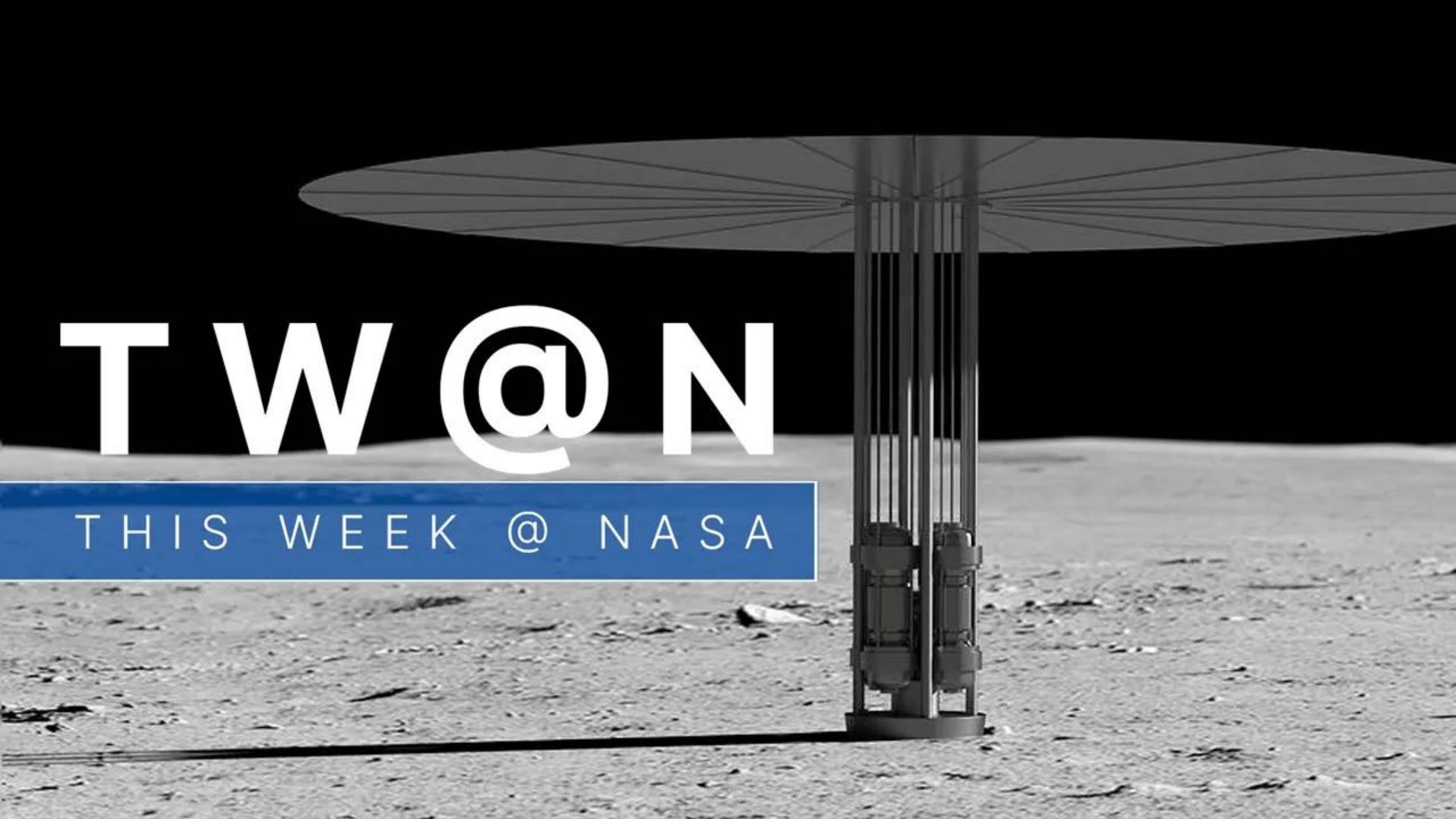
TW@N
THIS WEEK @ NASA

1
00:00:00,767 --> 00:00:03,636
Looking to power
surface exploration on the Moon …

2
00:00:03,870 --> 00:00:06,072
New imagery from the surface of Mars ….

3
00:00:06,072 --> 00:00:08,241
And our newest flight directors …

4
00:00:08,241 --> 00:00:11,511
a few of the stories to tell you
about – This Week at NASA!

5
00:00:12,846 --> 00:00:16,816
NASA and the U.S. Department of Energy
have selected three design

6
00:00:16,816 --> 00:00:21,855
concept proposals for a fission surface
power system design that could be ready

7
00:00:21,855 --> 00:00:25,425
to launch on a demo mission to the Moon
by the end of the decade.

8
00:00:25,925 --> 00:00:27,527
Fission systems are relatively

9
00:00:27,527 --> 00:00:31,531
small, lightweight, and could enable
continuous power regardless

10
00:00:31,531 --> 00:00:35,402
of location, available sunlight,
or other environmental conditions.

11
00:00:35,935 --> 00:00:40,240
This technology would benefit future

exploration under our Artemis program.

12
00:00:40,540 --> 00:00:44,244
For more information about NASA’s
investments in space technology,

13
00:00:44,544 --> 00:00:47,480
visit: nasa.gov/spacetech.

14
00:00:47,480 --> 00:00:52,118
NASA’s Curiosity
Mars rover has spent the past year

15
00:00:52,352 --> 00:00:56,656
traveling through a transition zone
on the Red Planet, from a clay-rich region

16
00:00:56,656 --> 00:00:59,926
to one filled with a
salty mineral called sulfate.

17
00:01:00,627 --> 00:01:03,830
Imagery captured of rock formations
in this “transition zone”

18
00:01:03,830 --> 00:01:08,101
is visually stunning, but could also
provide evidence that a major shift

19
00:01:08,101 --> 00:01:11,071
occurred in the planet’s
climate billions of years ago

20
00:01:11,271 --> 00:01:14,207
which led to the dry conditions
that we see today.

21
00:01:14,707 --> 00:01:18,411
Curiosity will celebrate
its 10th year on Mars Aug. 5.

22
00:01:18,812 --> 00:01:24,584
For more information about
Curiosity, visit: nasa.gov/curiosity.

23
00:01:25,185 --> 00:01:27,821
NASA has seven new flight directors.

24
00:01:28,221 --> 00:01:33,626
After completing a comprehensive training
program, Heidi Brewer, Ronak Dave,

25
00:01:34,027 --> 00:01:36,262
Chris Dobbins, Garrett Hehn,

26
00:01:36,663 --> 00:01:39,399
Nicole McElroy, Elias Myrmo,

27
00:01:39,566 --> 00:01:44,737
and Diana Trujillo will oversee operations
of the International Space Station,

28
00:01:44,971 --> 00:01:48,875
commercial crew, and Artemis
missions to the Moon.

29
00:01:48,875 --> 00:01:53,179
On June 18, Howard
University in Washington, D.C.

30
00:01:53,213 --> 00:01:57,383
hosted a screening of the NASA
documentary, “The Color of Space.”

31
00:01:57,851 --> 00:02:00,820
The documentary features
thought-provoking conversation

32
00:02:00,820 --> 00:02:05,225

between current and former
Black astronauts recounting the influences

33
00:02:05,225 --> 00:02:08,328
and inspirations
that put them on the path to NASA,

34
00:02:08,595 --> 00:02:11,731
and what they experienced
on their journeys to the agency.

35
00:02:12,232 --> 00:02:16,069
Some of the astronauts also gave advice
and shared personal stories

36
00:02:16,069 --> 00:02:17,570
of hope and resilience

37
00:02:17,570 --> 00:02:21,141
to students who have aspirations
of following in their footsteps.

38
00:02:21,741 --> 00:02:26,592
The 50-minute documentary is available
for free to the public on NASA TV,

39
00:02:26,592 --> 00:02:30,783
the NASA app, NASA social media
channels, and the agency's website.

40
00:02:32,719 --> 00:02:36,055
Vice President Kamala Harris and Second
Gentleman Douglas

41
00:02:36,055 --> 00:02:39,726
Emhoff recently hosted an event
at the Naval Observatory

42
00:02:40,026 --> 00:02:43,763
that included NASA

STEM education activities for military

43
00:02:43,763 --> 00:02:46,699
families, and local students
and their families.

44
00:02:47,300 --> 00:02:50,803
The event also featured
a special screening of the Disney Pixar

45
00:02:50,803 --> 00:02:55,375
film, “Lightyear.” Several current NASA
astronauts attended the event,

46
00:02:55,575 --> 00:02:58,639
including Tom Marshburn,
who was the NASA technical consultant

47
00:02:58,639 --> 00:03:02,448
on the film, Stephanie
Wilson, and Jasmin Moghbeli.

48
00:03:02,448 --> 00:03:05,585
Former astronaut and NASA
associate administrator

49
00:03:05,585 --> 00:03:08,354
for Education, Leland
Melvin was also there.

50
00:03:08,755 --> 00:03:12,725
Our Office of STEM engagement
seeks to attract and engage a diverse

51
00:03:12,725 --> 00:03:16,930
group of students to STEM fields
to contribute to NASA’s work

52
00:03:17,130 --> 00:03:20,099
and to build a diverse

future STEM workforce.

53
00:03:20,099 --> 00:03:22,435
That's what's up this week @ NASA ...