

STATION **A** 

Distance **179m**

Elevation Change **-3m**



STATION **B** 

Distance **367m**



B1 



B2 



B3 



1
00:00:00,400 --> 00:00:02,133

During the Apollo era,

2
00:00:02,133 --> 00:00:04,933

six missions landed on the near side of the Moon,

3
00:00:04,933 --> 00:00:07,133

each with unique stories to tell.

4
00:00:07,133 --> 00:00:11,833

Here we are visiting the Apollo 14 landing site, known as Fra Mauro,

5
00:00:11,833 --> 00:00:15,433

as imaged and mapped by NASA's Lunar Reconnaissance Orbiter.

6
00:00:15,433 --> 00:00:19,150

The base of the Lunar Module Antares can still be seen on the surface.

7
00:00:22,650 --> 00:00:25,750

The orange line is the outbound path that astronauts Al Shepard

8
00:00:25,750 --> 00:00:28,616

and Ed Mitchell took on their second moonwalk.

9
00:00:28,616 --> 00:00:31,150

Their destination was the rim of Cone crater,

10
00:00:31,150 --> 00:00:34,933

about a mile away on the far side of a fairly steep hill.

11
00:00:39,500 --> 00:00:42,266

The trouble was, they couldn't see Cone crater at any

12
00:00:42,266 --> 00:00:44,466

point along the way, and their map

13
00:00:44,466 --> 00:00:47,766

wasn't of high enough resolution to be helpful.

14

00:00:50,416 --> 00:00:53,483

As they hiked, they had to drag a two-wheeled tool caddy

15

00:00:53,483 --> 00:00:57,450

called the Modular Equipment Transporter or MET.

16

00:00:57,450 --> 00:00:59,883

In the low gravity and rough terrain of the Moon,

17

00:00:59,883 --> 00:01:02,383

the MET was always on the verge of tipping over.

18

00:01:12,566 --> 00:01:15,366

It took two and a half hours to reach station C1,

19

00:01:15,366 --> 00:01:17,033

thirty minutes longer than planned,

20

00:01:17,033 --> 00:01:20,233

but they still couldn't see Cone and had to start their return

21

00:01:20,233 --> 00:01:22,200

hike to the Lunar Module.

22

00:01:22,200 --> 00:01:24,483

They didn't know it at the time, but as this LRO

23

00:01:24,483 --> 00:01:26,750

imagery shows, they had actually come

24

00:01:26,750 --> 00:01:30,216

within 150 feet of the crater rim.

25

00:01:30,216 --> 00:01:33,150

The astronauts still managed to achieve their science goal,

26

00:01:33,150 --> 00:01:36,150

sampling the field of material blasted from the lunar surface

27

00:01:36,150 --> 00:01:38,283

when Cone crater was formed.