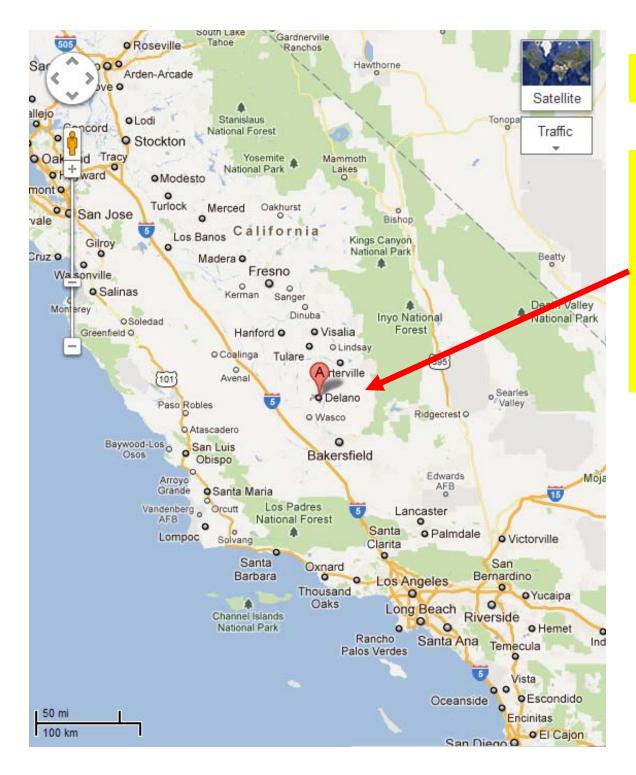
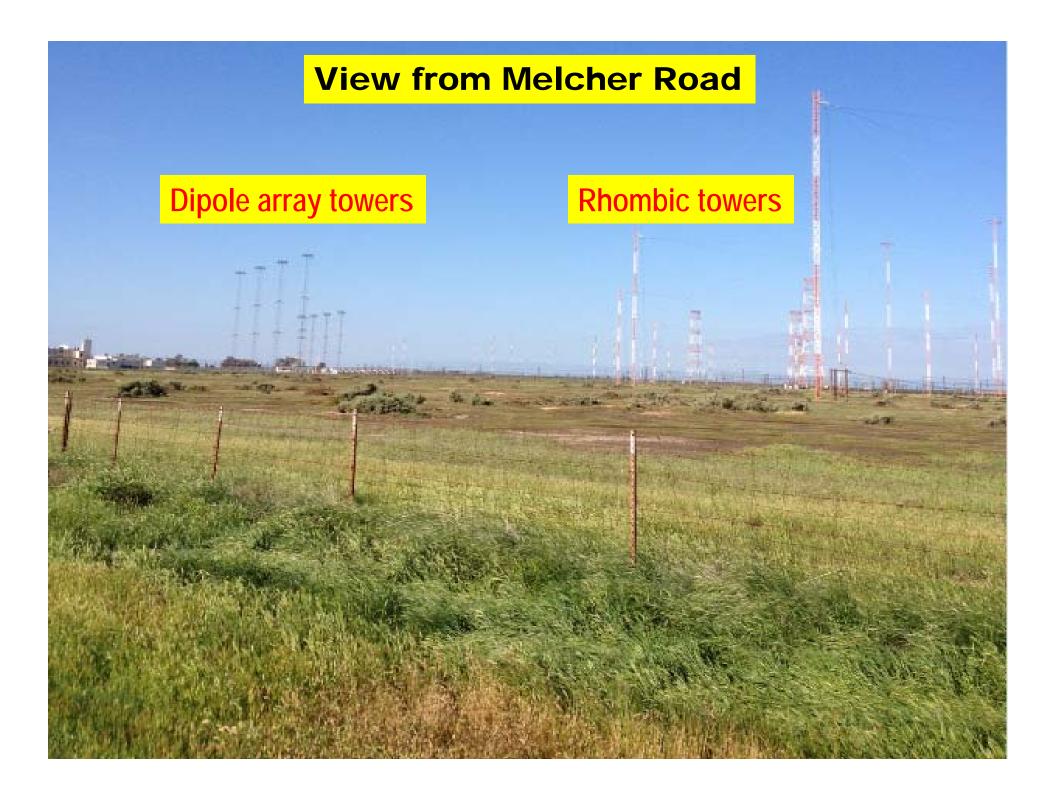
### **Voice Of America**

### Delano, Calif.

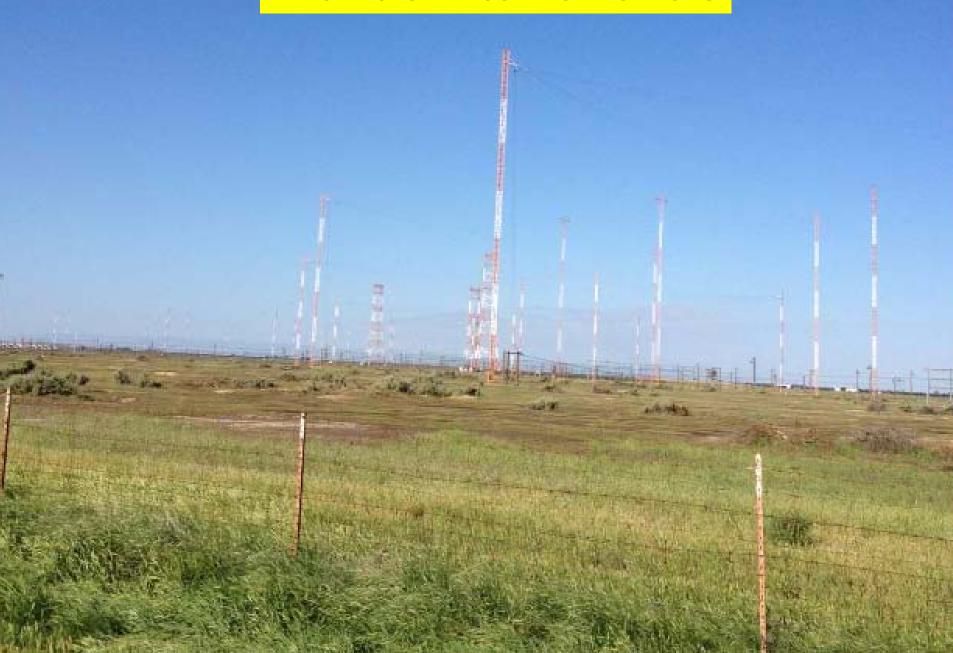


#### **VOA in Delano, CA**

Between Visalia and Bakersfield, this 801 acre location houses one of the last powerful HF international broadcast stations.

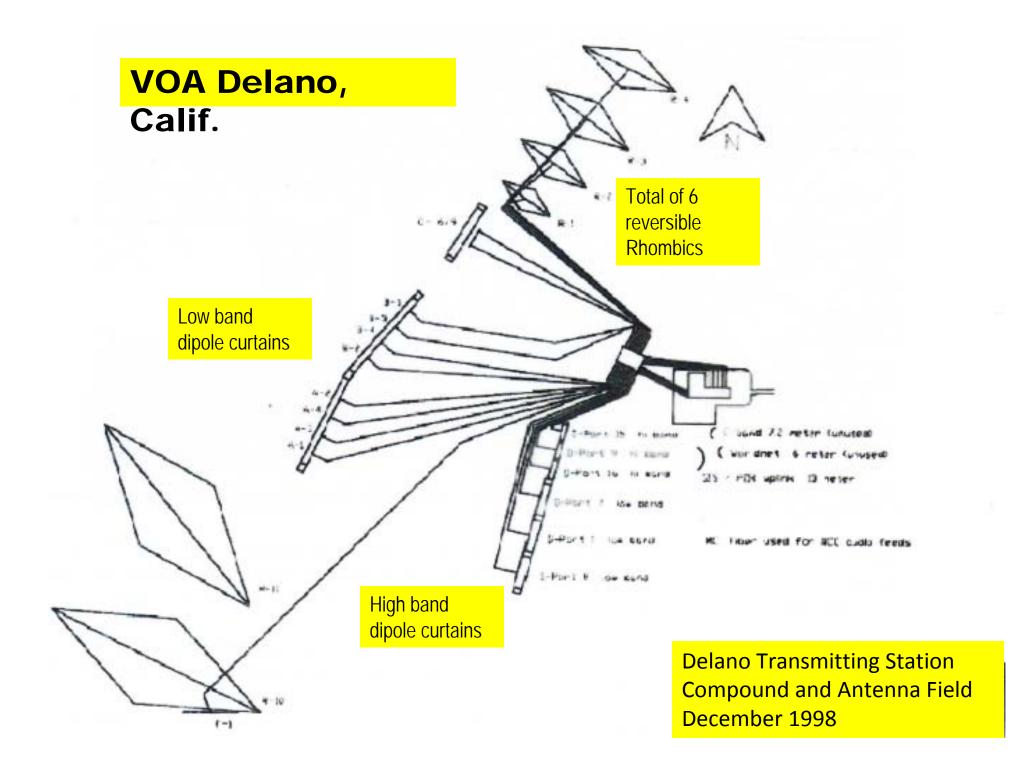


### **Rhombic Antenna Towers**



### **Dipole Array Towers**

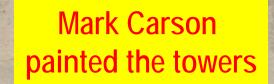
### These are 406 ft 'skyhooks'



#### Dipole Array Tower (Side View)

### The precision design and workmanship were extraordinary.

### **Immense Footings**





Can you imagine the forces exerted on each tower leg?'



# Part of the dipole arrays strung between the towers

Multiple transmission lines allowed for azimuthal and elevation angle slewing.

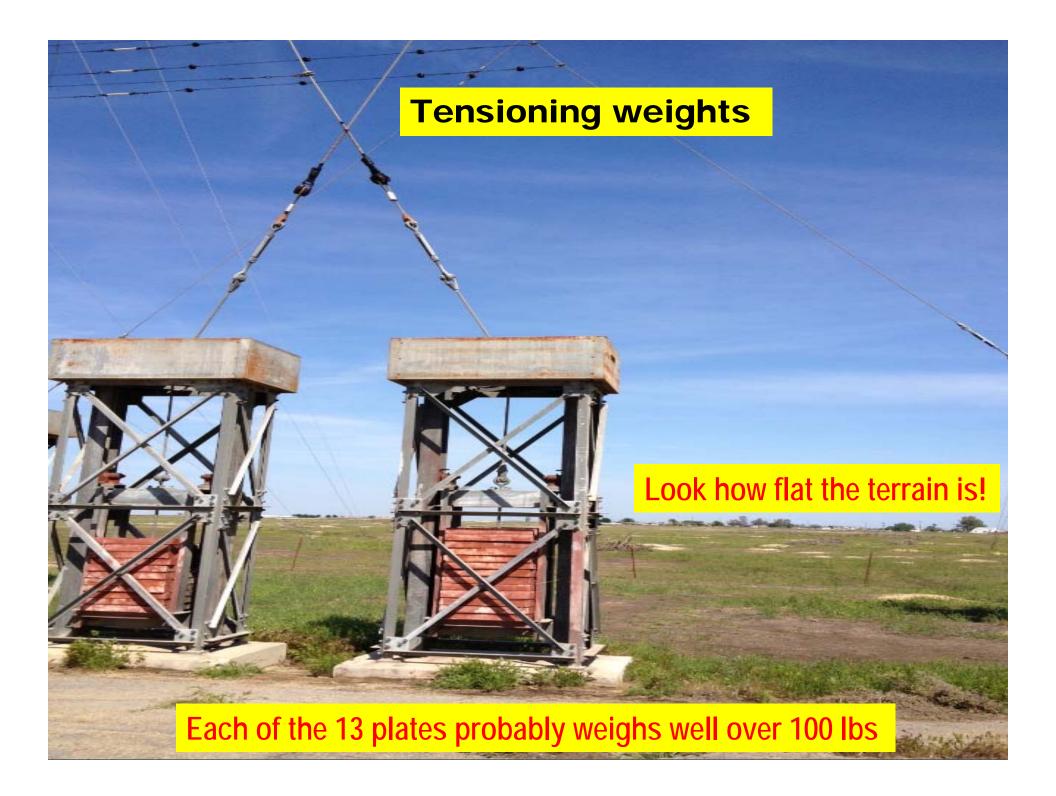


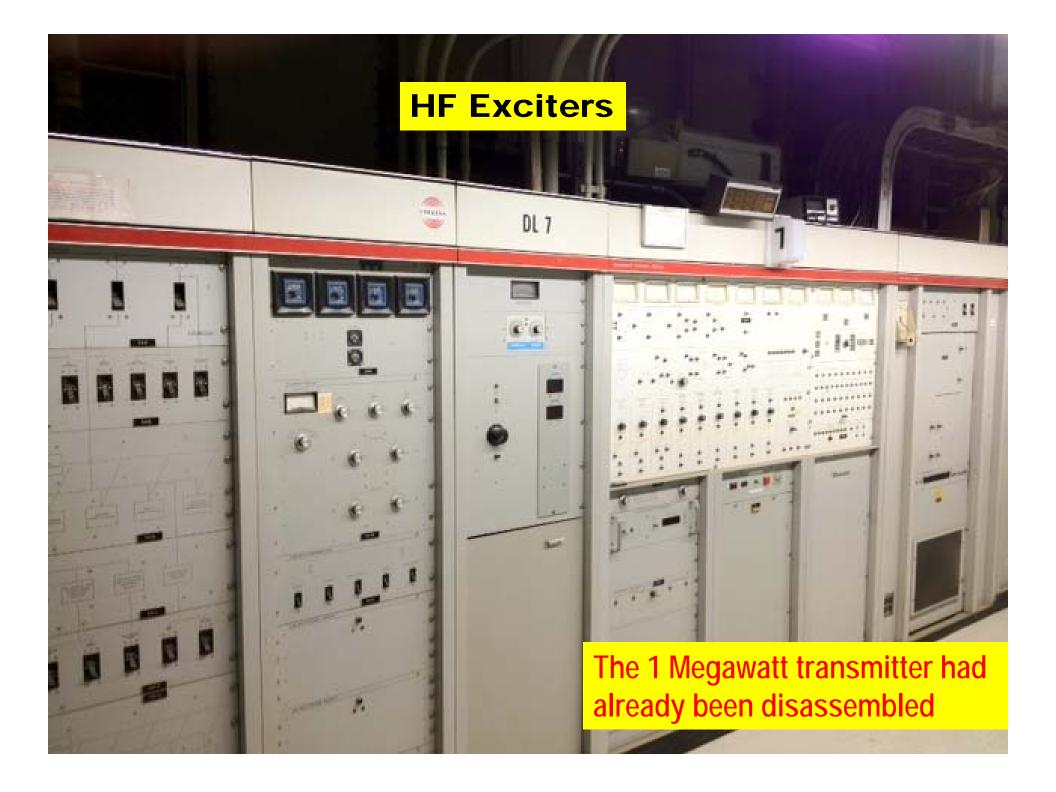
# Balanced, open-wire feedlines connected the antennas to the switch-bay on the right.



### **Precise tensioning resulted in this wire layout**

This was built in the early 1940's and is still functional





Appendix A: Transmitters, Broadcasters, Languages, and Targets

Transmitter Number & Power	Broadcaster and Frogram Language	Target Area
	Voice of America	Central America
	Spanish	South America
	Office of Cuba Broadcasting/Radio Marti	Cuba
DL - 01	Cuban Spanish	
DL - 01	British Broadcasting Corporation	Central America
250 kW	English	South America
2.50 K W	British Broadcasting Corporation	Central America
	Spanish	South America
	Effiniki Radiofonia Tileorasi	Eastern North America
	English and Greek	
	Voice of America	Central America
	Spanish	South America
DL - 02	The Royal Thai Government	Pacific West Coast
	English and Thai	North America
250 kW	Elliniki Radiofonia Tileorasi	Western Pacific Area
	English and Greek	
DT 02	Office of Cuba Broadcasting/Radio Marti	Cuba
DL - 03	Cuban Spanish	Eastern North America
	Elliniki Radiofonia Tileorasi	Eastern North America
250 kW	English and Greek	
	VOA Worldwide	Central America
	English	South America Cuba
DL - 04	Office of Cuba Broadcasting/Radio Marti	s, juna
250 kW	Cuban Spanish British Broadcasting Corporation	Central America
230 KW		South America
	English Britisk Broadcasting Corporation	Central America
DL - 06	Spanish	South America
DL - 00	opanisti	Concernment of the second second second
250 kW		
230 K W	Voice of America	Central America
DL - 07	Snanish	South America
DL = 0/	Shamso	Contraction of the second second
250 kW		
230 KW	Voice of America	Haiti
DT 00	Creole	A Lodge at
DL - 08	Voice of America	Central America
	Creole and Spanish	South America
250 kW	Crooke and openants	Haiti
	Standby	To Be Determined
DL - 09		
DL = 09		
50 kW		
50 KW		To Be Determined
DL - 10	Standby	TO BE DESCRIPTION
DL - 10		
		1
50 kW		

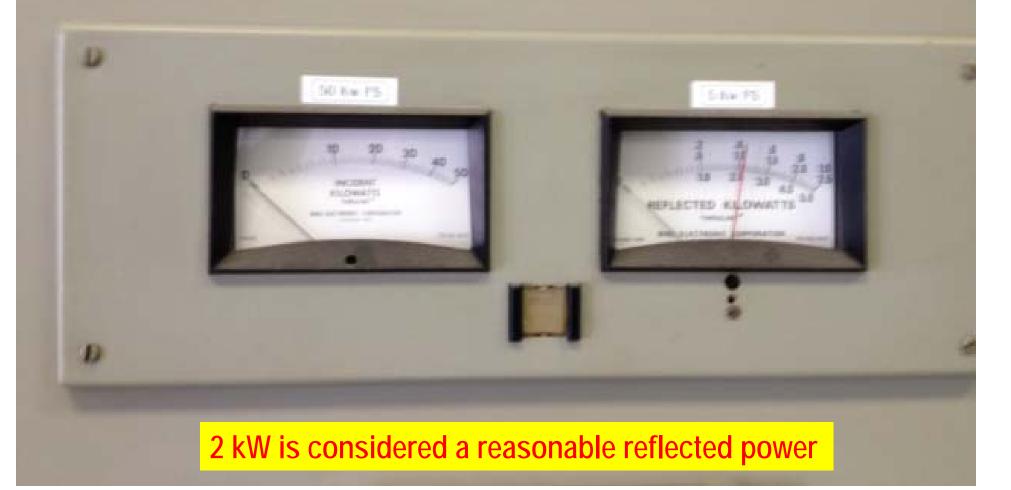
Source: Delano Transmitting Station, November 2004

### Delano Transmitter/Operating Schedule



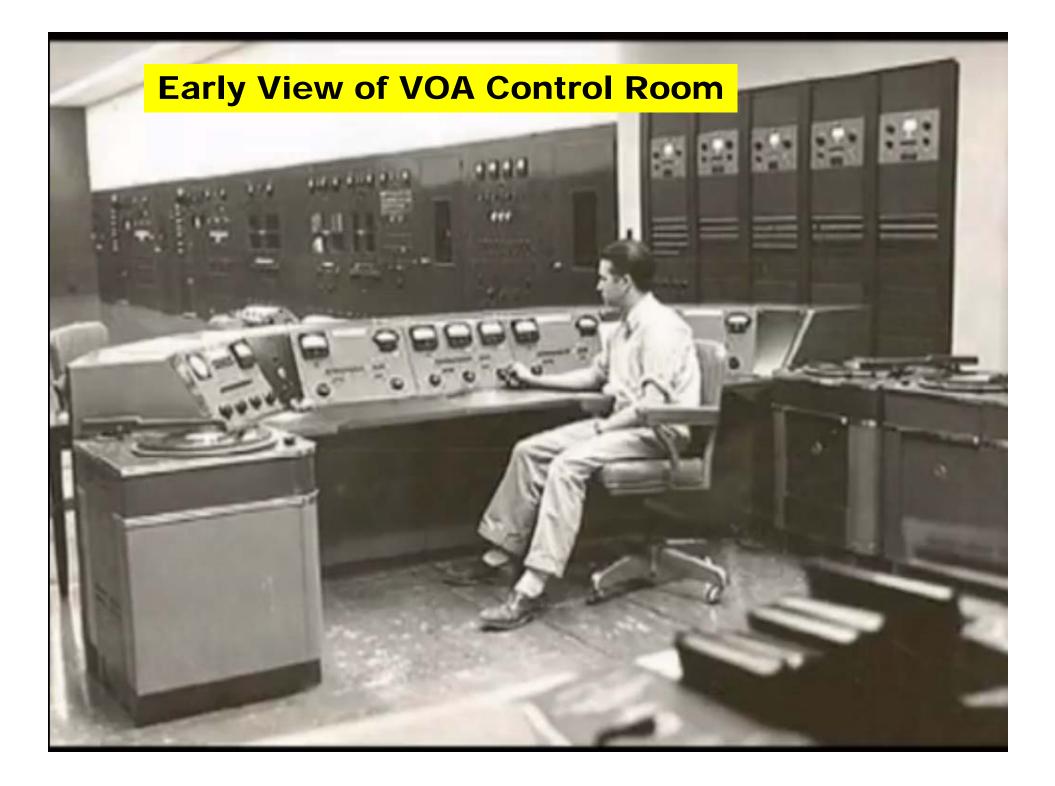
#### **Forward and Reflected Power Meters**

1121111, 2120111





Perfect for your new High Power 6m linear amplifier? They have probably all been thrown out by this time. They must have had 40 of these there.



Much of the Electronics were in these cabinets

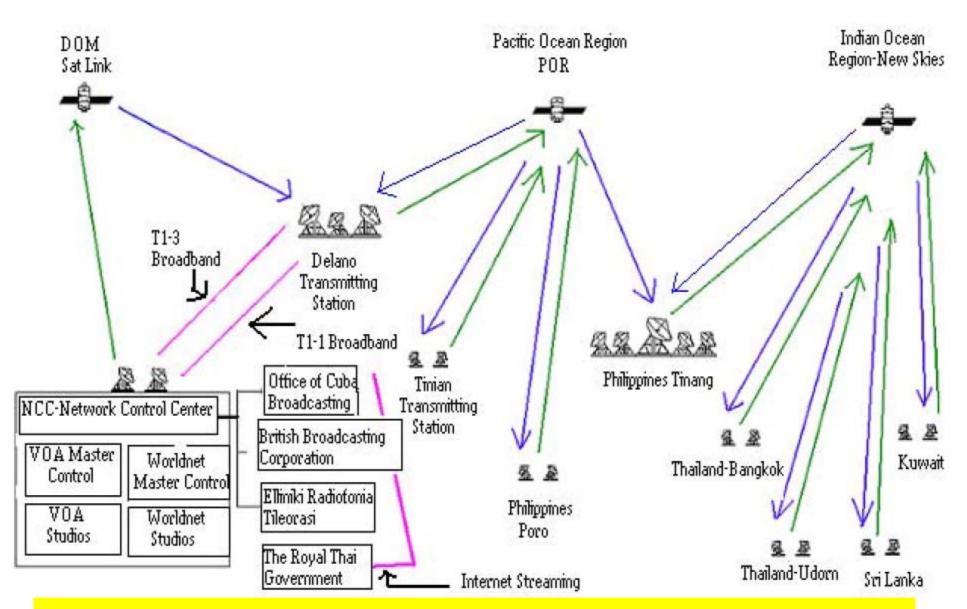
# 2012 view of the control room after dismantling



### VOA Satellite Interconnect System

Delano connected by satellite the US, Indian and Pacific Ocean Regions

#### **Satellite Interconnections**



Washington, DC provided the programming for overseas broadcasts





