) [Beacon](#) [Digital](#) [IOTA](#) [ORP](#) [Satellite](#) [Mobile](#)

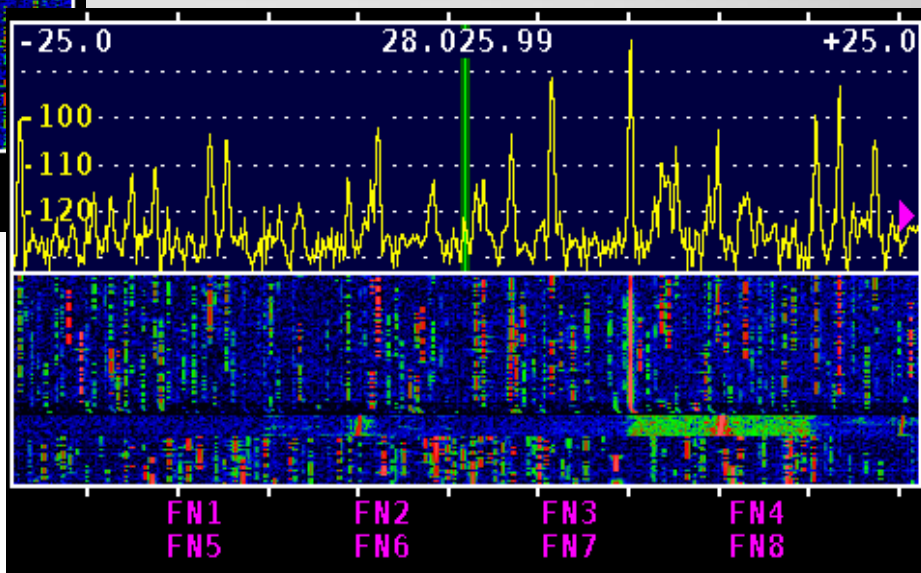
▶ LAST DX SPOTS ON 28MHZ - RELOADED EVERY 3 MINUTES

DH5AR	28330.0	LU4XPE		1819 07 Apr	Argentina
EA1AST	28031.0	W1AW/7		1819 07 Apr	United States
KR4RO	28495.0	EA6AM	Vincente 59 in NC	1819 07 Apr	Balearic Islands
MODAZ-@	28450.0	FM4NB	5/9	1817 07 Apr	Martinique
K7G8E	28405.0	KP2/AG1LE		1817 07 Apr	US Virgin Island
UT5ERP	28021.1	ZP6CW	tnx	1816 07 Apr	Paraguay
ON7NDR	28021.0	ZP6CW	qd lck 599	1815 07 Apr	Paraguay
G0UIH-@	28310.0	SJ0X	EU 5-15up 5/9+ tnx 73	1815 07 Apr	San Andres &
AB2DE	28524.8	P00ARI	Op Arie Cq Dx	1814 07 Apr	Netherlands
K8WHA	28080.0	TG9AHM		1814 07 Apr	Guatemala
XE1SEK	28450.0	FM4NB	59 in Puebla, Mexico	1812 07 Apr	Martinique
HC5AI	28459.0	FM4NB	tnx	1811 07 Apr	Martinique
SQ2SIN	28330.0	LU4XPE	59 :)	1811 07 Apr	Argentina
W3LPL	28021.1	ZP6CW	Heard in MA	1810 07 Apr	Paraguay
G48KO	28449.9	FM4NB	tnx 73	1810 07 Apr	Martinique
OH2LZC-@	28405.0	KP2/AG1LE	Kiitos kusosta Mauri	1810 07 Apr	US Virgin Island
UR4MH-@	28007.8	FG8NY	JEAN tnx	1810 07 Apr	Guadeloupe
W3LPL	28017.0	ZP6CW	Heard in NC	1808 07 Apr	Paraguay
IW3RUA	28488.0	W1AW/3	PA	1807 07 Apr	United States
UA2FT	28495.0	EA6AM		1807 07 Apr	Balearic Islands
DJ9CW	28008.0	FG8NY	in qso	1807 07 Apr	Guadeloupe
UR4MH-@	28006.2	CE2/CX1EK	tnx qso	1806 07 Apr	Chile
W2OR	28083.0	W1AW/3	Stns callinf from AL/SC/GA	1806 07 Apr	United States
PA7TD	28425.0	W1AW/3		1805 07 Apr	United States

CW is Dead?



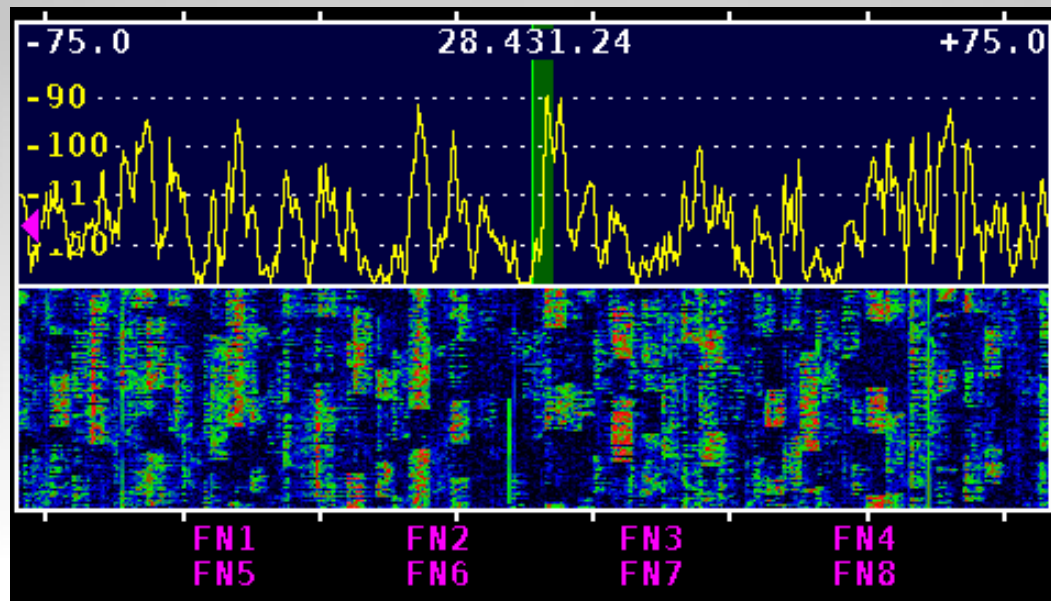
119 QSOs on 15M in 50kHz!



ARRL DX Saturday morning

ARRL Phone

← 150 kHz →



Contester's Terms

Running – staying on a frequency and calling CQ:
working everyone that calls. Produces more Qs for the
big contester

Search and Pounce (S&P) – moving around looking for
multipliers

SO₂R – Single Op/2 Radios

Sunday Drivers – That's us

Cabrillo Log

START-OF-LOG: 3.0
CALLSIGN: KC7QY
CONTEST: CQ-WPX-SSB
CATEGORY-OPERATOR: SINGLE-OP
CATEGORY-ASSISTED: NON-ASSISTED
CATEGORY-BAND: ALL
CATEGORY-POWER:LOW
CATEGORY-MODE: SSB
CATEGORY-TRANSMITTER: ONE
CLAIMED-SCORE: 137072
CLUB:
LOCATION: NM
CREATED-BY: GenLog v8.13
NAME: Jim Lommen KC7QY
ADDRESS: 800 Buford Dr
ADDRESS-CITY: Socorro
ADDRESS-STATE-PROVINCE: NM
ADDRESS-POSTALCODE: 87801
ADDRESS-COUNTRY: USA
OPERATORS: KC7QY
SOAPBOX:

QSO: 28000 PH 2014-03-29 0154 KC7QY	59 0001 JEiLFX	59 0202
QSO: 28000 PH 2014-03-29 0155 KC7QY	59 0002 PQ5B	59 0314
QSO: 28000 PH 2014-03-29 0157 KC7QY	59 0003 ZY2B	59 0172
QSO: 28000 PH 2014-03-29 0232 KC7QY	59 0004 KT5J	59 0459
QSO: 28000 PH 2014-03-29 0233 KC7QY	59 0005 VK4KW	59 0335
QSO: 28000 PH 2014-03-29 0236 KC7QY	59 0006 NH6P	59 0443
QSO: 28000 PH 2014-03-29 0243 KC7QY	59 0007 NH7A	59 0418
QSO: 28000 PH 2014-03-29 0245 KC7QY	59 0008 VK2IM	59 0275
QSO: 28000 PH 2014-03-29 0246 KC7QY	59 0009 NH7NJ	59 0377
QSO: 28000 PH 2014-03-29 0250 KC7QY	59 0010 ZV2K	59 0382
QSO: 28000 PH 2014-03-29 0256 KC7QY	59 0011 PY2SPW	59 0147
QSO: 28000 PH 2014-03-29 0259 KC7QY	59 0012 PX5E	59 0505

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CALLSIGN: KC7QY
CONTEST: CQ-WPX-SSB
CATEGORY-OPERATOR: SINGLE-OP
CATEGORY-ASSISTED: NON-ASSISTED
CATEGORY-BAND: ALL
CATEGORY-POWER:LOW
CATEGORY-MODE: SSB
CATEGORY-TRANSMITTER: ONE
CLAIMED-SCORE: 137072
CLUB:

▼ [1483291.cq-wpx-ssb] KC7QY

Tue, Apr 1, 2014 at 2:09 PM ●

From Contest Robot +

To kc7qy@att.net

2014 CQ World-Wide WPX Contest, SSB

Callsign: KC7QY

Category-Operator: SINGLE-OP

Category-Transmitter: ONE

Category-Band: ALL

Category-Power: LOW

Category-Assisted: NON-ASSISTED

Name: Jim Lommen KC7QY

Postal Address: 800 Buford Dr

Postal City: Socorro

Postal State/Province: NM

Postal Code: 87801

Postal Country: USA

Reported QSOs: 252

Confirmation #: 1483291.cq-wpx-ssb



CN2R

