

HACK THE UNIVERSE

Amateur Radio Astronomy

DISCLAIMER

sea lawyer

An old **navy** term, when at sea a **sailor** is a **law** expert, but in reality, they know nothing. Your friends might be like this.

*Trying to convince me that it was **ok** to **kill that guy** because he hit on my girlfriend proved he was quite the sea lawyer.*

- I am not a physicist, cosmologist, chemist or other field related to RA.
- My work experience and degrees are all computer network/security related.
- My interest and experience with RA are purely amateur/hobby related
- Committed to a life of understanding to the extent possible
- I do misspeak and make mistakes, there are many things I don't know (but want to)

The onus for discretionary use of the information presented herein is your responsibility

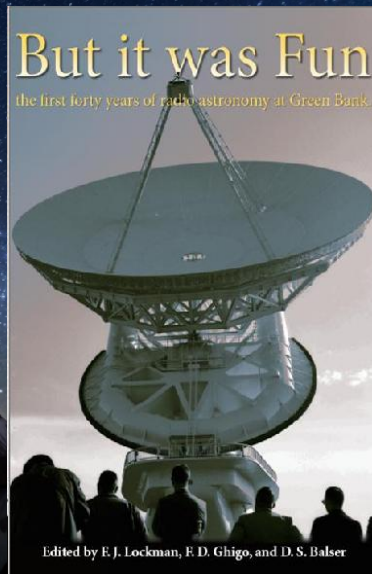
Also I'm not a lawyer, so this disclaimer is invalid

Some Introductory Concepts

What is Radio Astronomy

- Radio astronomy is the study of celestial objects that give off radio waves.
- With radio astronomy, we study astronomical phenomena that are often invisible or hidden in other portions of the electromagnetic spectrum.
- Want to make the distinction between optical and radio astronomy.
- Optical Astronomy has been around as long as people have been looking at the night sky.

RA is much newer
RA is very technology driven.



EM Spectrum

Electromagnetic Spectrum

Frequency (Hz)

