

Apollo 15: Lunar Rover

INST 154

Apollo at 50

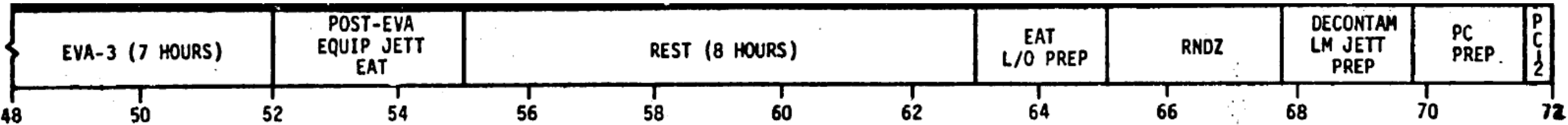
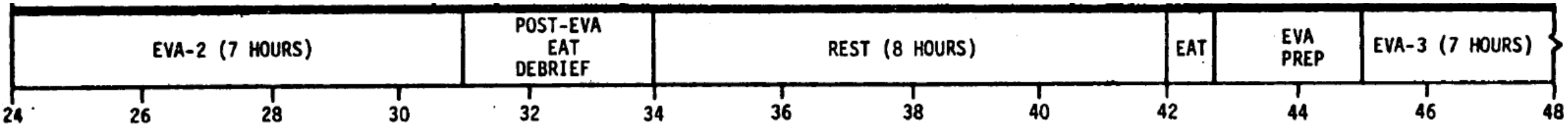
Cancellations

- January 1970
 - Apollo 20 was cancelled to provide a Saturn V for Skylab
 - Apollo 18 and Apollo 19 were delayed until after Skylab to provide a backup
- April 1970
 - Apollo 14 was assigned to repeat the aborted Apollo 13 mission to Fra Mauro
- September 1970
 - Apollo 18 and 19 were cancelled for financial reasons
 - Apollo 15's planned H mission was converted to a J mission
 - Apollo 16 and Apollo 17 would also fly J missions, as originally planned



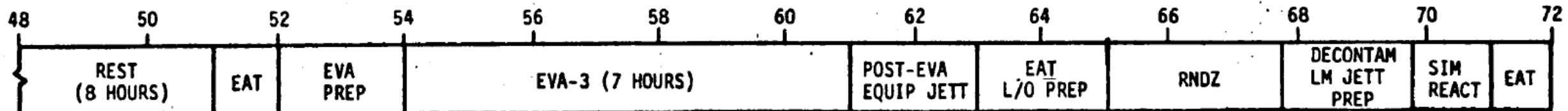
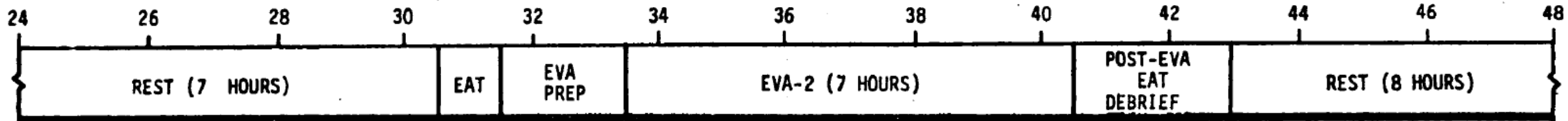
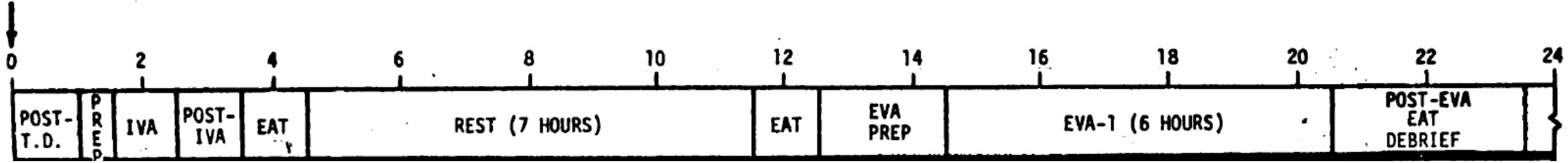
EVA-First Plan

TOUCHDOWN



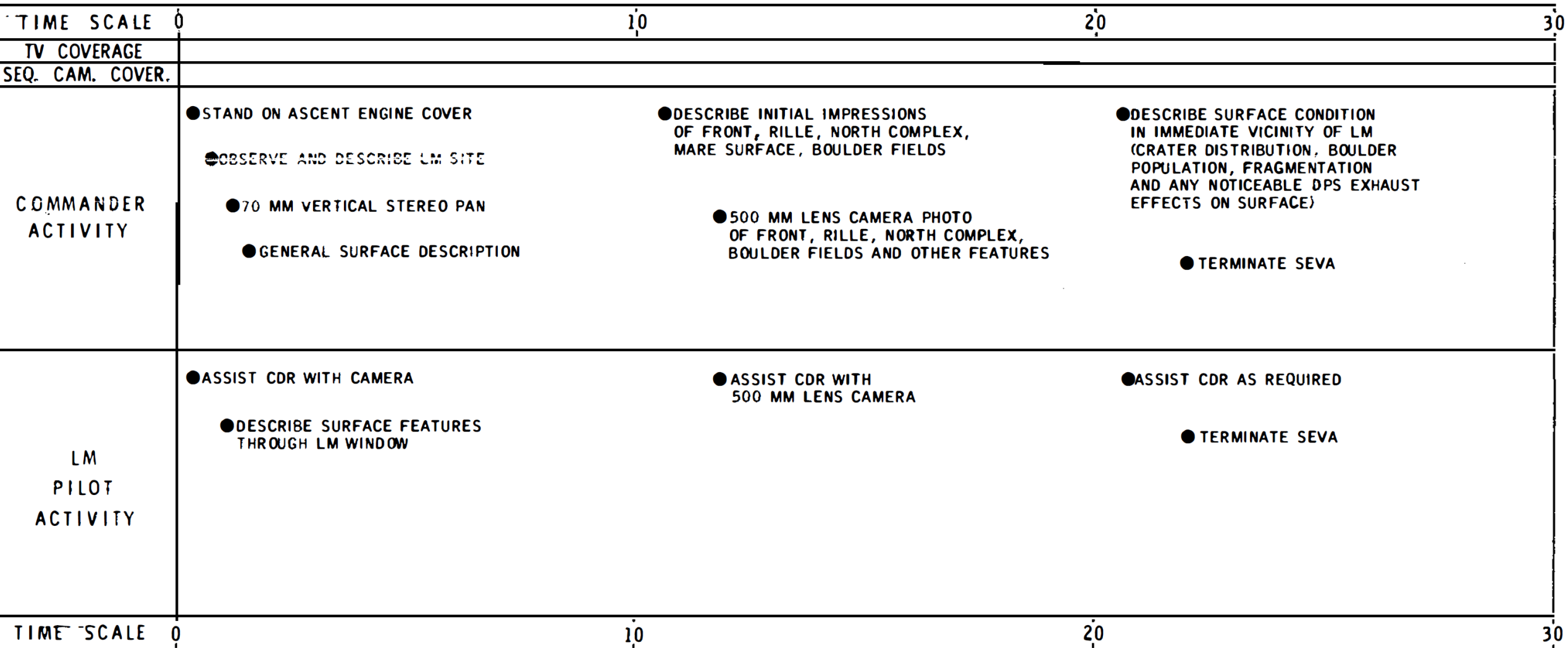
Sleep-First Plan

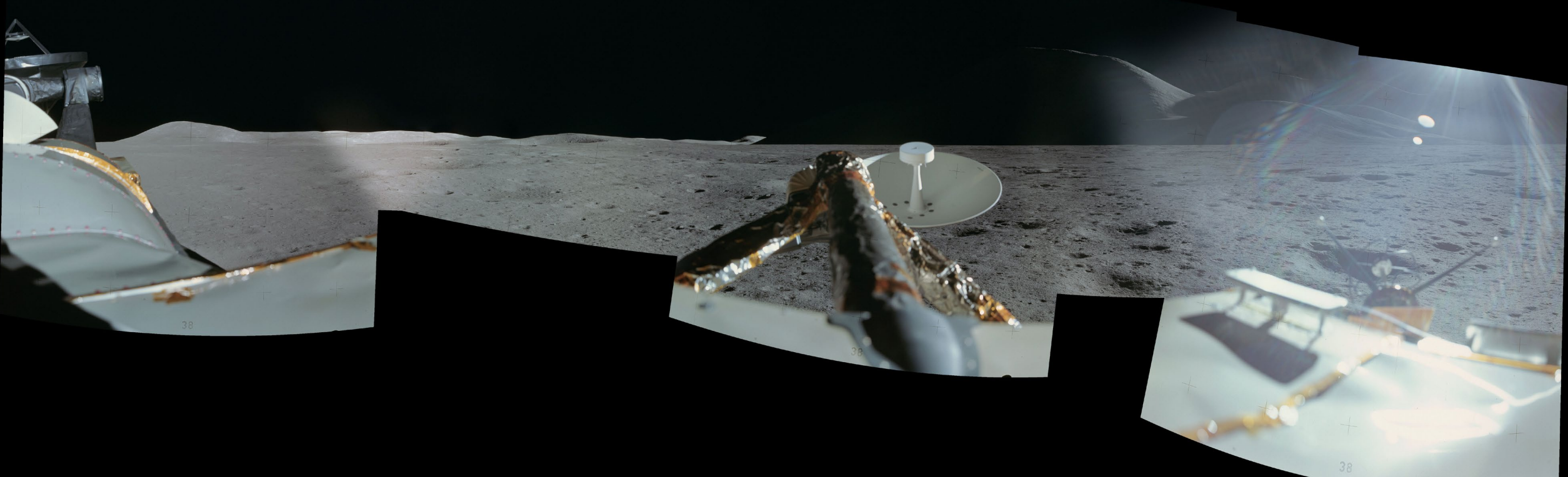
TOUCHDOWN

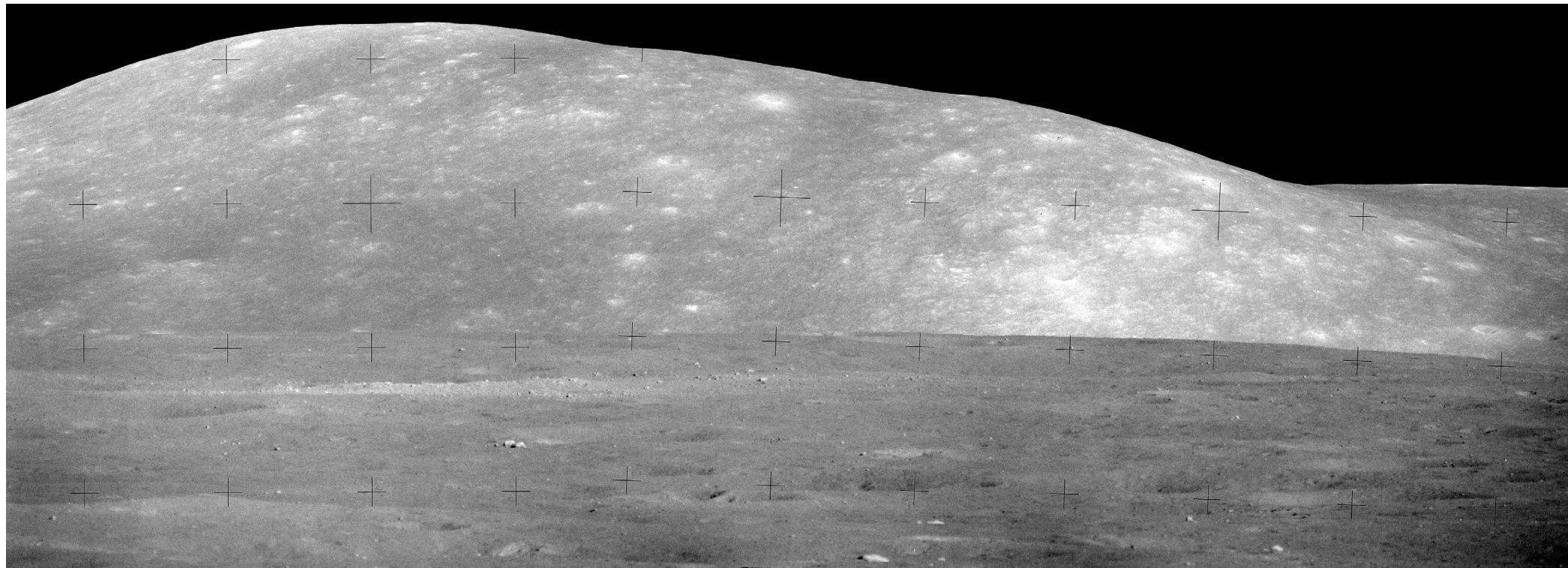
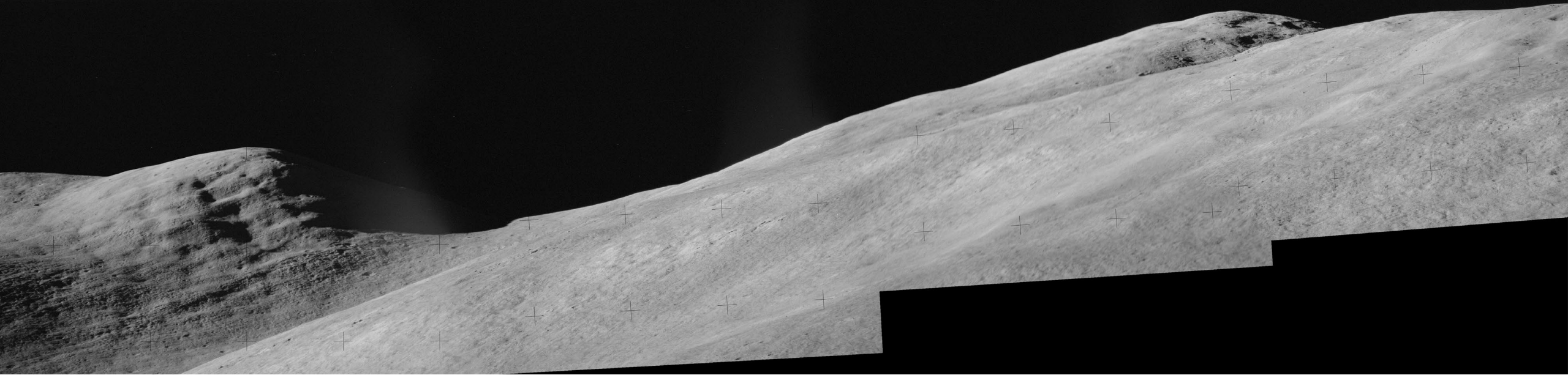


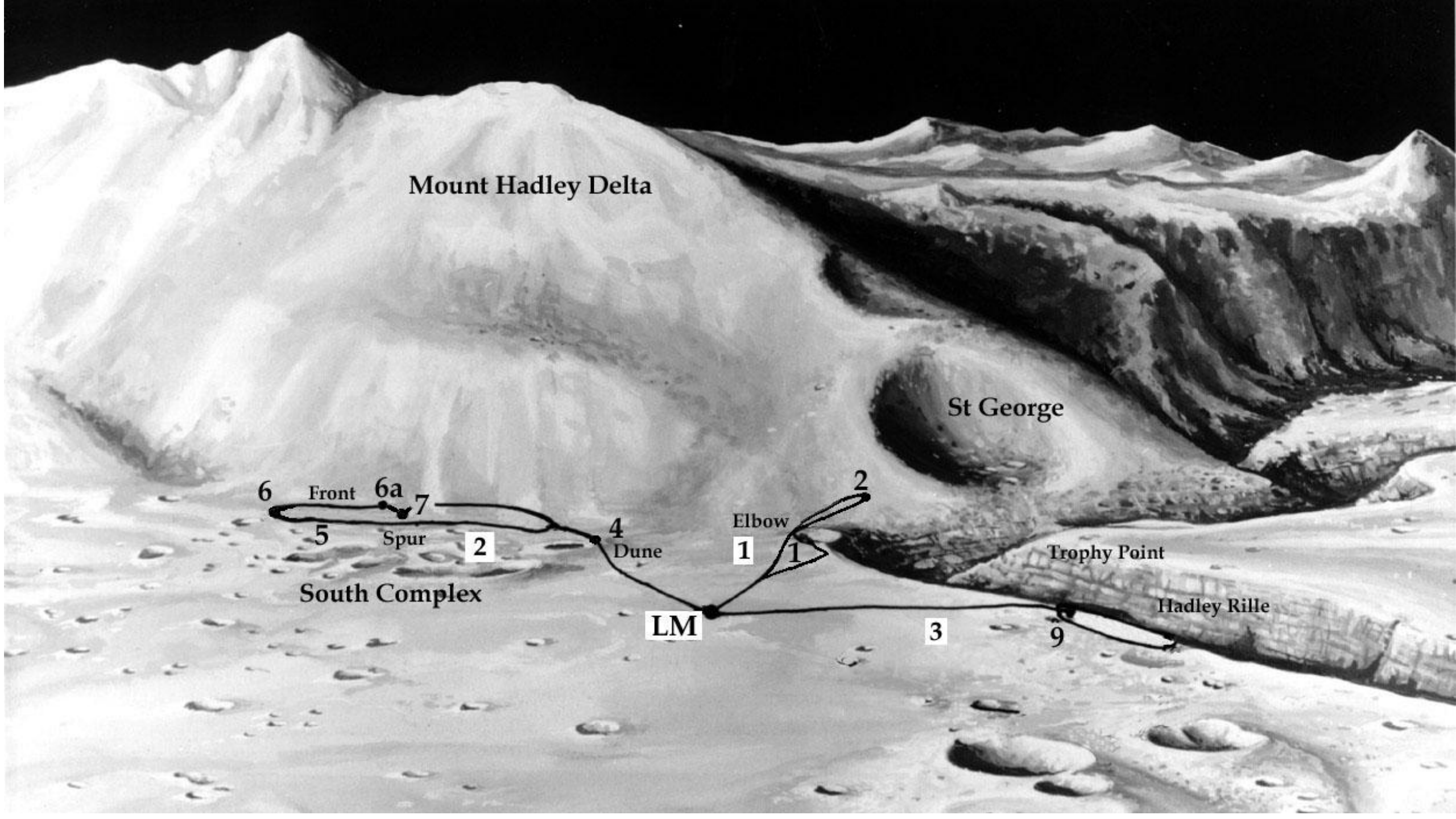
APOLLO 15 SUMMARY TIMELINE

LUNAR SURFACE SEVA









Mount Hadley Delta

St George

6 Front 6a 7
5 Spur

2

4 Dune

Elbow
1 1

2

Trophy Point

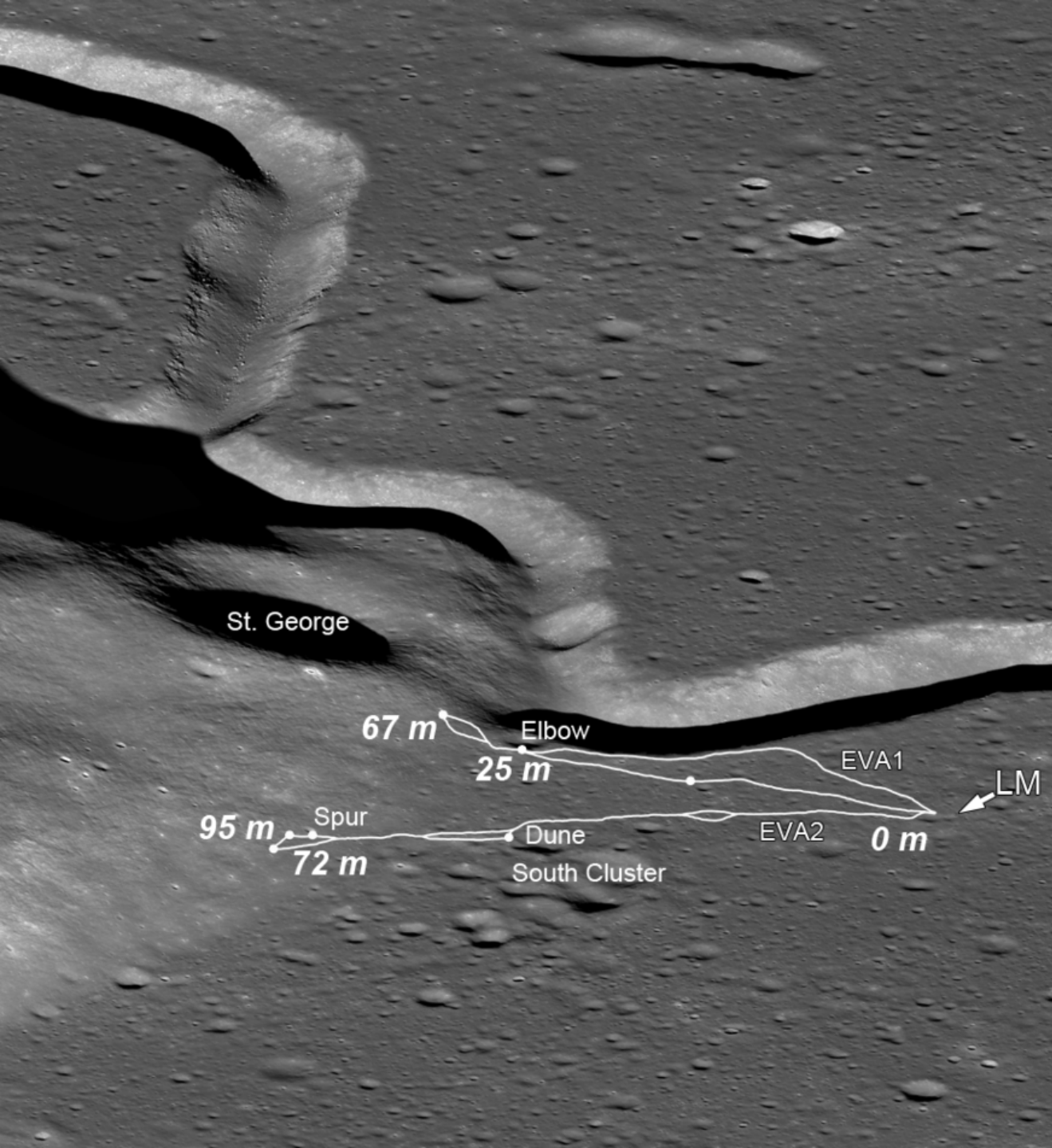
South Complex

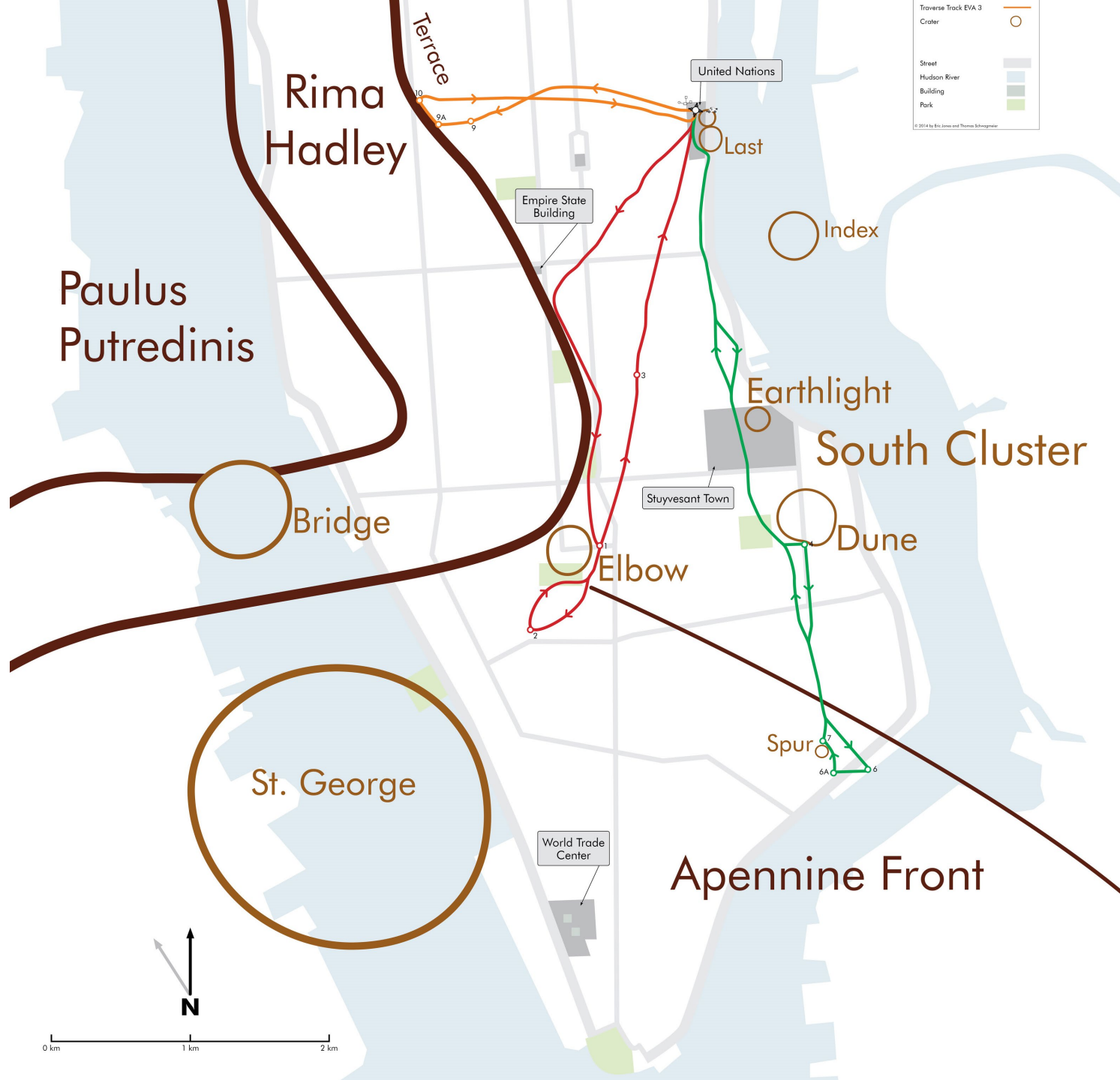
LM

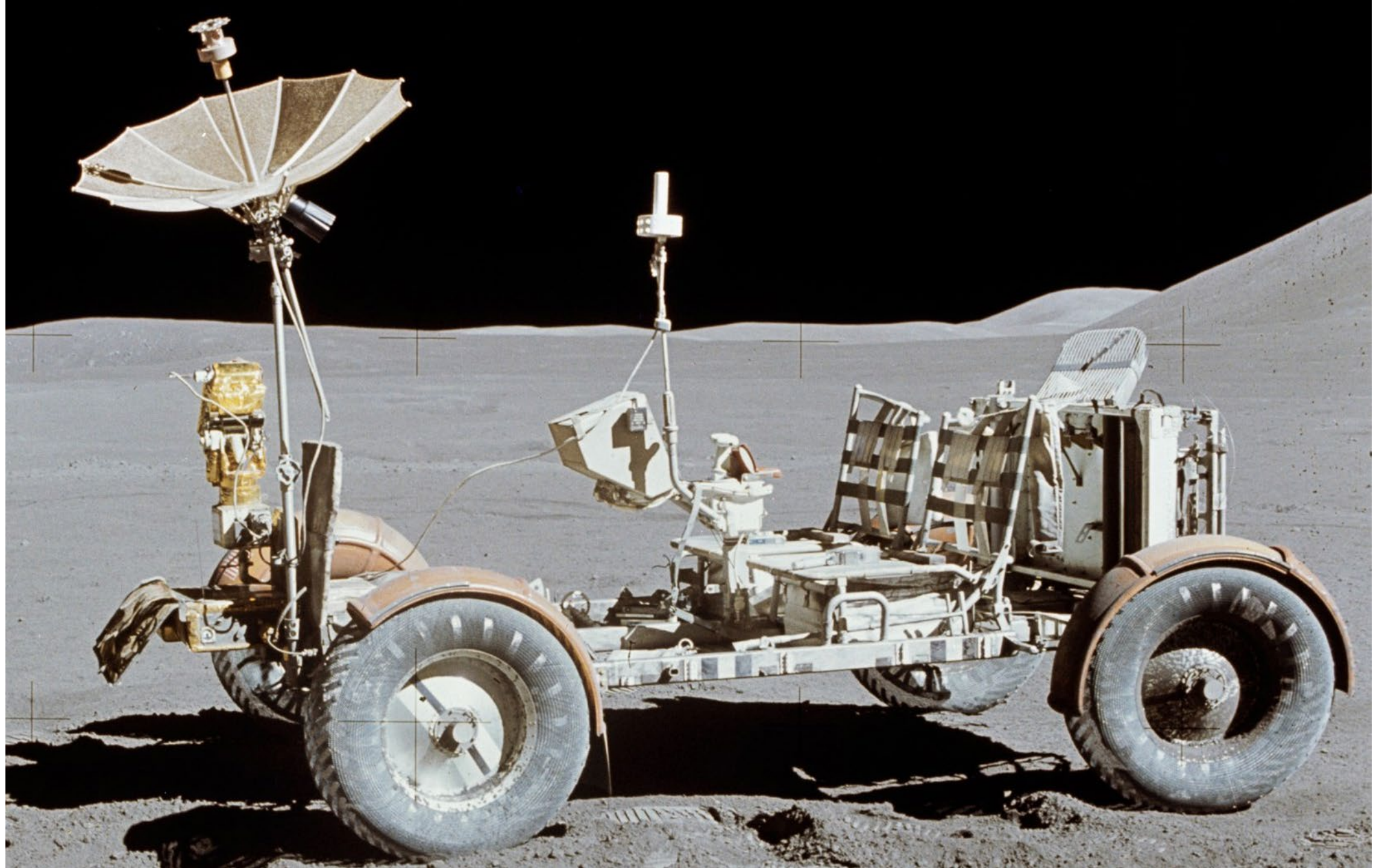
3

9

Hadley Rille

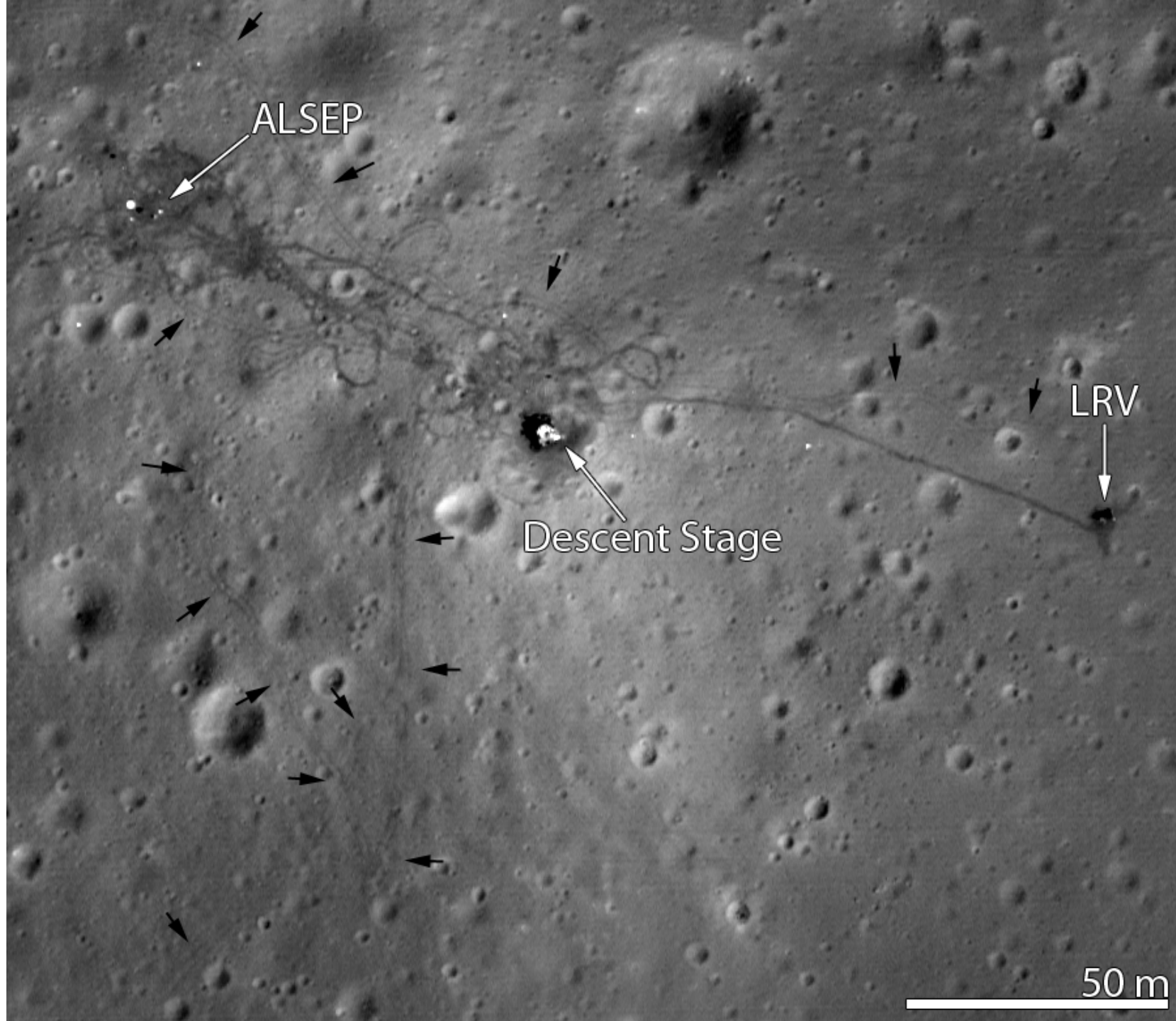






Animation





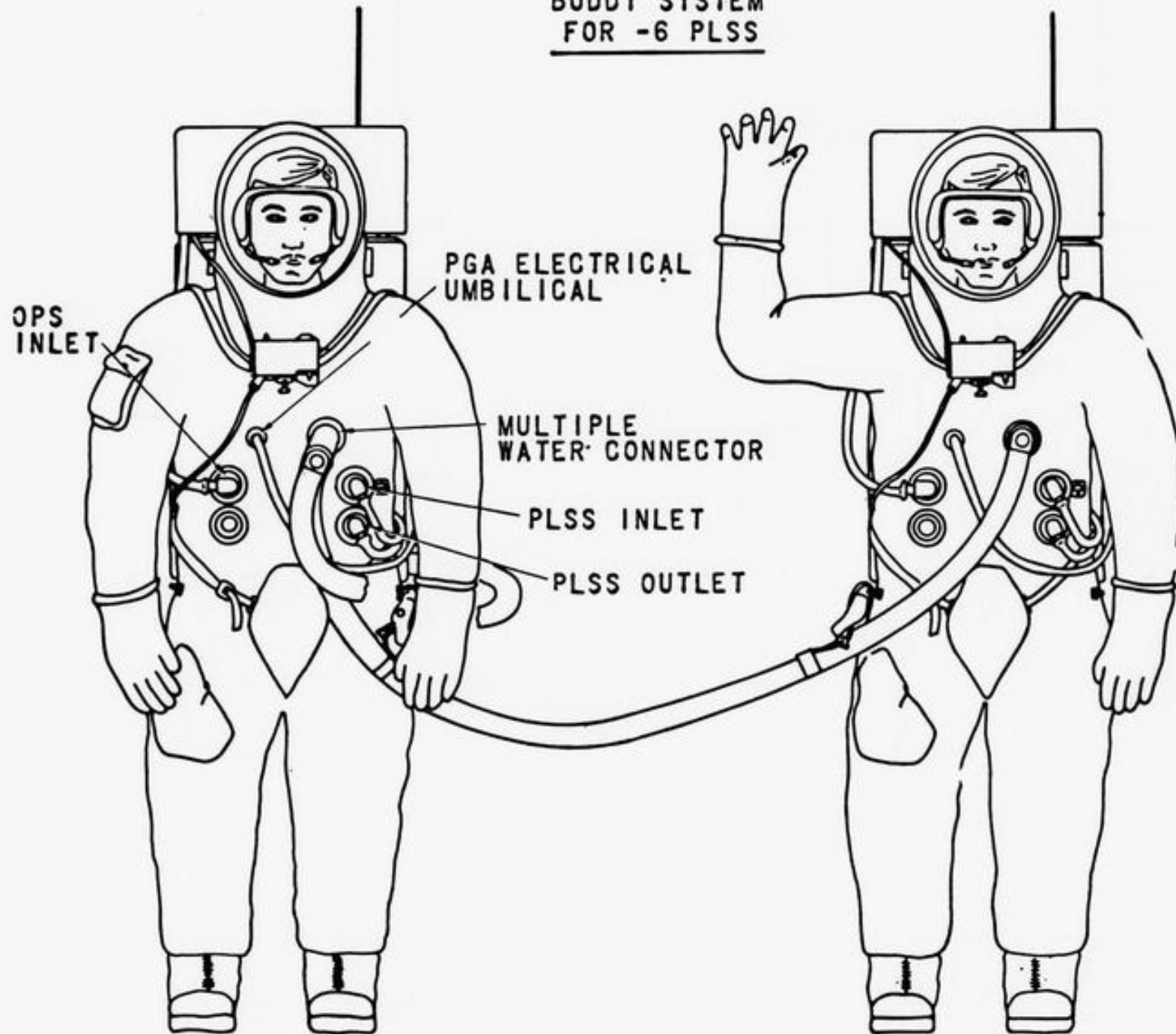
ALSEP

Descent Stage

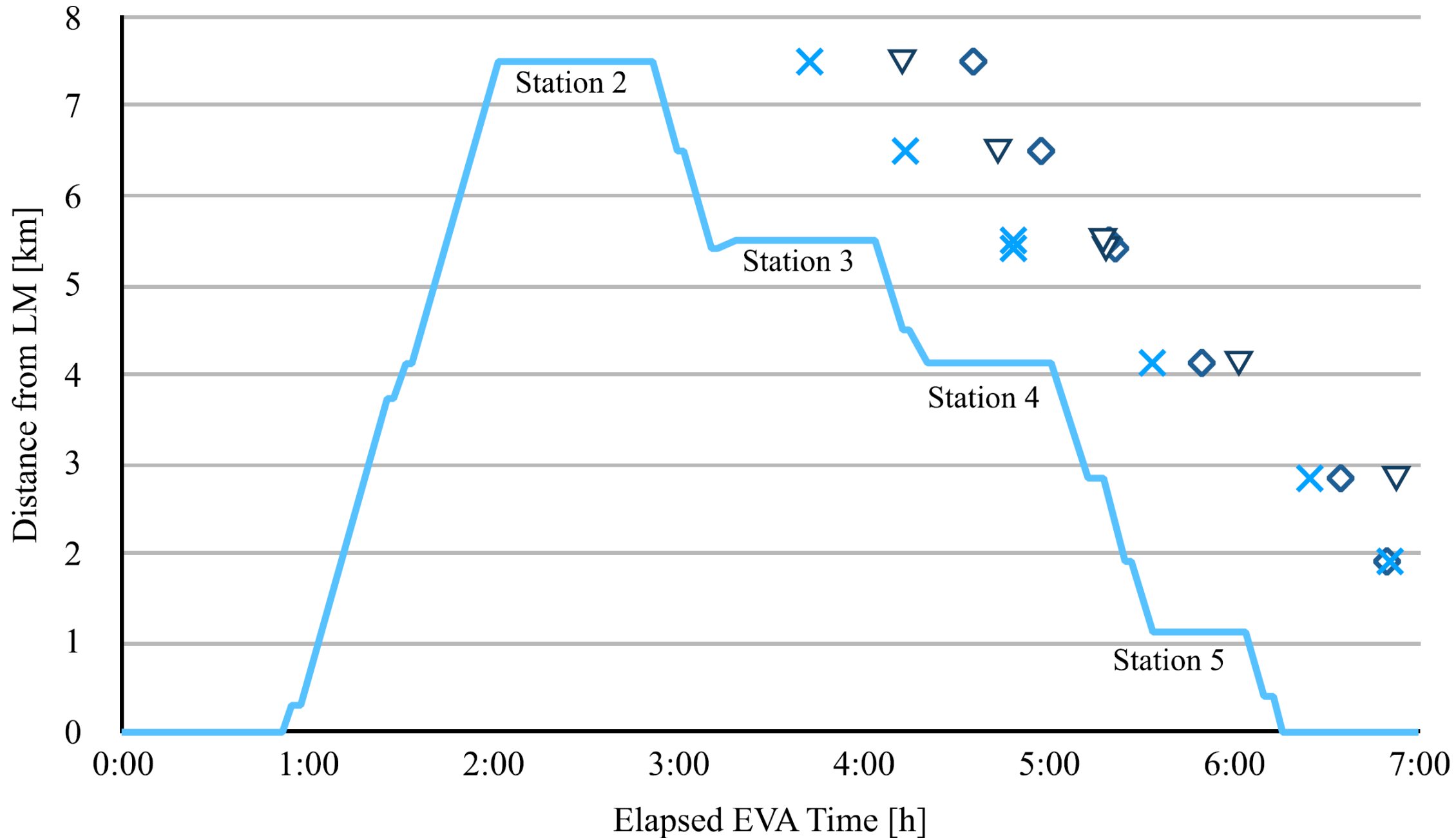
LRV

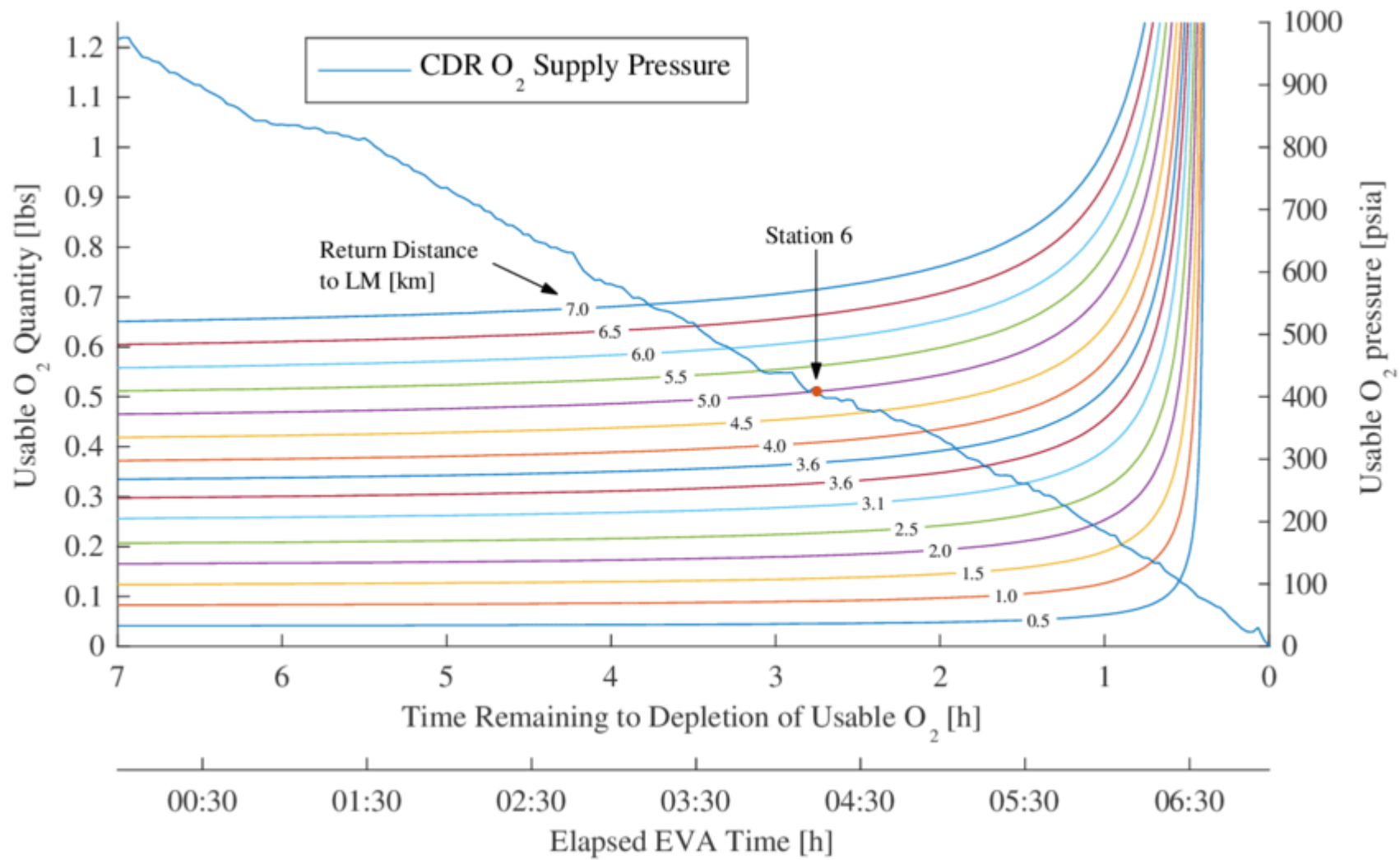
50 m

BUDDY SYSTEM
FOR -6 PLSS



× Oxygen Margin ◇ Battery Charge Margin ▽ Feedwater Margin





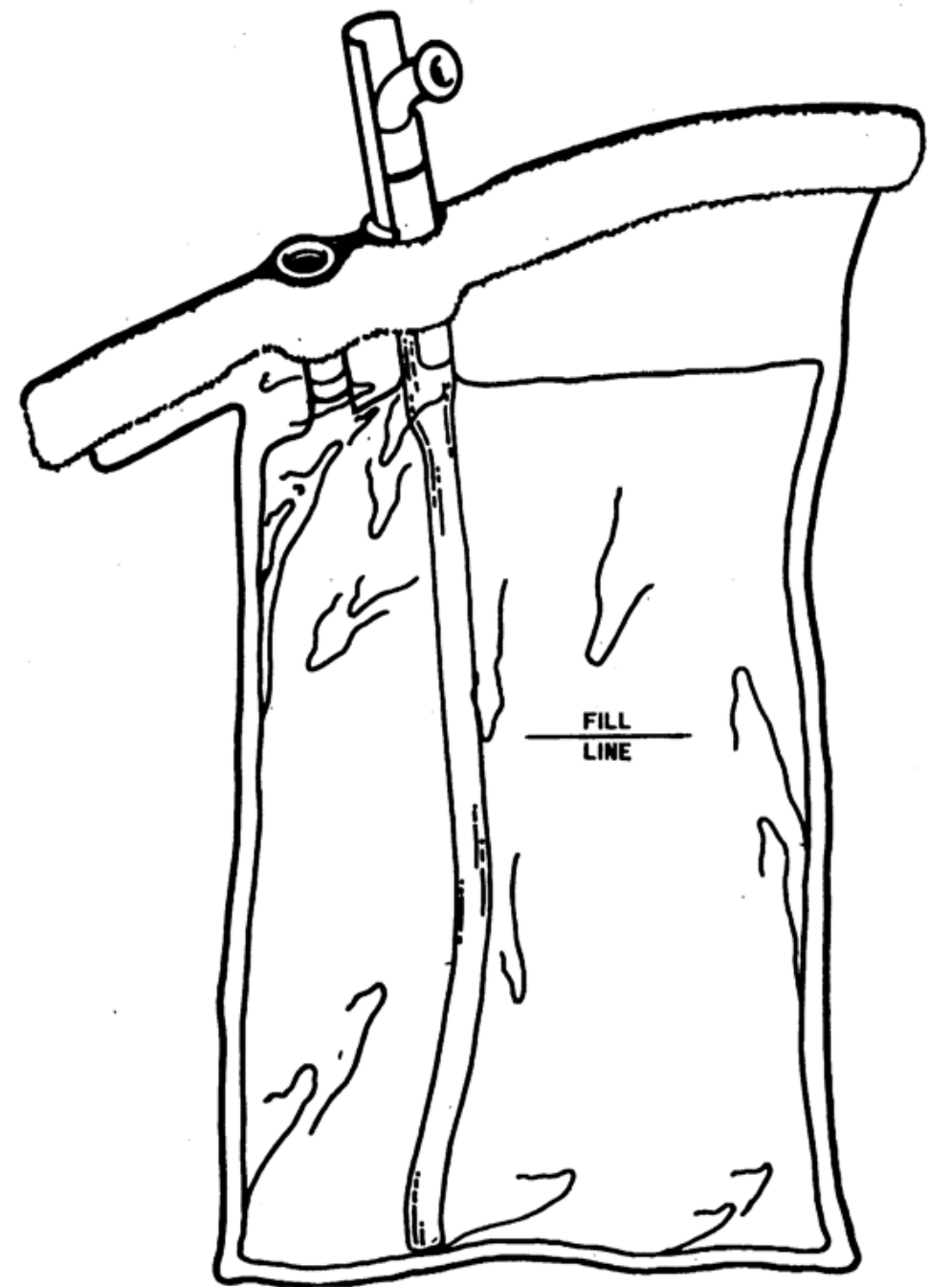
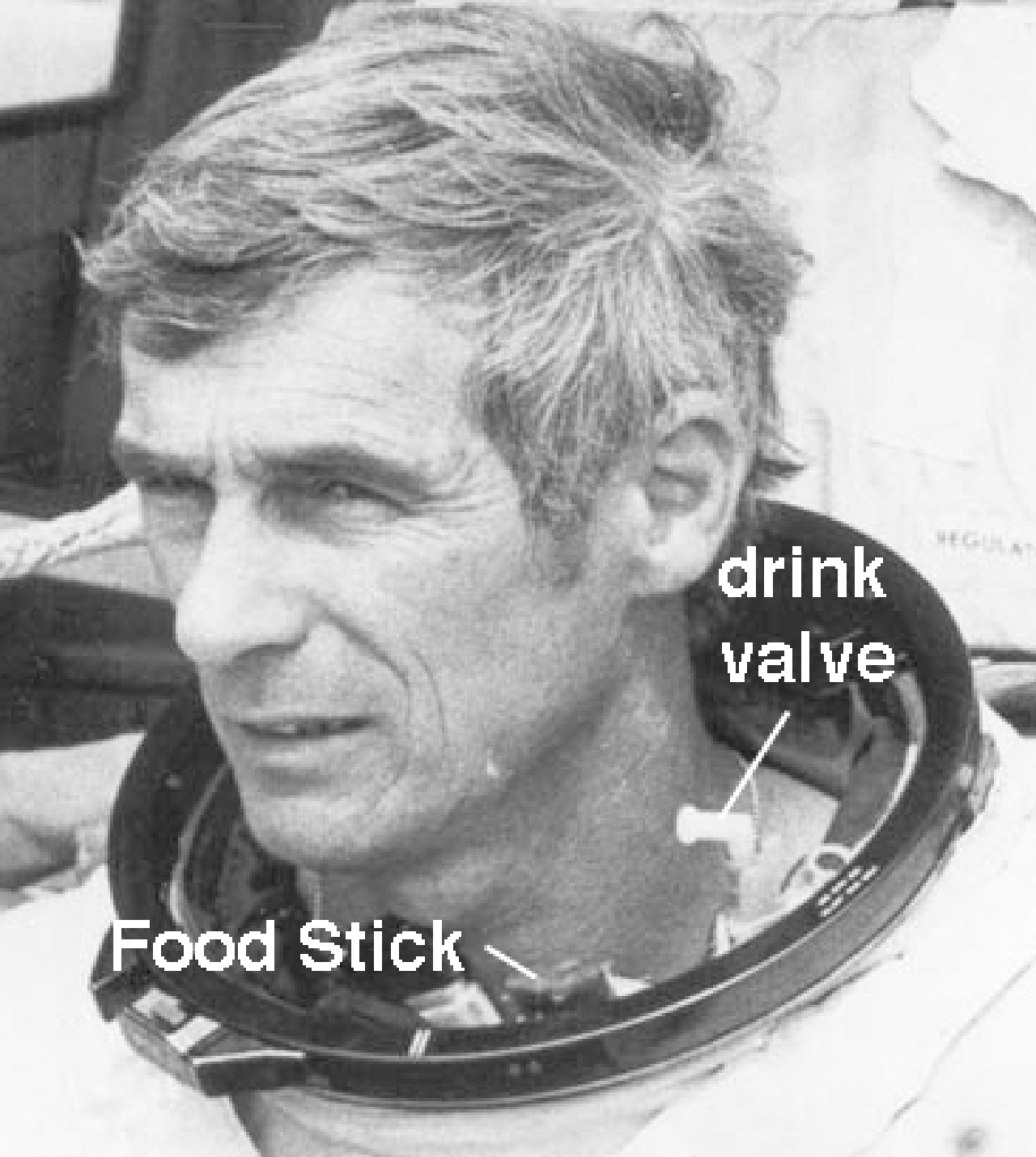
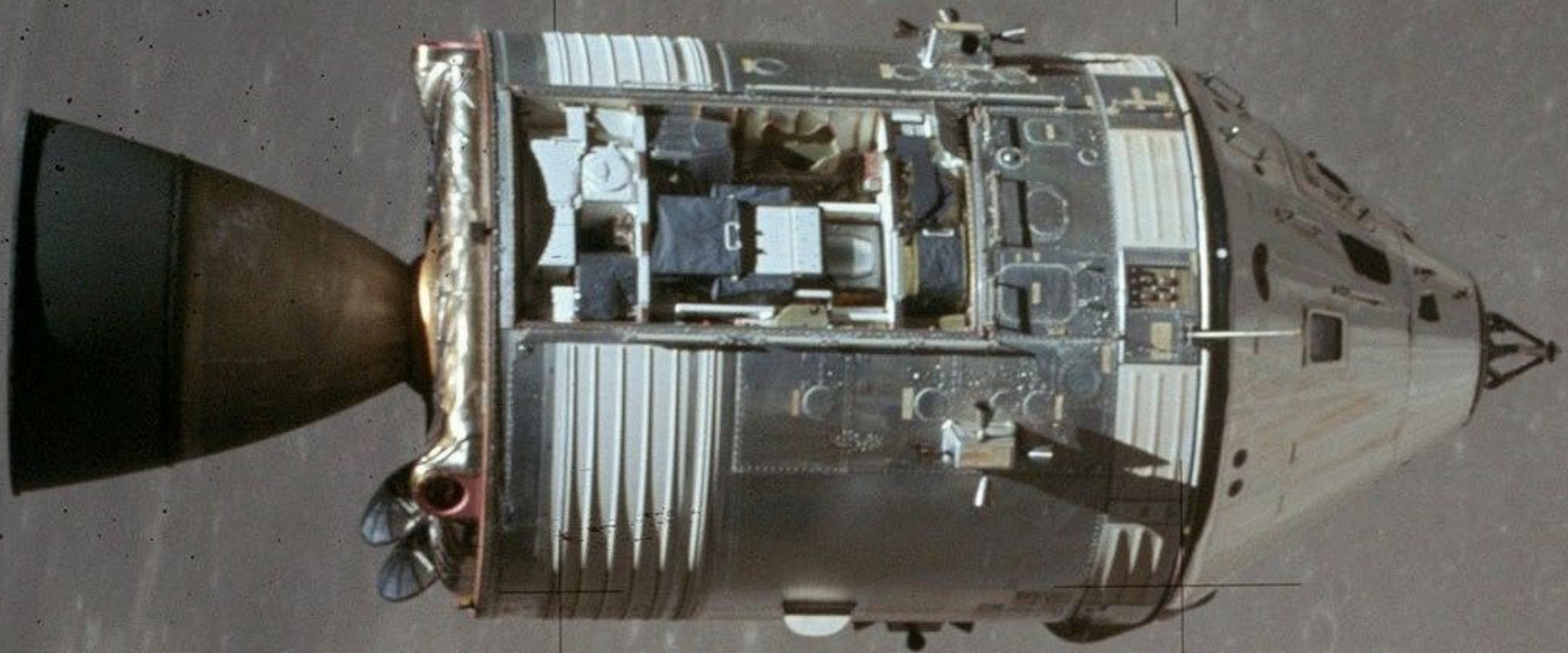
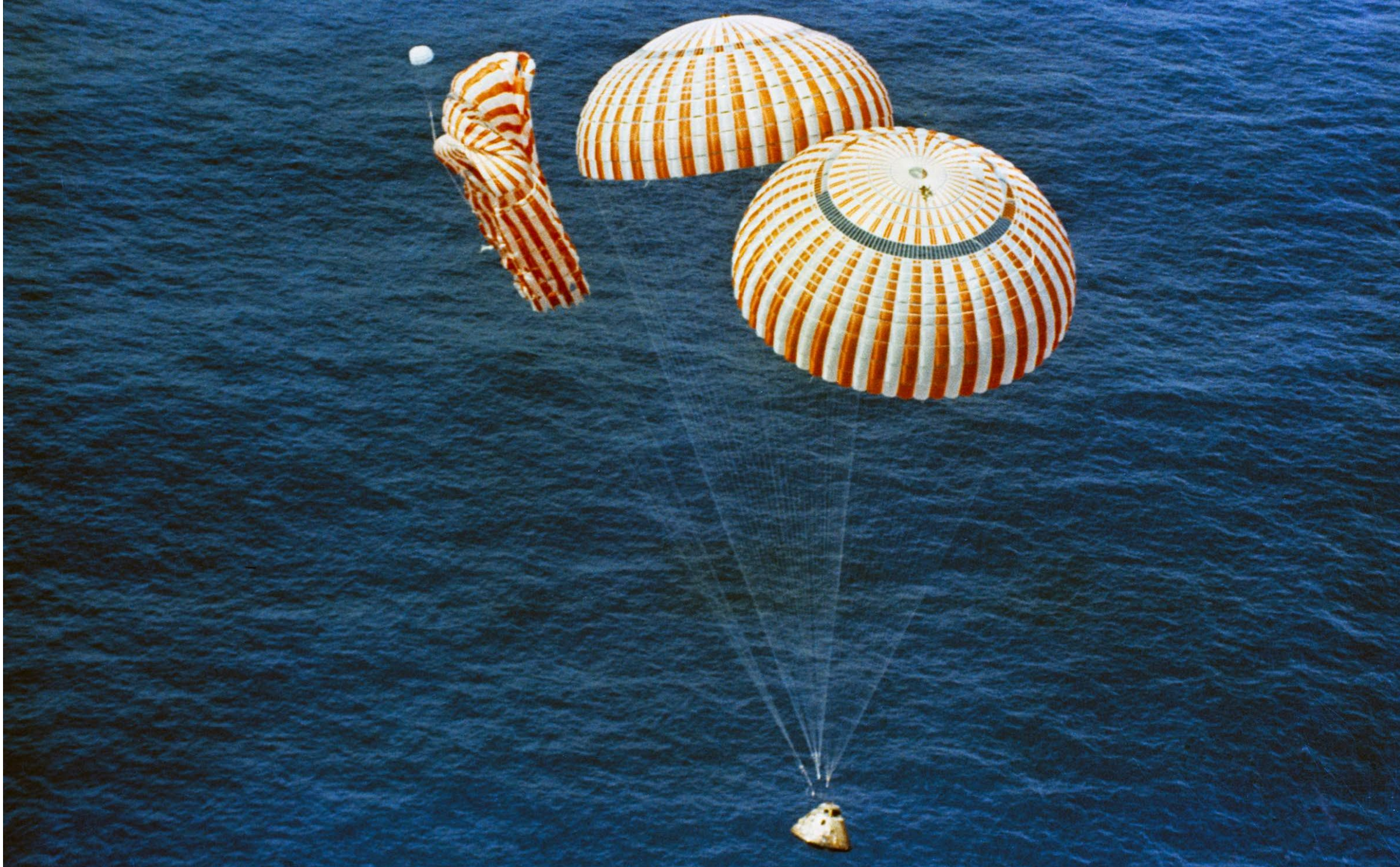


Figure 2-26.- Insuit drinking device.







Discussion Groups

- Worden and El Baz video
 - A discussion of the science performed in Lunar Orbit
- Chaikin Chapter 11 (“To the Mountains of the Moon”)
 - The astronaut’s view of Apollo 15
- Harland Chapter 5
 - A detailed look at the Apollo 15 moonwalks
- Apollo Lunar Surface Journal
 - Annotated transcripts from the lunar portion of the mission