



Space to Ground

1

00:00:03,870 --> 00:00:06,790

WELCOME TO SPACE TO GROUND, I'M KATHRYN
CLAYTON.

2

00:00:06,790 --> 00:00:08,660

WHILE MANY OF US ARE PROCESSING THE CHANGES

3

00:00:08,660 --> 00:00:11,250

BROUGHT ON BY THE COVID 19 PANDEMIC

4

00:00:11,250 --> 00:00:12,821

THE INTERNATIONAL SPACE STATION

5

00:00:12,821 --> 00:00:14,299

STAYS BUSY, WITH THE RELEASE

6

00:00:14,299 --> 00:00:16,040

OF THE SPACEX DRAGON AND THE ARRIVAL

7

00:00:16,040 --> 00:00:19,169

OF THE EXPEDITION 63 CREW.

8

00:00:19,169 --> 00:00:20,980

ON TUESDAY, THE SPACEX DRAGON

9

00:00:20,980 --> 00:00:22,419

WAS RELEASEED FROM THE STATION

10

00:00:22,419 --> 00:00:24,230

FOR ITS RETURN TO EARTH.

11

00:00:24,230 --> 00:00:25,570

ROBOTIC FLIGHT CONTROLLERS AT

12

00:00:25,570 --> 00:00:27,540

MISSION CONTROL IN HOUSTON ISSUED

13

00:00:27,540 --> 00:00:29,259
THE COMMANDS TO RELEASE THE DRAGON

14
00:00:29,259 --> 00:00:31,880
USING THE STATIONS CANADARM2.

15
00:00:31,880 --> 00:00:34,020
DRAGON SPLASHED DOWN IN THE PACIFIC OCEAN,

16
00:00:34,020 --> 00:00:36,040
SOUTHWEST OF LONG BEACH CALIFORNIA.

17
00:00:36,040 --> 00:00:38,200
THE CARGO VEHICLE RETURNED WITH MORE THAN

18
00:00:38,200 --> 00:00:41,089
4000 POUNDS OF SPACE STATION HARDWARE AND
SCIENCE.

19
00:00:41,089 --> 00:00:43,539
SOME OF THE INVESTIGATIONS RETURNING TO EARTH

20
00:00:43,539 --> 00:00:46,030
FOR FURTHER ANALYSIS INCLUDE BIONUTRIENTS

21
00:00:46,030 --> 00:00:47,620
WHICH WOULD ALLOW ON-DEMAND PRODUCTION

22
00:00:47,620 --> 00:00:50,489
OF NUTRIENTS NEEDED DURING LONG DURATION SPACEFLIGHT

23
00:00:50,489 --> 00:00:53,429
AND THE BIOFABRICATION FACILITY WHICH AIMS
TO

24
00:00:53,429 --> 00:00:56,780
3D PRINT HUMAN ORGAN TISSUES IN SPACE.

25

00:00:56,780 --> 00:00:59,129
THIS WEEK THE INTERNATIONAL SPACE STATION
CREW

26
00:00:59,129 --> 00:01:05,030
GREW TO 6 WITH THE ARRIVAL OF THE
EXPEDITION 63 CREW.

27
00:01:05,030 --> 00:01:08,520
NASA ASTRONAUT CHRIS CASSIDY AND ROSCOSMOS
COSMONAUTS

28
00:01:08,520 --> 00:01:11,710
ANATOLY IVANISHIN AND IVAN VAGNER LAUNCHED

29
00:01:11,710 --> 00:01:16,790
FROM RUSSIA'S BAIKONUR COSMODROME IN A SOYUZ
MS-16 ON THURSDAY.

30
00:01:16,790 --> 00:01:20,770
THEY JOINED EXPEDITION 62 COMMANDER COSMONAUT
OLEG SKRIPCHKA

31
00:01:20,770 --> 00:01:24,470
AND NASA ASTRONAUTS ANDREW MORGAN AND JESSICA MEIR.

32
00:01:24,470 --> 00:01:27,220
CASSIDY WILL BECOME EXPEDITION 63 COMMANDER
ONCE THE

33
00:01:27,220 --> 00:01:29,790
EXPEDITION 62 CREW RETURNS HOME NEXT WEEK.

34
00:01:29,790 --> 00:01:32,760
THE CREW MEMBERS OF EXPEDITION 63 ARE SET

35
00:01:32,760 --> 00:01:35,070
TO BE ONBOARD TO WELCOME NASA ASTRONAUTS

36

00:01:35,070 --> 00:01:37,390

BOB BEHNKEN AND DOUG HURLEY WHO WILL ARRIVE

37

00:01:37,390 --> 00:01:41,410

ON NASA'S SPACEX DEMO-2 FLIGHT TEST.