Previous Technology Shift From AM/FM To Shift Register Based Digital Codes

Draft overview of the Previous WWII to digital shift register Communications-Navigation Technology Upgrade events:

1964 Navy Grad School Monterey CA First Course in Shift Register binary codes.
1967 First shift register based digital voice radio (Air Force) with Low Probability Intercept (LPI) and Anti-Jam (AJ), by MRL Torrance CA.
1972 First Navy Round the Mast UHF Digital shift register radio by MRL Torrance (R&D Program).
1973-1975 First NATO shift register based UHF Modulator-Demodulator (MODEM) by MRL Torrance CA.
1975-1979 First shift registers-based L-Band GPS Navigation System (Receiver by MRL Torrance CA, Payload Transmitter by ATT Nutley NJ).
1978 Founding of Google Corp and initial new technology for Google Precision Mapping technology
1980 Apple and IBM and Chromenco and Compucolor Desktop Processors PLUS Programmable Calculator available to Public.
1985 First Smart satellite system with shift register based Communications for Tri-Service Users.
2005 Initial Services introduced for Google Maps by Google Corp for integration with GPS satellite shift register based navigation.
2010 Combining of GLONASS (Russian GPS) and US GPS under one time reference and one cell phone positioning system software package in all cell phones.

Beginning of New Era in digital communications and terrestrial navigation options using Memory Based unlimited orthogonal CSK Binary Codes

2018 FIRST STEP to NEXT Communications and Navigation System Technology Revolution: The transition from shift-register limited orthogonal binary codes to UNLIMITED ORTHOGONAL RANDOM 16ary CSK binary codes. **Patent No. US 10056937 B1 published Aug. 21, 2018,** defines 16ary Code Shift Key (CSK) Code Generators for non-shift register binary codes designed for Memory Based access to 1-second epoch orthogonal CSK code sets for NEXT Generation of Digital Communication Networking and NEXT Generation of Terrestrial Navigation Systems with 6+ fixes per second and fix accuracy to less than 6 inches.