



The Golden Record, “Voyager Disks” (1977)

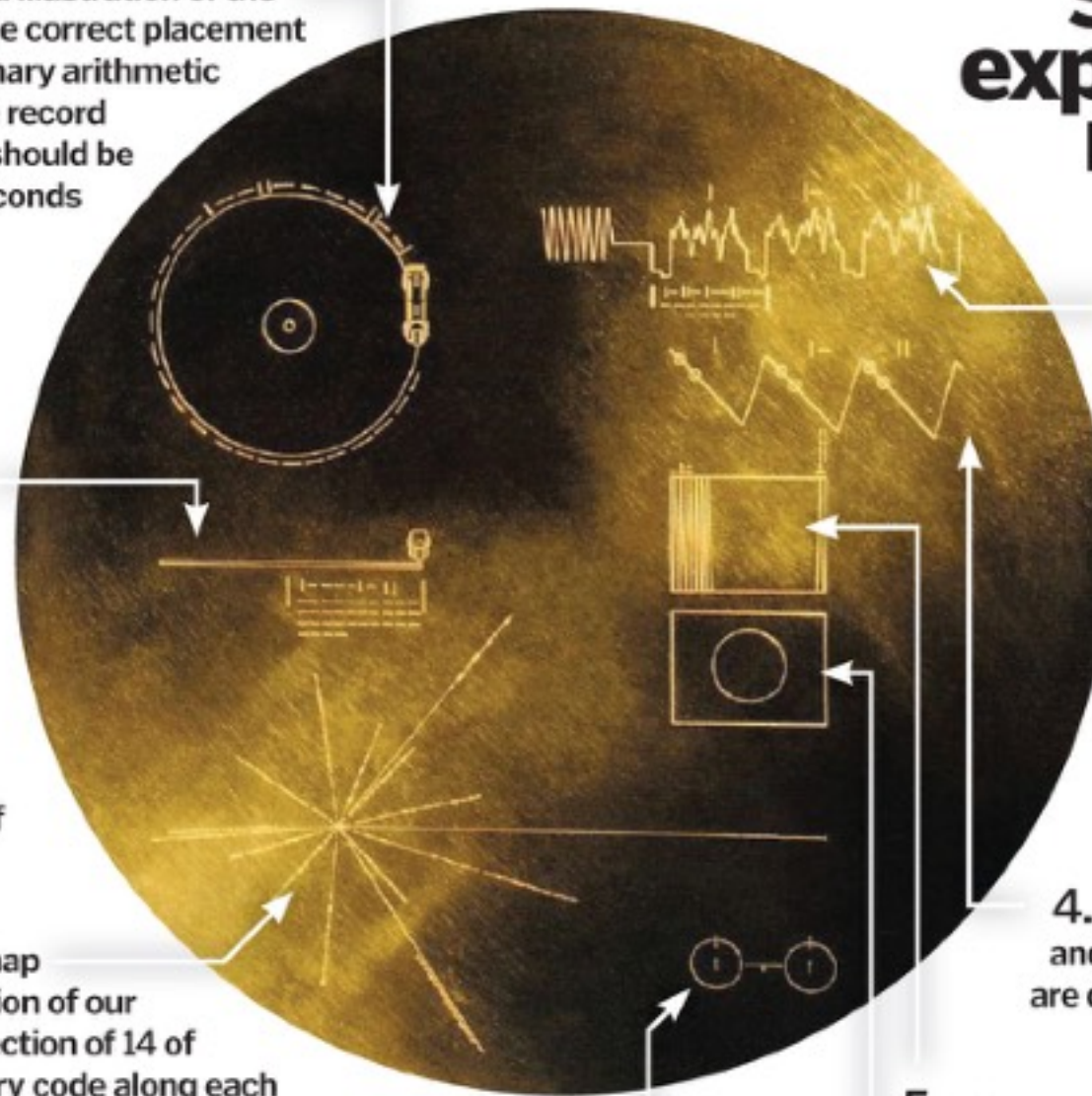
Symbols explain the record's use

1. This overhead illustration of the record shows the correct placement of the stylus. Binary arithmetic surrounding the record explains that it should be played at 3.6 seconds per rotation.

2. A side-view of record and stylus has binary arithmetic below it to show that the record has about an hour of play time.

7. This pulsar map shows the location of our Sun and the direction of 14 of its pulsars. Binary code along each pulsar gives the frequency.

8. This illustration shows the two lowest states of the hydrogen atom. The vertical lines and dots show the spin moments of each atom's proton and electron. The connecting line and '1' show that the transition from one state to another is to be used as the timescale for all pictures on the cover as well as on the record.



3. This diagram and the three below explain the images on the record. The wavelengths illustrate how pictures are constructed of analogue video signals, with binary arithmetic showing that each scan lasts eight milliseconds.

4. Picture lines one, two and three show that they are drawn vertically with a staggered interlace.

5. This is an image frame showing that each scan is vertical and each image contains 512 lines.

6. If the pictures are rendered correctly, the first image on the record should match this image.

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