Ham radio life

Human in rich countries will live to be 100-year. So, life will be three times in within the life span. The first period is 50 years from marriage to parenting. 30 years when the second age of man who lives for himself or herself, and then last 20 years from elderly care to waiting for death.   Hobbies can enrich their lives after retirement. Those person would be rich who are contented hobby they have. As for me, in my first life, it seems like I had lost myself and had been brought hard testing. Now crossed the middle of the second life after retirement. Even so, various hobbies such flying, astronomy, ham radio and math always came with me.Aviation has also been an own hobby long time that I've continued since the age of 16, and I've always enjoyed my life. The age limit for professional pilots is 68 years. However, experienced pilots can enjoy it as a hobby. However, today, flying hobby appears to be unrealistic because of financial and physical abilities are withered. On the other hand, I had been addicted to ham radio when I was in junior high school, just before starting flight training. At that time, Ham was said to be a hobby king.   However, when I entered college life, radio station licensee was expired. And now, for the first time in 52 years, the hobby of Ham has been restored to the third life, instead of aviation. However I do't care for chewing the rag. In the world of wireless communications, I am only interested in theory and technology. Licensees have all obtained top class licenses. Therefore, I'm not interested in party talk. Dx-pedition with CW was the main operation method at the beginning of resumption, but now the communication mode by RTTY (FSK) and FT8 has become the main. It is wonderful to be able to communicate with the world with weak radio wave output.

Link to What is FT8? The application of EME (moon reflection communication)

Math Geek's Ham Radio Blog

Time transition of QSO possible range in 20m band

Bearing angle, Ionosphere observation