

# AH2R - 15 years of activities



CCF 2011 cruise

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Kazu JK3GAD/M0CFW ([jk3gad@mac.com](mailto:jk3gad@mac.com))

# In this presentation,

- **Introduction of our groups**
- **Location and station setup**
- **What you can expect from Zone 27**
  - **Last 10 years results**
  - **Analysis of activities in most populated area (CQ WW CW 2007-2010)**
- **Planning for 2011**

# Some History

- ❑ **Started as NH2C in 1996**
- ❑ **Got AH2R vanity club callsign**
- ❑ **Survived several management changes at the Hotel**
- ❑ **One of the longest Multi-op activities in OC region(All CQWW SSB/CW activated)**

# Who We Are?

Op List since project inception

**JI3ERV, JR7OMD, JG3RPL, JR8VSE,  
JH7QXJ, JE8KKX, JK3GAD, JH0USD,  
JR3RVO, JP1JFG, JO1DFG, JH1NBN,  
JP1OGL, JR0BQD, JR8PPG, JE7HLZ**

Most of these have experience at University  
Radio Clubs in '80s and early '90s as well as

**KH0AM**

**JA3YKC/JA2YKA/JA7YAA/.....**

**Remember these callsigns?**

# Where?



- 13.50 N / 144.75 E
- 34 deg to USA (5,900 miles to W6, 8,100 miles to W2)
- 330 deg to EU
- (6,300 miles to OH, 8,500 miles to CT)
- 350 deg to JA (1,570 miles)
- 3 hours flight from JA

# Current Station Setup

- **2 x 1000MP, 756PROII or K3**
- **3 x JRL2000F amp(Solid State with ATU)**
- **160m: Inv L and/or DP**
- **80m: 2 x Vertical**
- **40m: 2 el HB9CV**
- **20m/15m: 4el or 15m/10m: 4el**
- **20m/15m/10m: Spiderbeam**
- **Win-Test**
- **Softrock SDR for CW Skimmer**



Items stored storage space in KH2

We need to assemble tower from scratch



# Our Typical Schedule

Wed	Thu	Fri	Sat	Sun	Mon	Tue
Evening Flight	Arriving Early morning					Early Morning Flight
	Antenna/ Station Setup	Antenna/ Station Setup	10am Local contest	Contest	10am End pack antenna/s tation	

**We never visited to the beach!**

# Roof Top - North side



Beam Towards North



# Roof Top - South side



# Then Spiderbeam



Put tower on the edge



# Operating



# Main Stn 1



Mult Stns & CW  
Skimmer

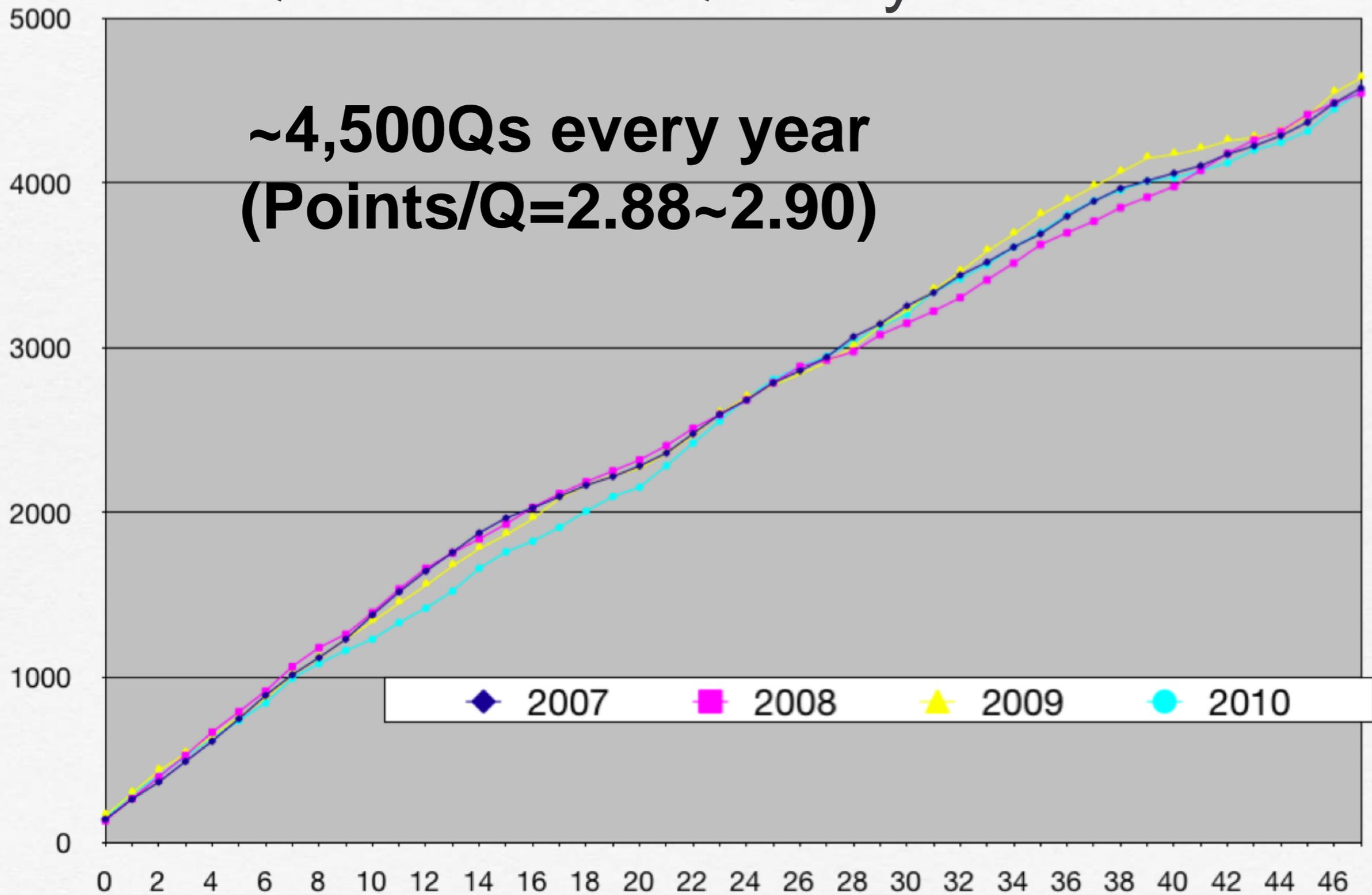
# Our Results - CQ WW SSB

SSB						
Year	Place	Final Score	QSO	Zone	CTY	Note
2000	OC #1	10,260,544	5,998	154	465	
2001	OC #1	8,600,706	5,035	157	461	
2002	OC #1(M2)	12,558,232	6,862	162	502	MS record KH0AA 12599064/6872/158/490
2003	OC #2(M2)	9,724,779	5,604	171	462	KH0AA 14109480/7589/172/488(OC Record)
2004	OC #1	7,582,510	4,490	165	446	
2005	OC #1	4,624,704	3,360	142	354	
2006	OC #1	4,679,040	3,618	147	359	
2007	OC #1	4,805,920	3,511	144	346	
2008	OC #1	5,113,640	3,733	134	356	
2009	OC #1	6,016,592	4,149	146	377	

# Our Results - CQ WW CW

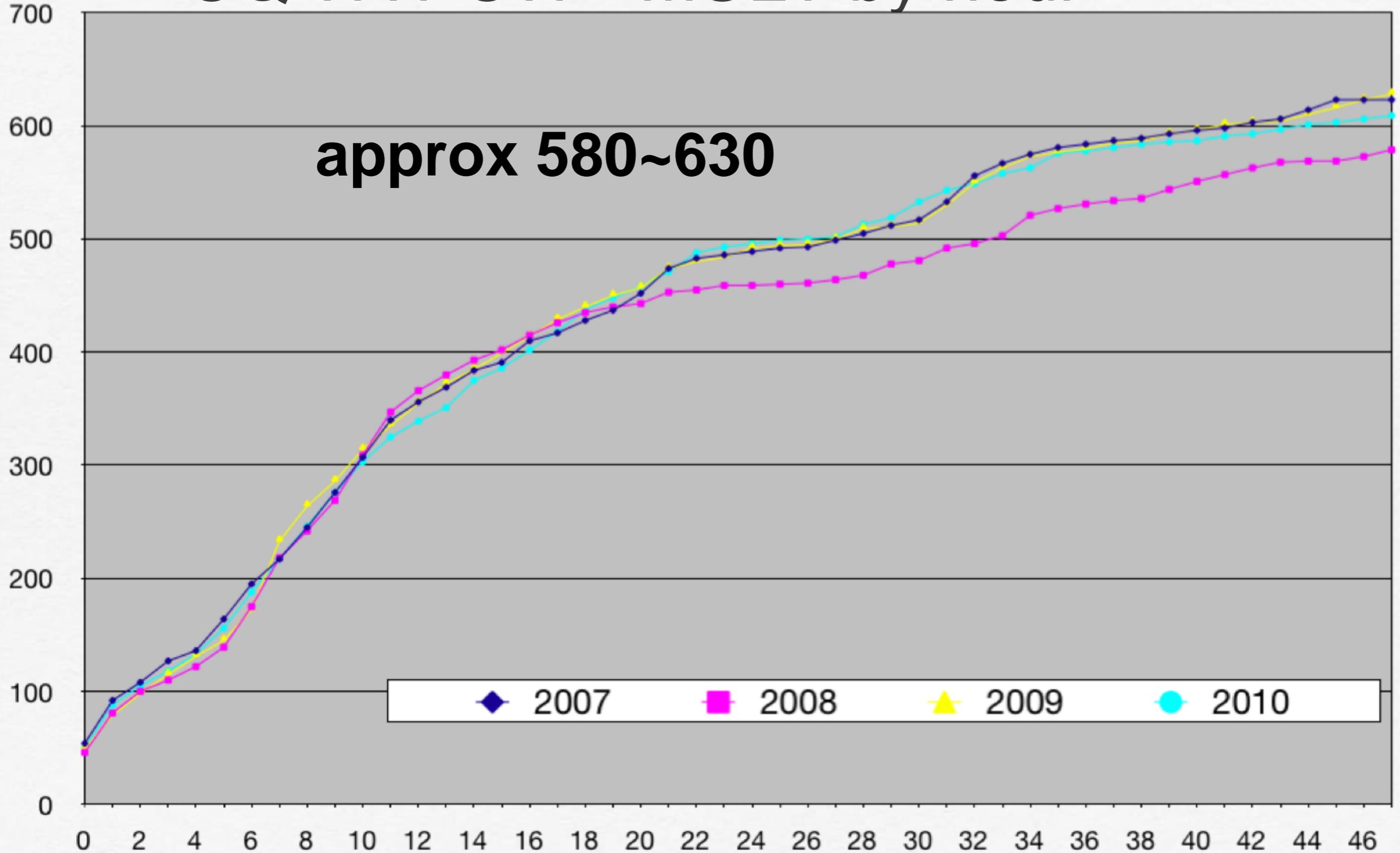
	CW					
Year	Place	Final Score	QSO	Zone	CTY	Note
2000	OC #1	8,423,520	4,744	167	477	
2001	OC #1	9,283,872	4,961	170	522	
2002	OC #1(M2)	11,311,266	6,390	171	482	
2003	OC #1	8,748,047	4,625	182	515	
2004	OC #1	10,283,700	5,279	188	512	OC Record, World 4th
2005	OC #1	5,401,636	3,658	151	397	
2006	OC #1	6,580,760	3,829	172	450	
2007	OC #1	7,737,360	4,461	167	451	
2008	OC #1	6,947,512	4,364	154	418	
2009	OC #1	8,027,760	4,512	168	456	

# CQ WW CW - QSO by hour

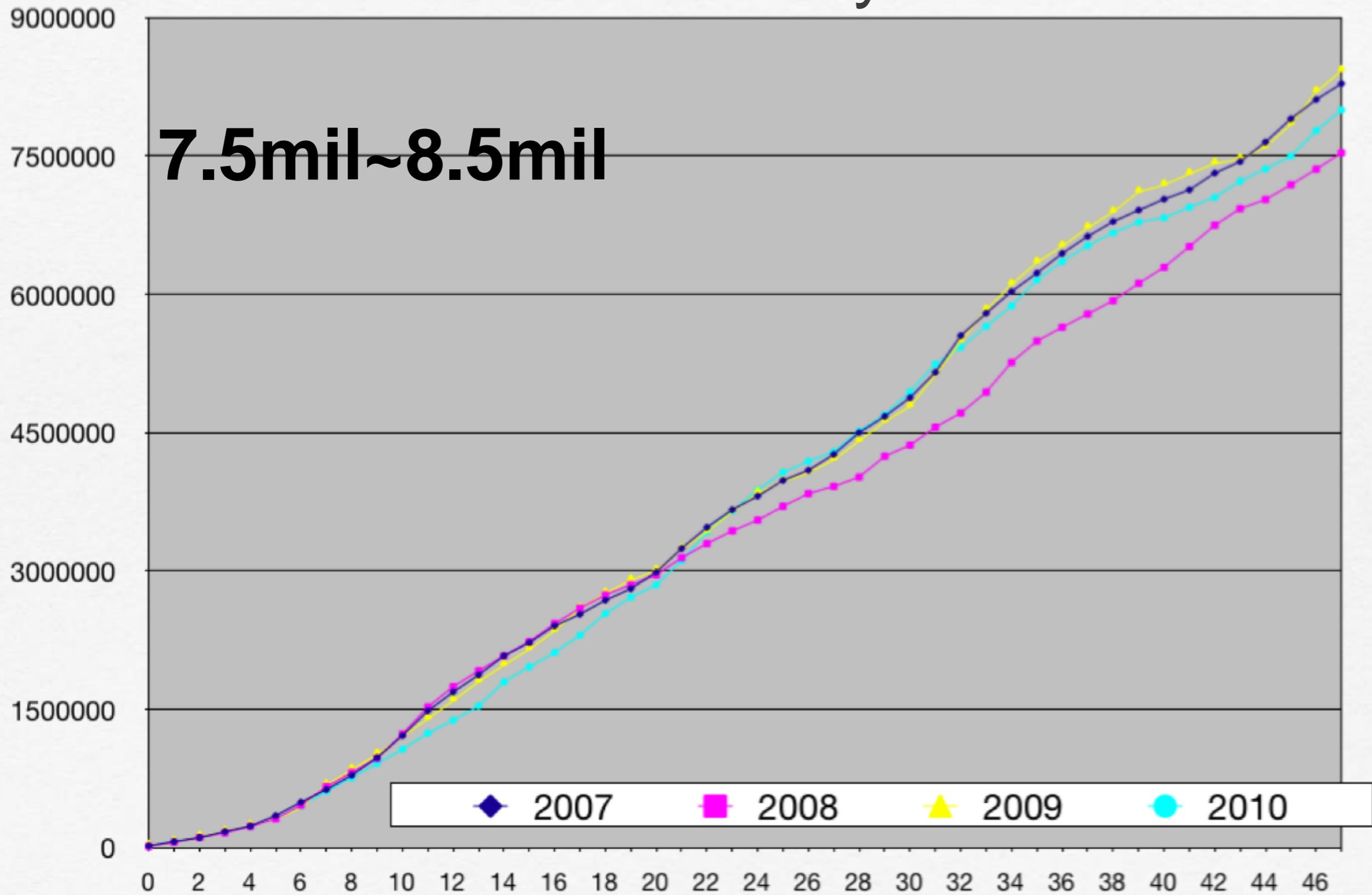


# CQ WW CW - MULT by hour

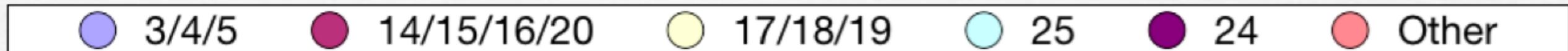
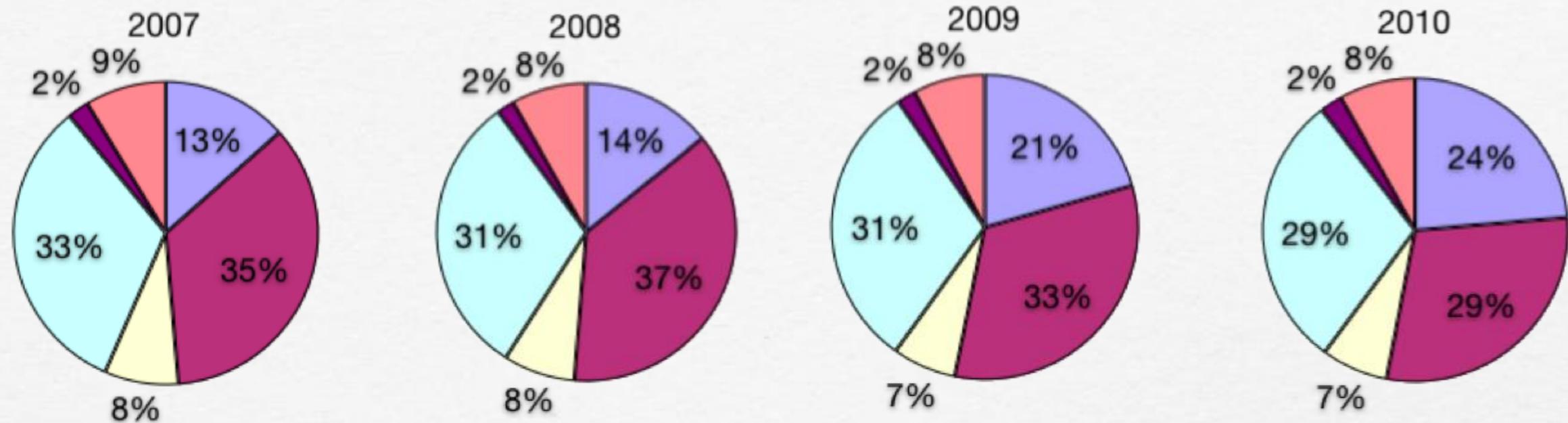
**approx 580~630**



# CQ WW CW - Score by hour

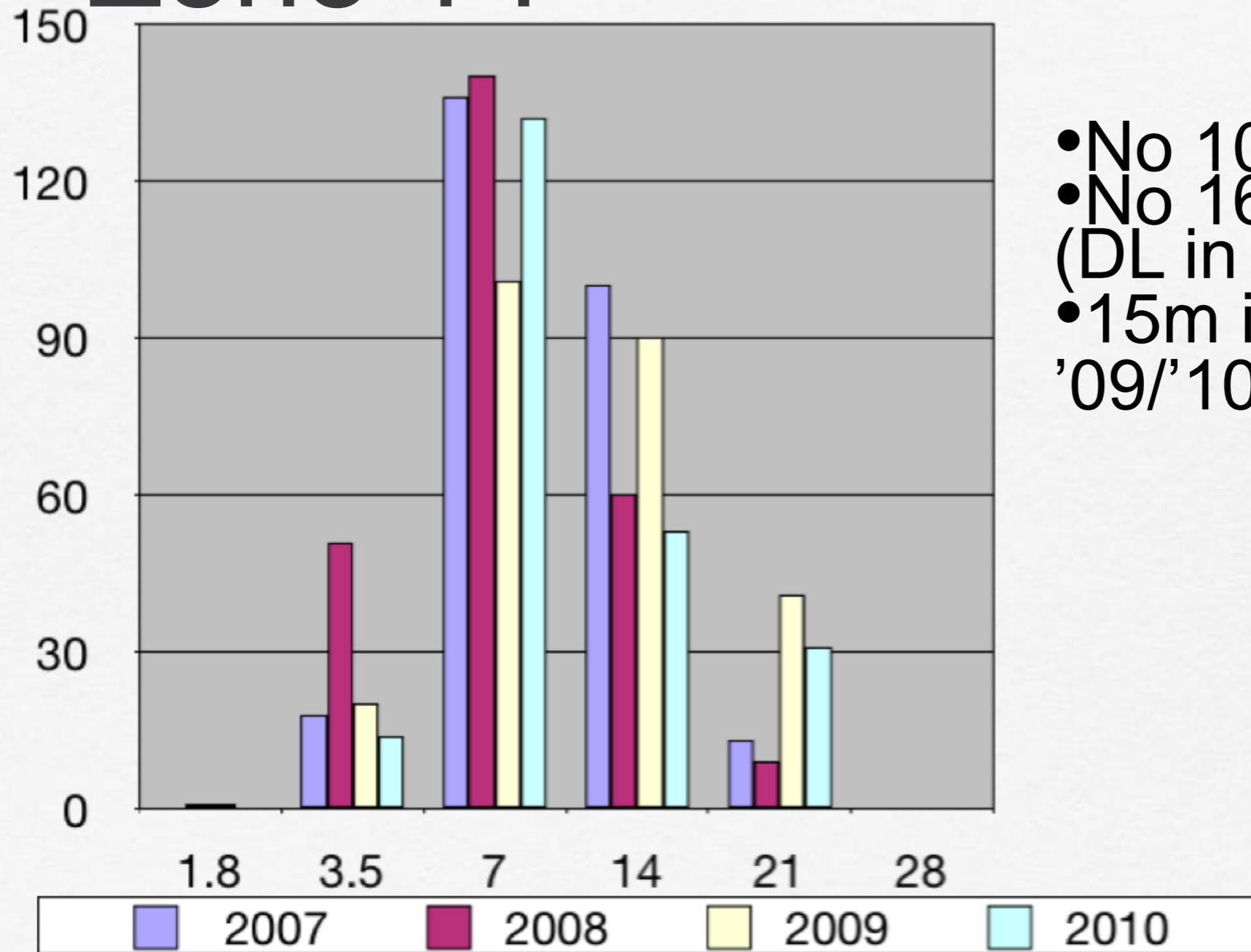


# QSO breakdown by region



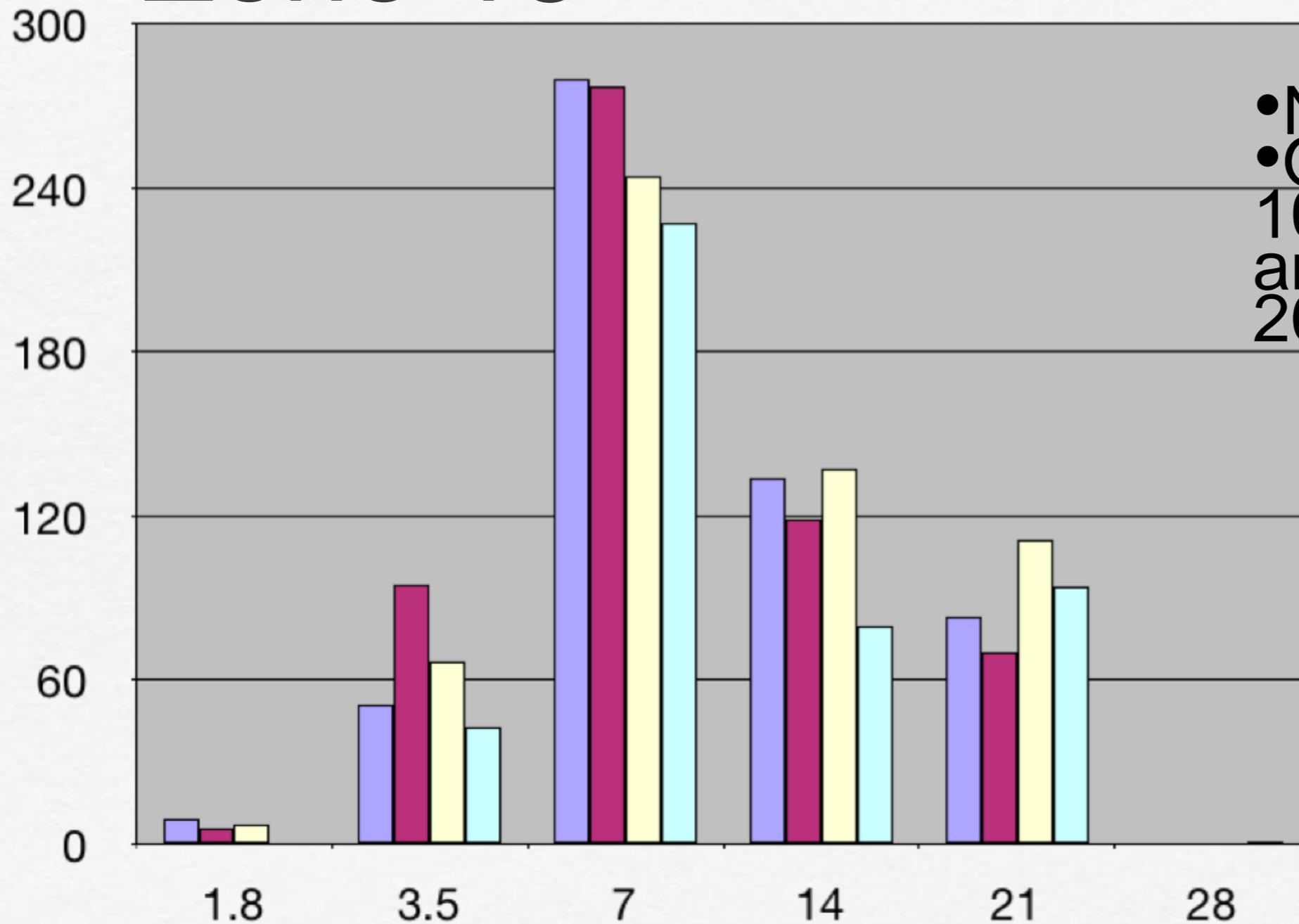
- ✓ Increase in W/VE, Decrease in EU
- ✓ Better 40m/20m propagation to zone 4/5
- ✓ Better 40m but poor 20m/15m to EU
- ✓ Fairly Stable in UA9/0, BY/BV
- ✓ Small decrease in JA/HL

# Zone 14



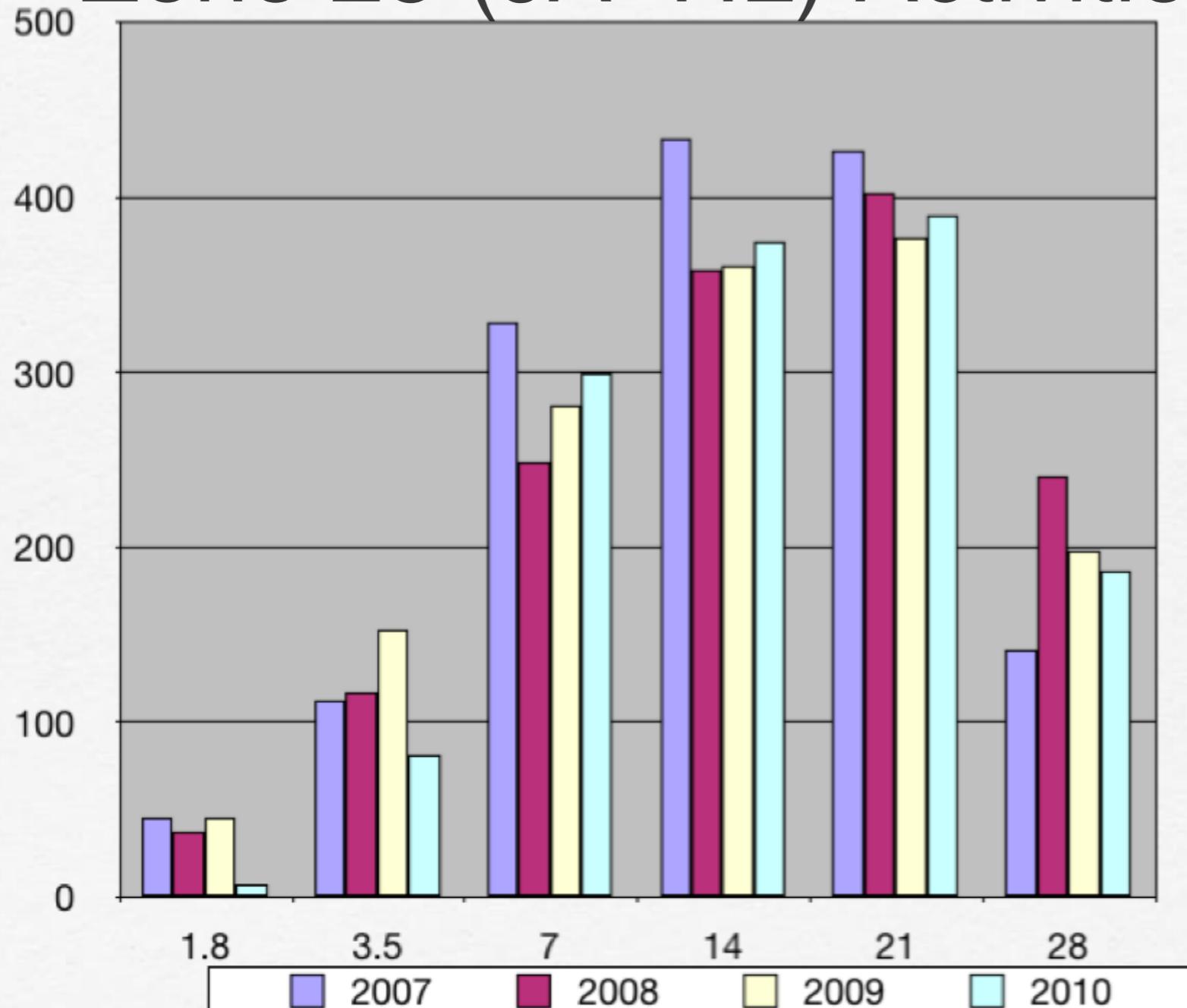
- No 10m QSO
- No 160m in '07/'10 (DL in '08 and '09)
- 15m is better in '09/'10

# Zone 15



- No 160 in '10
- Only one Q on 10m in '10 (YU and several Zone 20)

# Zone 25 (JA+HL) Activities



## Total QSO

- 2007 - 1,490
- 2008 - 1,405
- 2009 - 1,416
- 2010 - 1,340

# Hard to work zones

## ➔ Zone 2

➔ Worked on 20m in 2007 only

➔ Low activity, pile up competition with JA

## ➔ Zone 34

➔ Worked on 15m in '08, 40/20m in '09 only

➔ Low activity

## ➔ Zone 40 ( 5 deg, 6,800 miles to OX )

➔ Worked on 40m in '09, 40/20m in '10 only

➔ North path but growing activities in recent years

# Planning for 2011

- ➔ **Will be active both SSB/CW**
- ➔ **Antenna improvement**
  - ➔ **Use mono-band yagi**
  - ➔ **Experiment Double-L for 160/80m**
- ➔ **Station improvement**
  - ➔ **More automation(Antenna Switching)**
- ➔ **CW Skimmer**

# See you on the air!

- QSL via LotW or via JH7QXJ

