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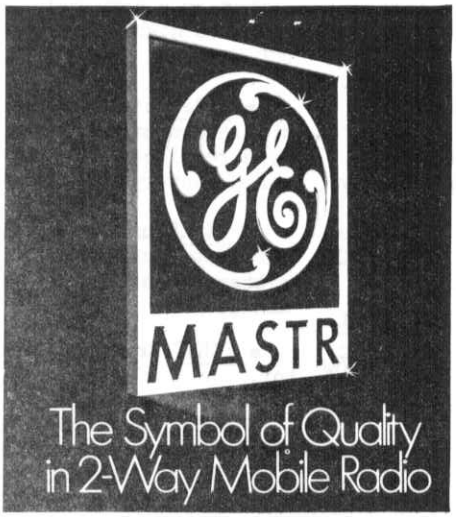

"Significant GE Firsts in 2-Way Radio" a Valuable MRD Sales Aid

An interesting document, designed to serve as a selling tool for MRD field sales personnel, has just come off the press following preparation by Mobile Radio Systems Consultant John McCormick.

Actually a revision of an earlier publication, "SOME SIGNIFICANT GENERAL ELECTRIC FIRSTS IN TWO-WAY RADIO" provides an interesting summary of how our business has pioneered in many aspects of the development of two-way radio.

The News feels that all Lynchburg GE employees would take pride in knowing about some of these firsts:

• FIRST in electronics. "In the very beginning, the electronics industry--as we know it today--was born in General Electric. While this has not been as widely publicized as it might be, those of us who were there at the time will not question the statement." The quotation is from an address by John J. Farrell on the occasion of the Old Timers Reunion, June 24, 1961, sponsored by the GE Quarter Century Club, Syracuse Chapter. Mr. Farrell was a GE radio pioneer who worked for the Company from 1913 until his retirement in 1962.

• FIRST to demonstrate to the FCC that FM could be used on the 40 kHz channels already established in the 30 to 40 megahertz band and that FM had definite advantages over AM apparatus already in use in the band. Schenectady - Albany Tests. September, 1939.

• FIRST single-unit housing Mobile unit - the MC 202 high band (152-162 MHz) set. January, 1947.

• FIRST to provide receiver with high front-end (RF) selectivity. Low Band (25-50 MHz). April, 1949.

• FIRST to demonstrate narrow band (20 kHz) versus wide band to the FCC at Electronics Park. April, 1949.

• FIRST to use Quartz crystals as a front-end filter. October, 1951.

• FIRST to offer narrow band (±5 kHz swing) equipment. April, 1954.

• FIRST to eliminate carbon microphones in Land Mobile Radio - FIRST to use controlled reluctance (high fidelity) microphones. April, 1954.

• FIRST life-time guarantee on Quartz crystals. April, 1954.

• FIRST fully transistorized receiver - the Progress Line Portable - made possible by GE Tetrode transistors. April, 1958.

See GE 2-WAY RADIO FIRSTS, p.2

JAPANESE SUPPORT IUE

Employees of Japanese electrical and electronics firms, through their Denki Roren union, have pledged $5,000 to GE strikers to help them keep the GE strike going. They also support the boycott to prevent the sale of U.S.-made GE products overseas.

Denki Roren is 400,000 strong. Its members produce such brands as Panasonic, Sony, and Toshiba, which are seeking to capture General Electric's share of the U.S. and foreign market in such items as radios, TV, home appliances, generators, motors, steam turbines, etc.

As an editorial writer pointed out, Denki Roren can't lose. The longer it helps keep the GE strike going, the more time Japanese products have to win GE customers without competition.

'Significant GE Firsts in 2-Way Radio' (Continued from Page 1)

• FIRST transistorized exciter in a Mobile transmitter - TPL. June, 1959.

• FIRST 0.0005% frequency stability without use of crystal ovens. TPL. June, 1959.

• FIRST Solid-State - no reeds - tone-coded squelch - TPL. December, 1962.

• FIRST Solid-State transmitter-1-Watt Voice Commander, September, 1962 and 10-Watt Porta-Mobil, April, 1964.

• FIRST Solid-State Motorcycle unit. May, 1965.

THE PROGRESS LINE, MARCH 1955

• FIRST to offer modular construction for highest degree of chassis interchangeability between mobiles and stations.

• FIRST 100-Watt mobile unit.

• FIRST 330-Watt Low Band and High Band stations. March, 1958 (250-Watt UHF, December, 1957).

• FIRST to offer simultaneous monitoring in a two-frequency receiver or a receiver with second front end.

• FIRST 15 kHz (tertiary channel) High Band installation. Gocrete - Dallas, Texas. October, 1959.

MASTR PROGRESS LINE, JUNE 1964

• FIRST transistorized stations.

• FIRST built-in voltage regulation.

• FIRST use of silicon transistors in Land Mobile Equipment.

• FIRST thermistor compensated oscillators completely eliminating crystal warmers and ovens.

• FIRST major manufacturer to use a Quartz crystal filter in the high IF amplifier of the receiver, thus providing adjacent channel selectivity up front.

• FIRST pilot-light dimmer.

• FIRST RF noise-blanker in both Low and High Band receivers.

• FIRST high-power 450 megahertz mobile unit - MASTR, 60-Watt. January, 1965

THE MASTR EXECUTIVE SERIES - DECEMBER, 1965.

• FIRST quarter-microvolt High Band receiver.

• FIRST 90 db two-signal adjacent channel selectivity.

• FIRST transistorized Remote Control Console, the TCC Series. December, 1965.

THE MASTR ROYAL PROFESSIONAL AND ROYAL EXECUTIVE SERIES - SOLID STATE EQUIPMENT FOR LOW BAND AND HIGH BAND-Dec. 1967.

• FIRST fully protected, continuous duty capability, solid-state final power amplifier in a Land-Mobile transmitter (Computer-like sensing and control network.)

• FIRST mobile unit with a built-in Reflectometer to indicate forward and reverse power on the ordinary DC test meter.

• FIRST two-year warranty on transistors.

• FIRST solid-state UHF mobile unit (18 watts) - The Royal Executive.

• FIRST use of integrated circuitry in Land Mobile Radio equipment--ICOM - Integrated Circuit Oscillator Module - 2 ppm (.0002% frequency stability.) February, 1967.

• FIRST UHF motorcycle unit. The 7-1/2 watt Solid-State UHF Porta-Mobil. August, 1968.

THE MASTR PROFESSIONAL PERSONAL SERIES FOR THE HIGH BAND AND THE UHF BAND - MARCH 1969.

• FIRST High Power transmitter in a hand-held unit - 4½ watts High Band, 2 watts UHF Band.

• FIRST high performance, single conversion Superheterodyne receiver in Land-Mobile radio history.

• FIRST use of thick-film integrated circuits in transmitter, receiver and tone modules.

• FIRST Crystal discriminator.

• FIRST advanced Nickle-Cadmium battery chargers:
  a. FIRST automatic switchover to trickle charge.
  b. FIRST fast charger (15 minutes to 70% level of charge)

• FIRST 0.0002% frequency stability in a hand-held unit.

• FIRST two-frequency receiver with priority sequential monitoring. Continuous monitoring of two channels with priority accorded by the setting of the F1, F2 switch on the Control Head. PSLM - Priority Search Lock Monitoring - a GE exclusive. MASTR Professional and Royal Professional Progress Line. August, 1968.

GEERA #1 BOWLING LEAGUE STANDINGS

TEAM	WON	LOST
Stoppers	50	18
Leftovers	44	24
Strikers	37	31
Terror Pins	35	33
Da Bums	30	38
Dependables	29	39
Spotters	27	41
Conglomerates	20	48

WITHOUT HANDICAP	
Hi-10 (Ind.) R. Gunderson	235
Hi-30 (Ind.) G. Gill	622
Hi-10 (Team) Stoppers	1011*
Hi-30 (Team) Stoppers	2840

WITH HANDICAP	
Hi-10 (Ind.) R. Gunderson	258
Hi-30 (Ind.) J. Guthrie	666
Hi-10 (Team) Stoppers	1087
Hi-30 (Team) Stoppers	3068

* High for year.

GEERA #2 BOWLING STANDINGS

TEAM	WON	LOST
Bowling Inc.	82	37
Wreckers	70	49
High Flyers	69½	49½
Fiveniters	68	51
Bowlweevils	67	52
Underdogs	53	66
Pro Grammers	53	66
Metal Men	48	71
Repeaters	47½	71½
Top Dogs	35	84

WITHOUT HANDICAP	
Hi-10 (Ind.) J. Guthrie	235
Hi-30 (Ind.) J. Gutherie	639
Hi-10 (Team) Bowling Inc.	950
Hi-30 (Team Wreckers	2549

WITH HANDICAP	
Hi-10 (Ind.) C. Grishaw	253
Hi-30 (Ind.) C. Payne	677
Hi-10 (Team) Bowling Inc.	1073
Hi-30 (Team) Bowling Inc.	3065

APPRECIATION...

I would like to thank my friends at GE for the many acts of kindness shown me during my stay in the hospital.

--Sandra S. Boatright

TRADING POST

FOR SALE: 40" Elec. stove in good cond. - $40. Call 846-4045.
...Cosco bridge set w/4 chairs. New cond. - $25. Call 239-3141.
...'69 H-D 350 SPRINT - $600. Call 239-9913.
WANTED: Babysitting-Nice play area-lots of toys-two meals a day if desired. Reasonable rates. Call 239-3127.
...Children to keep by day or night. Two meals furnished. Full basement & yard for playing. Call 239-6629.
...Used furniture - Living room suite & bedroom suite. Call 845-4729.

GE Stock closed at 73.