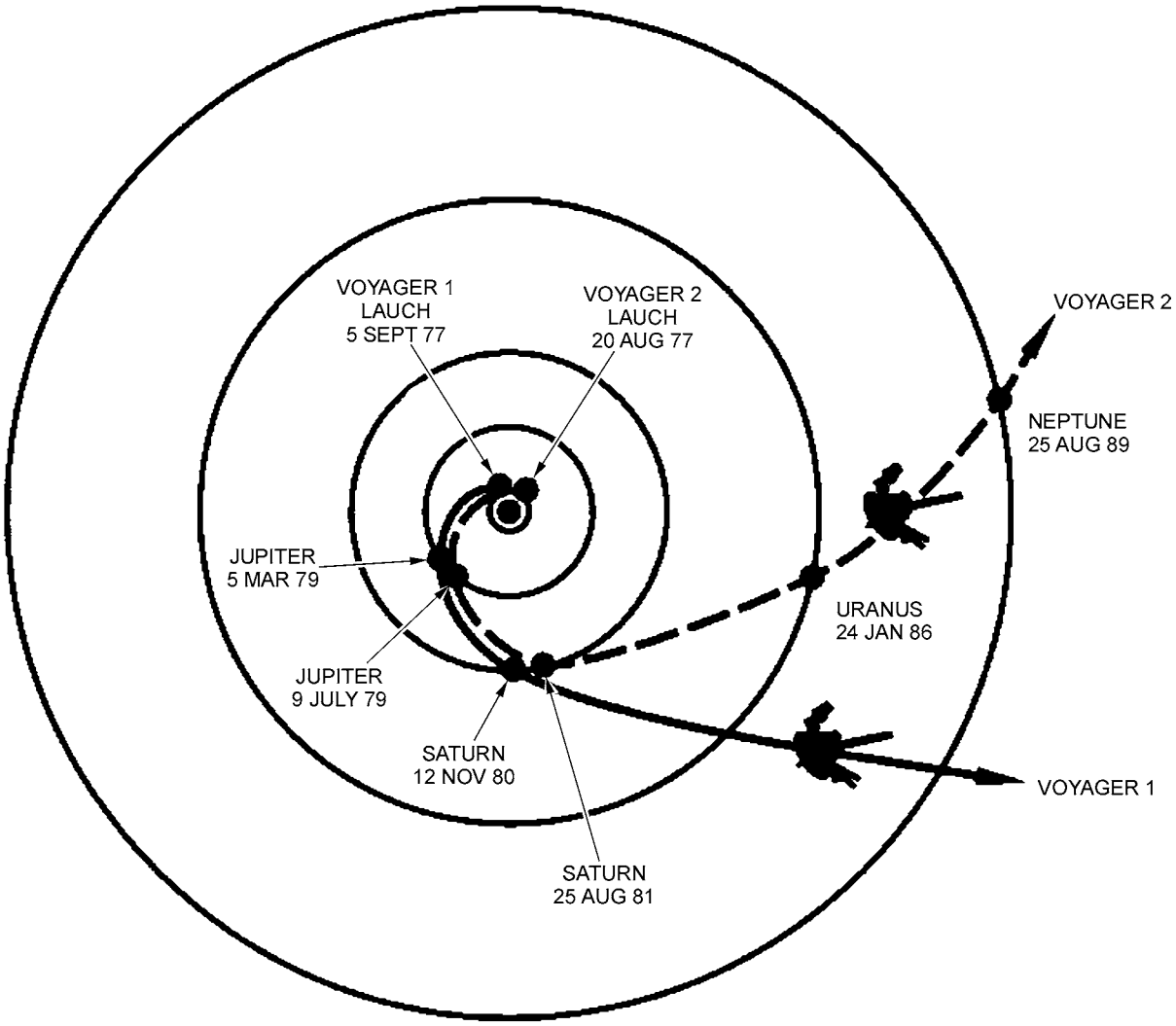
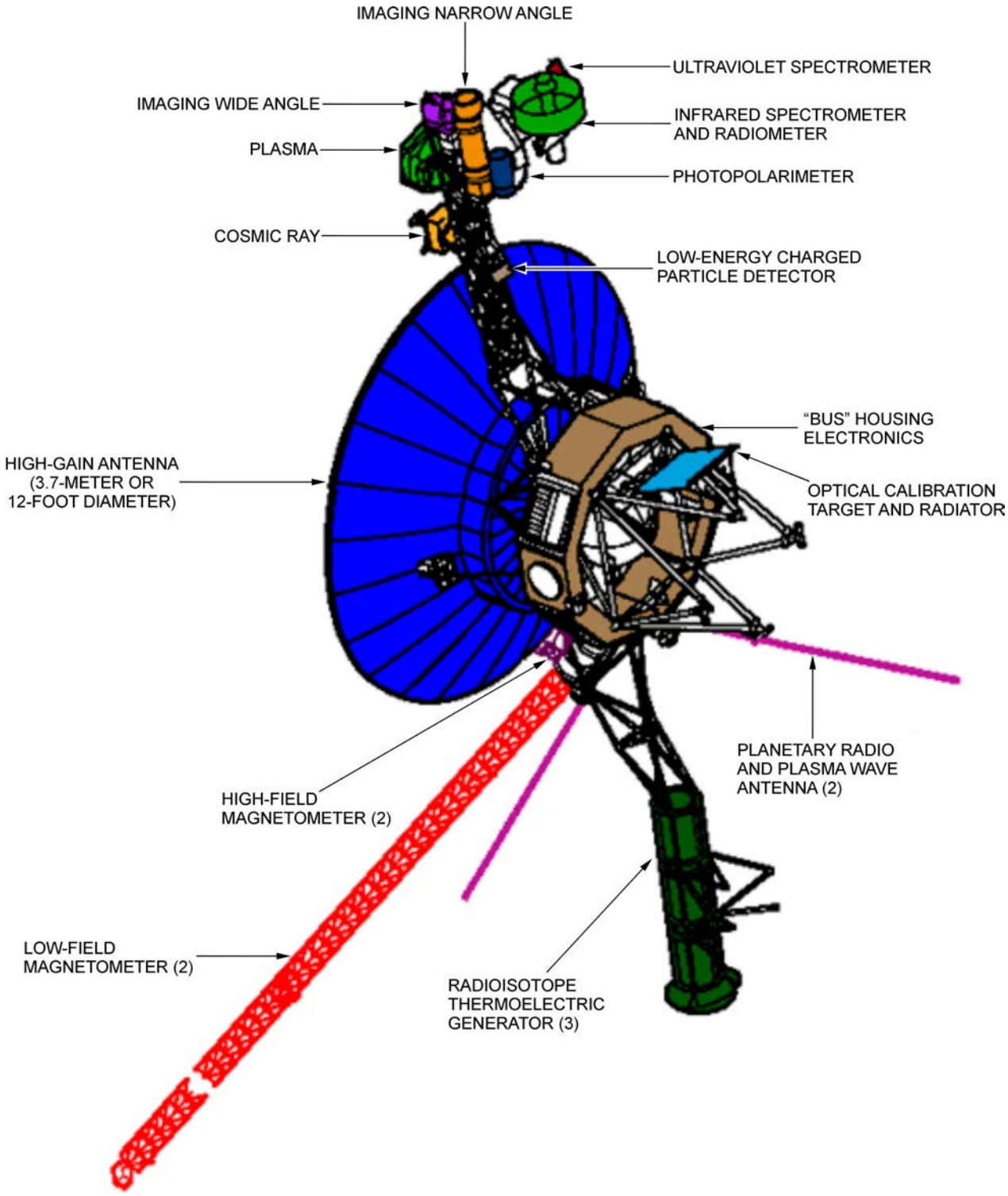
INTERSTELLAR MISSION



"Voyager: The Intersteller Mission", by NASA, 2004, Planetary Voyage. Retrieved April 8, 2008, from http://voyager.jpl.nasa.gov/science/heliocentric.html

Figure Q-1 Planetary Voyage

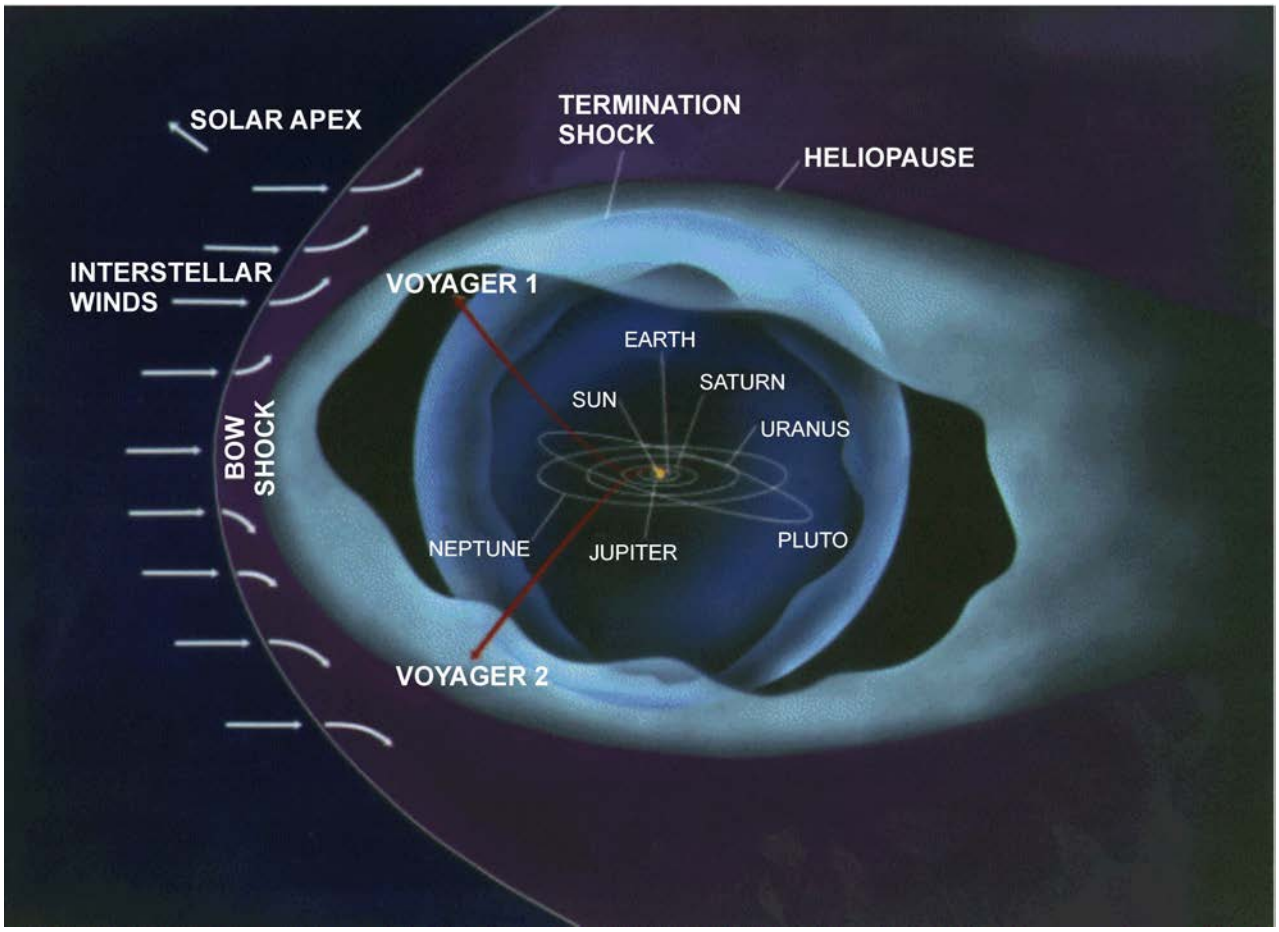
Unofficial convenience copy of A-CR-CCP-803/PF-001, cached 2026-11-08 from https://app.cadets.gc.ca/cadet-publications/A-CR-CCP-803-PF-001/A-CR-CCP-803-PF-001.pdf.
Verify against the official publication.



"Voyager: The Intersteller Mission", by NASA, 2004, Voyager Spacecraft. Retrieved April 8, 2008, from http://voyager.jpl.nasa.gov/spacecraft/instruments.html

Figure Q-2 Voyager Configuration

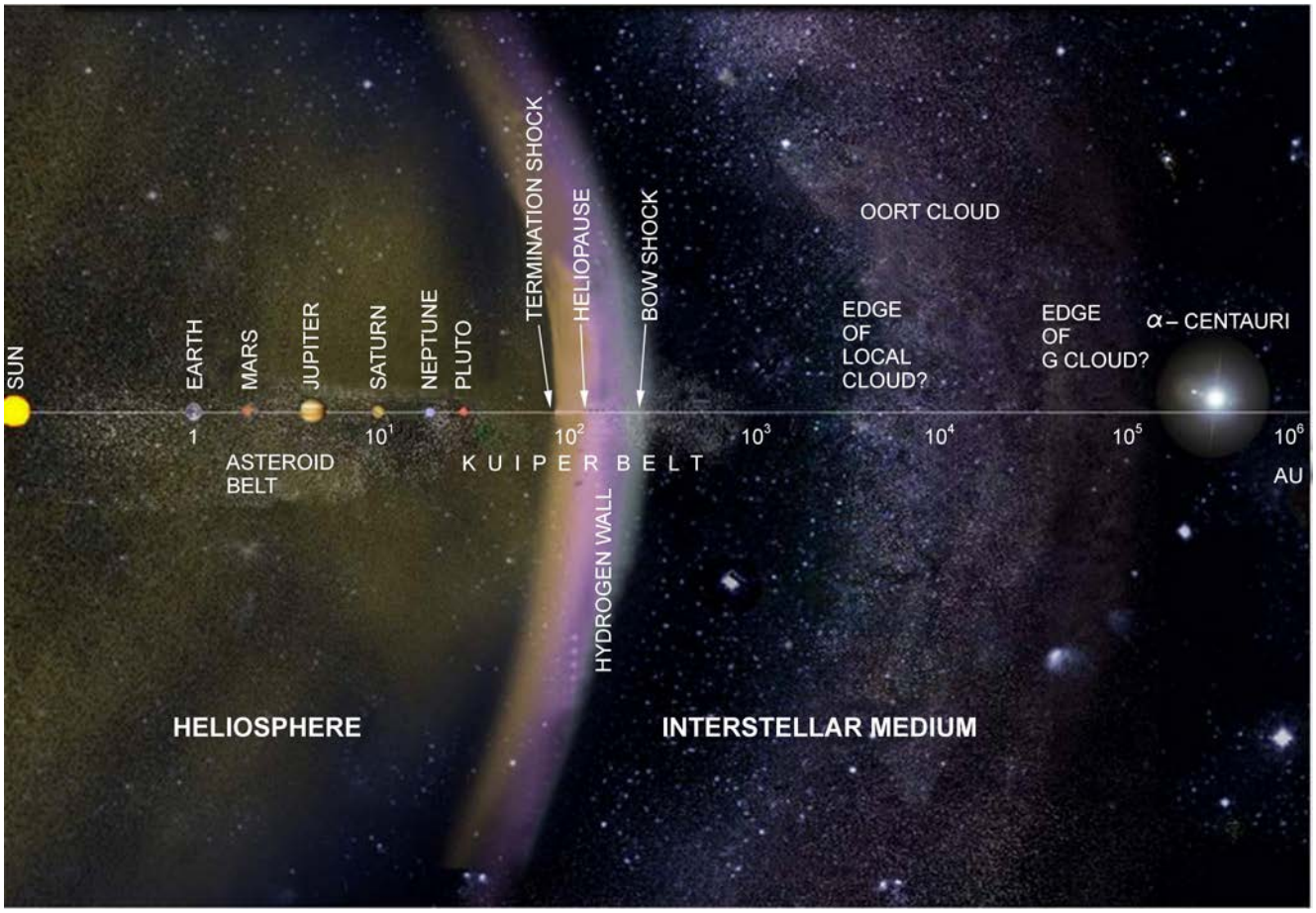
Unofficial convenience copy of A-CR-CCP-803/PF-001, cached 2026-11-08 from https://app.cadets.gc.ca/cadet-publications/A-CR-CCP-803-PF-001/A-CR-CCP-803-PF-001.pdf.
Verify against the official publication.



"Voyager: The Interstellar Mission", by NASA, 2007, Overview. Retrieved April 8, 2008, from http://voyager.jpl.nasa.gov/mission/mission.html

Figure Q-3 Voyager Interstellar Mission

Unofficial convenience copy of A-CR-CCP-803/PF-001, cached 2026-11-08 from https://app.cadets.gc.ca/cadet-publications/A-CR-CCP-803-PF-001/A-CR-CCP-803-PF-001.pdf.
Verify against the official publication.



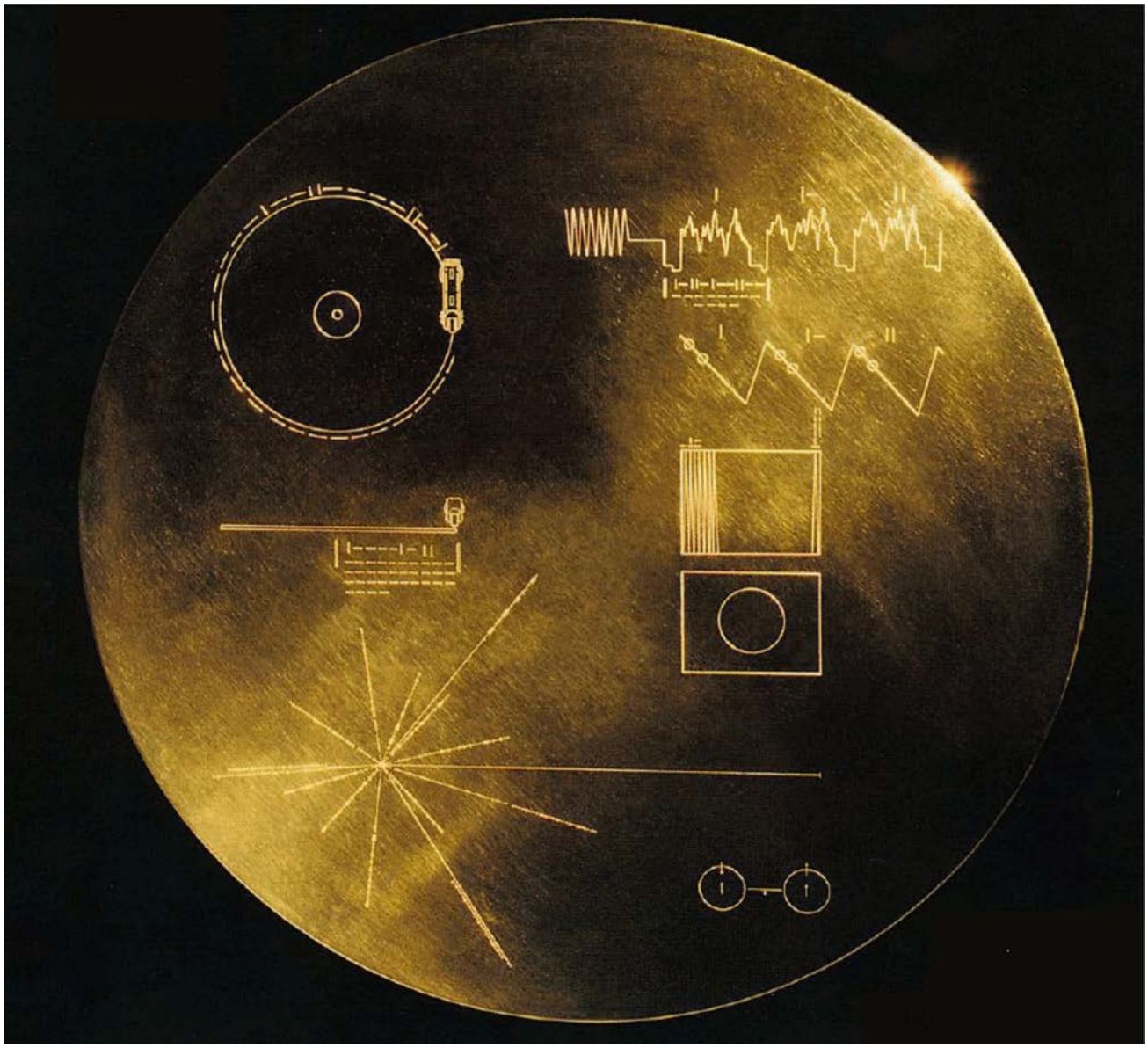
"Voyager: The Intersteller Mission", by NASA, 2004, Did You Know: Interesting Facts About the Voyager Mission. Retrieved April 8, 2008, from http://voyager.jpl.nasa.gov/mission/didyouknow.html

Figure Q-4 Sol's Heliopause

For current distances of the Voyagers, cadets can check mission weekly reports at NASA website http://voyager.jpl.nasa.gov/mission/weekly-reports/index.htm.

The distance from earth to the sun (approximately 149 598 000 km – this dimension is not perfectly stable) is said to be one astronomical unit (AU). Such a huge unit of measure is useful when dealing with astronomical dimensions. The vertical dimension shown in Figure 15Q-4 is therefore approximately 5 AU. The horizontal dimension, however, includes all the space between earth's sun, Sol, and Alpha Centauri – Sol's closest neighbour – 277 600 AU. To cover this vast space, the horizontal scale was altered so that it increases as the viewer moves from left to right. The scale changes are marked on the central horizontal line, as 10^1,10^2,10^3 10^4,10^5 and 10^6. This means that the distance between each pair of marks on the horizontal line is ten times larger than the distance between the preceding pairs of marks. That is, Saturn's orbit is only 10 AU from the sun, 10^3 is one thousand AU from the sun, while 10^6 is one million AU from the sun – well past Alpha Centauri. This method (logarithmic representation) is necessary for representing astronomical distances.

Unofficial convenience copy of A-CR-CCP-803/PF-001, cached 2026-11-08 from https://app.cadets.gc.ca/cadet-publications/A-CR-CCP-803-PF-001/A-CR-CCP-803-PF-001.pdf.
Verify against the official publication.



"Voyager: The Intersteller Mission", by NASA, 2003, The Golden Record. Retrieved April 8, 2008, from http://voyager.jpl.nasa.gov/spacecraft/goldenrec1.html

Figure Q-5 The Golden Record

Unofficial convenience copy of A-CR-CCP-803/PF-001, cached 2026-11-08 from https://app.cadets.gc.ca/cadet-publications/A-CR-CCP-803-PF-001/A-CR-CCP-803-PF-001.pdf.
Verify against the official publication.

THIS PAGE INTENTIONALLY LEFT BLANK

Unofficial convenience copy of A-CR-CCP-803/PF-001, cached 2026-11-08 from https://app.cadets.gc.ca/cadet-publications/A-CR-CCP-803-PF-001/A-CR-CCP-803-PF-001.pdf.
Verify against the official publication.