Sweepstakes 2007:

SS Rules 101
LCR Analysis

SS Rules 101 : Time

- CW: November 3-4, 2007
- SSB: November 17-18, 2007

- **Rule 2.3. Begins 2100 UTC Saturday, ends 0300 UTC Monday.**

The contest always starts at 1pm Pacific, right?

WRONG!

SS Rules 101 : Time

- Energy Policy Act of 2005 : DST lasts one week longer than past years, starting in 2007

- Daylight Saving to Standard time conversion happens in the middle of SS CW.

> SS CW: **2pm PDT to 7pm PST**

> SS SSB: **1pm PST to 7pm PST**

- Know how your computer and logging program will behave!

- Test it before SS CW to eliminate any surprises.

SS Rules 101 : Exchange and Categories

Exchange:

1	U	N6DE	90	SCV
<serial #>	<precedence>	<callsign>	<check>	<section>

Q: Single Op <= 5W
A: Single Op <= 150W
B: Single Op > 150W
U: Single Op w/ packet
M: Multi Op
S: School

Last two digits of the year you first got your ham license

Know the exchange & fills!

- Max of 24 hours for all categories with a given callsign.
- Off time must be in at least **30** minute increments.
- Multi Op: Unlimited band changes, can use packet spotting, at least 50% of operators in M/S must be NCCC members.

SS Rules 101 : Stations and Multipliers

Stations

> **Rule 6.1. Work each station only once, regardless of the frequency band.**

Multipliers – Summary of Rules 5.2 section:

> 80 multipliers

> 71 ARRL Sections

- KH6 and other US possessions in the Pacific count as the Pacific Section.

> 9 Canadian Mults

Other DX does not count for QSO credit in Sweepstakes!

> Just give DX stations 59 and move on.

SS Rules 101 : 175 Mile Circle & HMO

ARRL General Rules

175 mile radius club circle:

- 8.4.1.4. All stations must be located and all operators must reside within the designated club territory.

HMO Rule #1

- 3.3. An operator may not use more than one call sign from any given location during the contest period.

HMO Rule #2

- Summary of 3.5 : One callsign per transmitter, except for family stations.

SS Rules 101 : Links to Rules

Sweepstakes Rules:

http://www.arrl.org/contests/rules/2007/novss.html

ARRL HF Contest Rules:

http://www.arrl.org/contests/announcements/rules-hf.html

ARRL General Contest Rules:

http://www.arrl.org/contests/announcements/rules-all.html

LCR Analysis : Why Should We Care?

LCR : Log Check Report

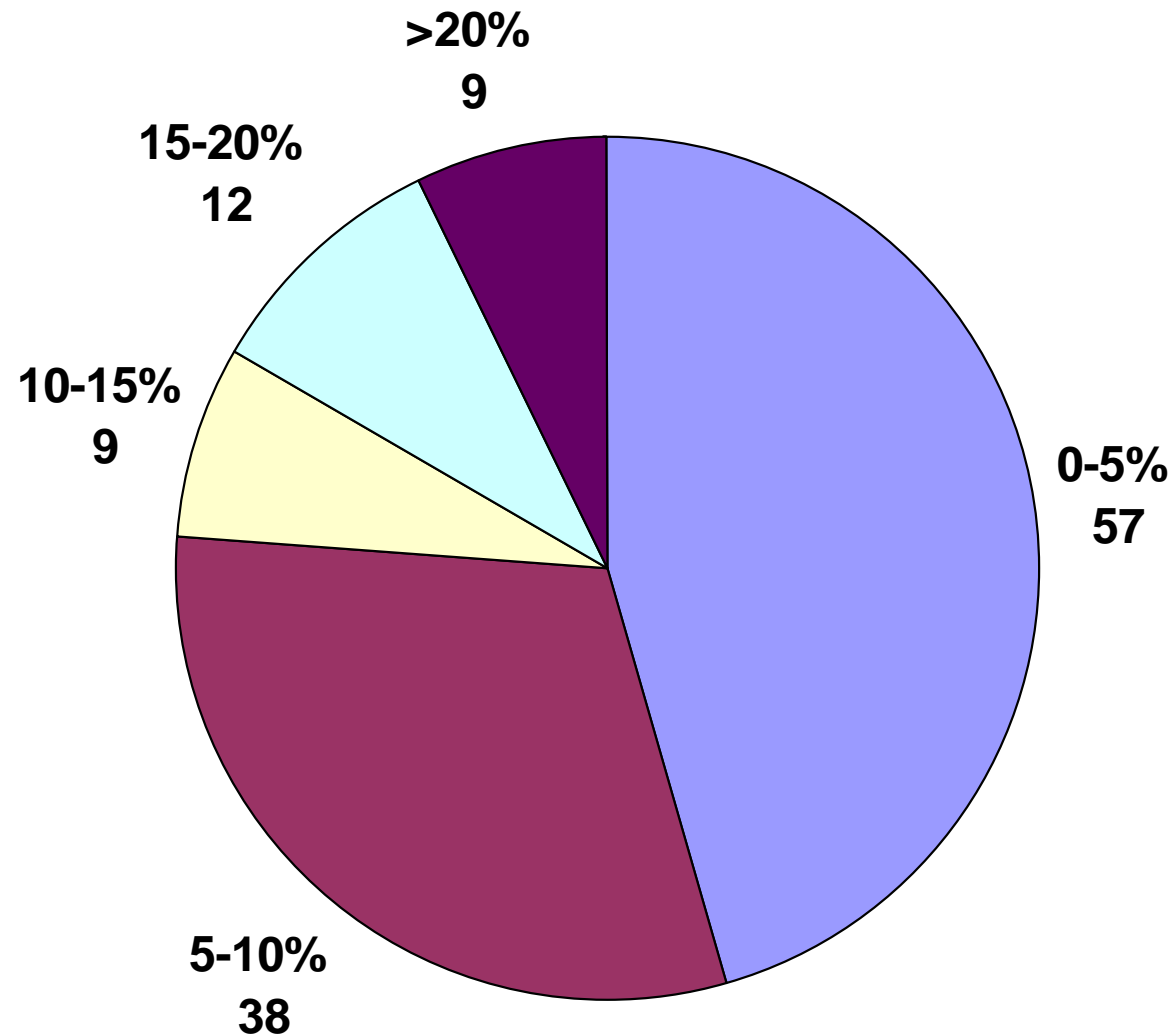http://www.arrl.org/members-only/contests/lcr.html
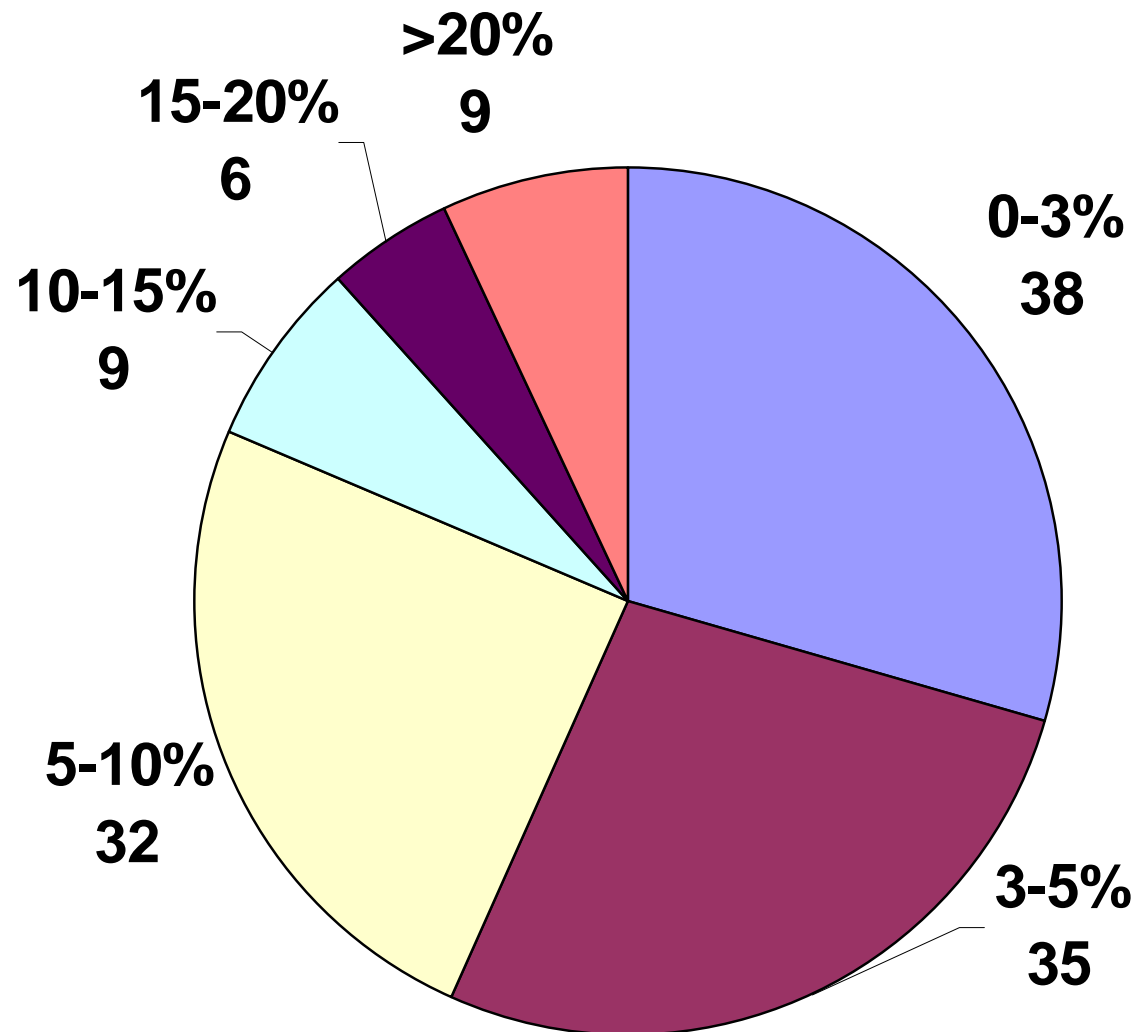
Why care about logging accuracy?

- NCCC goal:
  - "To help our members develop their operating and technical skills to become better contesters."
- SS 2006 log check statistics
  - We lost 1.15M points in log checking.
  - 5.4% of our claimed score: 5.9% CW, 4.9% PH
  - Remember our margin of victory over PVRC?
  - Could determine the outcome of SS 2007.

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NCCC SS CW 2006: % of Points Lost

>20%
9

15-20%
12

10-15%
9

0-5%
57

5-10%
38

NCCC NORTHERN CALIFORNIA CONTEST CLUB

NCCC SS SSB 2006: % of Points Lost

>20%
9

15-20%
6

10-15%
9

0-3%
38

5-10%
32

3-5%
35

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LCR Analysis : Penalties

QSO deleted for incorrect:

- Serial number

- Precedence

- Check

- Section

QSO deleted + 1 additional QSO penalty:

- Busted Callsign

- NIL (not in log)

LCR Analysis : LCR File

Go to LCR file demo.

LCR Analysis : N6DE LCR Stats, SS 2006

Callsign	Day	Error Rate
SS CW @N6IJ	Saturday	1.5%
SS CW @W6CS	Sunday	4.0%
SS SSB @K6TD	Saturday	0.9%
SS SSB @ W6CS	Sunday	1.9%

LCR Analysis : N6DE LCR Stats, SS 2006

	Call	NIL	Penalty QSOs	NR	PREC	CK	SEC	2+ Fields
CW	7	0	7	13	3	12	8	1
SSB	3	1	4	5	5	5	4	1
Total	10	1	11	18	8	17 (5 prefill)	12 (5 prefill)	2

LCR Analysis : Questions

LCR file tells us:
- **How many errors?**
- **What errors?**
- **Who were the errors with?**

It doesn't directly address:
- **Where? (what band, what frequency)**
- **When in the contest?**
- **What was I doing at the time?**

Find these answers with MS Excel analysis.
Go to Excel demo.

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