

## PROFILE OF NORWOOD J. PATTERSON

### EDUCATION

Formal engineering studies at Pacific Radio School, San Francisco City College, San Mateo City College, and an alumnus of Stanford University 1944. Received FCC 1<sup>st</sup> class radio telephone operator's license in 1937. Started radio career at KSAN, San Francisco, as announcer and engineer. At age 21 was in charge of designing and installing a Million Dollar receiving station South San Francisco under Civil Service for the U. S. Federal Government. On-Going Education: Navigation, Coast Guard; Aircraft pilot; AOPA instrument pilot; Technical Writer (published in AARL magazine "QST" 1985 with front cover of antenna used in article.)

### BUSINESS EXPERIENCE

In 1945 formed his own consulting firm, Radio & Tv Engineering Co., manufacturing towers, installation of radio towers, and broadcast industry consultation. For several years served as Chief Engineer at KSAN, and consulted with many radio and television properties for obtaining new facilities and improving existing stations: KGDM Stockton; KBLF Red Bluff; KBOX Modesto; KYOS Merced; KVSM San Mateo; KTRB Modesto; KWSN Mt. Shasta; KNPT Newport, Oregon; WAUL Auburn, AL; TV Avalon, CA; KVVV Barstow, KHIZ-TV, and many others throughout the United States. From 1945 to present designed directional antennas, filed FCC applications, installed and/or improved facilities, as a consultant to the broadcast industry. Owned, operated, and managed radio & television stations from 1944-2002.

Broadcast station corporate officer, President, KSAN San Francisco, KBIF Fresno, KICU-TV Visalia, KTW AM and FM Seattle, KGDP AM Santa Maria, KWQH San Luis Obispo, and KPAT Santa Maria, CA. Supervised all Directors of engineering, financing, programming, sales, and management.

Appeared as an "Expert Witness" before the FCC; before the U. S. Senate Television Hearings July 1956; FCC Hearings from 1943-1999 in Washington, DC; Superior Court of Los Angeles hearings re radio/TV stations; and other court appearances for clients. Owned and operated radio/TV stations throughout his career, as many as 5 radios and 2 TVs simultaneously. He began his career with his father, who owned and operated radio and television stations for 40 years.

Designed directional antenna systems and phasing equipment, and filed FCC applications as Director of Engineering, installed and supervised directly all operations (as President):

KSAN AM    San Francisco, CA

KSAN TV    San Francisco, CA

CA	KARE AM	Atchison, KS	KICU TV	Visalia-Fresno,
CA	KJAY AM	Topeka, KS	KLVB FM	San Luis Obispo,
	KTW AM/FM	Seattle, WA	KPAT FM	Santa
Maria, CA	KGDP AM/FM	Santa Maria, CA	KWQH FM	San Luis Obispo,
CA				
Designed:	KUIC FM	Vacaville, CA	KRPA TV	Catalina, CA
	KRQK FM	Lompoc, CA	KPAT FM	Santa Maria, CA
	KSMO AM	San Mateo, CA	KLVB FM	San Luis Obispo, CA
CA	KVVT TV	Barstow, CA	KWQH FM	San Luis Obispo,

Page 2

Assisted other engineers with Directional Antenna Design and Adjustments:

KDON AM	Salinas, CA
KBOX AM	Modesto, CA
KTIM AM	San Rafael, CA
KCCV AM	Independence, MO
KHVN FM	Anchorage, AL

Manufactured radio towers; Made mutual and self impedance measurements; proficient with state-of-the-art test equipment contained in REC Laboratory; type accepted through the FCC and Canada governments transmitters and receivers by measurements performed in his Laboratory; consultant to Industry Leaders on engineering matters; partial list:

Harris Canada	SONY	Rockwell	Honeywell
Henry Radio	Honeywell	Metromedia	
NovAtel			
Kokusai	Ch. 44 R.P.V.	Ch. 64 Barstow-Victorville	

Negotiated radio station sales:

KSAN TV, Sold to Metromedia	\$ 1.0 Million	Year: 1955
KLVB FM, San Luis Obispo to EMF	\$ .450 Million	1999
KPAT FM, Santa Maria to AGM	\$ .900 Million	2000
KWQH FM, San Luis Obispo to Clear Ch.	\$ 1.425 Million	
2001		

References, Professional

AGM-Birmingham, LLC Mr. Tony Brandon, President (Radio Broadcaster)  
PO Box. 5688, Baltimore, MD 21210 Tel: (410) 832-5870

AGM-Birmingham, LLC Mr. Rogers Brandon, Vice President (Radio Broadcaster)  
PO Box 2700, Bakersfield, CA 93303 Tel: (661) 328-0118

Womble Carlyle Sandridge & Rice, PLLC, FCC Division, Washington DC  
Attorney Firm  
Mr. Vince Pepper; Mr. Peter Gutmann  
1401 I St., NW, Suite 700, Washington, DC 20006 Tel: (202) 857-4400

Sinsheimer, Schiebelhut & Baggett Attorney Firm  
Mr. Robert Schiebelhut; Mr. Adam Daner  
1010 Peach Street, PO Box 31  
San Luis Obispo, CA 93406 Tel: (805) 541-2800

Barbich Longcrier Hooper & King, Accountancy Corporation  
Mr. Lou Barbich and Mr. Wayne Longcrier  
1319 Marsh St., San Luis Obispo, CA 93401 Tel: (805) 541-2500

#### References-Manufacturers:

Harris Canada, Inc.,  
6732 - 8<sup>th</sup> Street N.E., Calgary, Alberta, Canada T2E 8M4  
Tel: (403) 295-5000

Henry Radio, Inc., 2050 Bundy Dr., Los Angeles, CA 90025  
Mr. Ted S. Henry Tel: (213) 820-1234  
Page 3

Kokusai Electric Co., 3000 Marcus Ave., Lake Success, NY  
Mr. Shumei Nagaya; Yoshio Yamashita Tel: (516) 354-1177

SONY, 134 Goudo-Cho, Hodogaya-Ku, Okohama-SHI, 240 Japan  
Mr. S. Yamamoto Tel: Yokohama (045) 338-5111

Com Dev Wireless Group, 805 Aerovista Pl., Suite 101, San Luis Obispo, CA  
93401  
Mr. Josh Lober, Tel: (805) 544-1089

#### PERSONAL

He and wife, Dawn, lived in Santa Ynez Valley for ten years, moved to Santa Maria for KGDP's construction and operations, moved to Los Osos/SLO and established REC Laboratory and executive offices. They have 3 children, one of whom works full time for RRI and POA as chief accountant, G. Dawn

Delgatty, and Jim Patterson as a Consultant, previous radio station owner/operator, and a 2-term Mayor of Fresno, CA for eight years.

Holds an AOPA membership, commercial pilot-SEL-MEL-INSTRUMENT, FCC 1<sup>st</sup> Class License, Amateur license Extra Class rating, member of Society of Broadcast Engineers, NABER Certified Tech, and ARRL 40-yr. Member. Honorable Navy Discharge 1944.

#### MEMBERSHIPS & ASSOCIATIONS

Grace Bible Church of Arroyo Grande; AOPA member #049667; FAA license #1085025; Commercial Pilot-SEL-MEL-SEA-INSTRUMENT; Elks Charter member #024; FCC license #P1-11-60569 1<sup>st</sup> class for Life; FCC Amateur WYRX Extra Class License; Society of Broadcast Engineers member #8887; NABER certified tech #22437; ARRL 40-year member; Honorable Navy Discharge; National Association of Broadcasters; Society of Motion Picture and Television Engineers, Inc.

I, Norwood J. Patterson, do hereby certify that I have prepared the enclosed data and, under penalty of perjury, that data of my own knowledge is correct. As to other information and facts asserted herein, I believe that information also to be true.

Norwood J. Patterson

Date: 8/7/02