



SPACE TO GROUND

1
00:00:00,880 --> 00:00:02,880
"HOUSTON, STATION
ON SPACE TO GROUND."

2
00:00:03,046 --> 00:00:04,976
WELCOME TO SPACE TO
GROUND, I'M GARY JORDAN.

3
00:00:05,286 --> 00:00:07,566
SOME STATION SCIENCE HAS
SUCCESSFULLY RETURNED TO EARTH,

4
00:00:07,886 --> 00:00:09,626
AND NOW CREWMEMBERS ARE
GEARING UP FOR A PAIR

5
00:00:09,626 --> 00:00:11,856
OF SPACEWALKS FOCUSING
ON THE ROBOTIC ARM.

6
00:00:12,676 --> 00:00:15,506
AFTER BEING MANEUVERED INTO
POSITION AND RELEASED ENTIRELY

7
00:00:15,506 --> 00:00:18,106
BY GROUND OPERATORS - A
NEW FEAT, I MIGHT ADD -

8
00:00:18,496 --> 00:00:21,686
THE SPACEX DRAGON LANDED SAFELY
IN THE PACIFIC ON SATURDAY

9
00:00:21,686 --> 00:00:25,036
WITH 4,100 POUNDS OF CARGO
AND SCIENCE SAMPLES ON BOARD.

10
00:00:25,446 --> 00:00:28,746
BACK FOR ANALYSIS ON EARTH ARE
STUDIES ON FIBER OPTIC FILAMENTS

11
00:00:28,746 --> 00:00:30,686
THAT WERE MANUFACTURED
IN MICROGRAVITY,

12
00:00:31,096 --> 00:00:33,566
PLANTS THAT WERE GROWN ON
ORBIT TO TEST THEIR REACTION

13
00:00:33,566 --> 00:00:35,106
TO STRESS, AND LIVE MICE

14
00:00:35,216 --> 00:00:37,666
THAT WILL EVALUATE A
NEW DRUG DELIVERY DEVICE

15
00:00:37,786 --> 00:00:39,166
TO HELP COMBAT MUSCLE WASTE.

16
00:00:39,996 --> 00:00:42,546
NOW STATION CREWMEMBERS ARE
PREPARING FOR 2 SPACEWALKS

17
00:00:42,586 --> 00:00:45,256
TO REPLACE A VITAL
PIECE OF THE CANADARM2.

18
00:00:45,646 --> 00:00:47,886
WHILE THIS WEEK WAS BUSY
WITH REVIEWING PROCEDURES

19
00:00:47,886 --> 00:00:49,146
AND CLEANING OUT
THEIR SPACESUITS,

20
00:00:49,436 --> 00:00:50,916
THE REAL ACTION STARTS
NEXT WEEK.

21
00:00:51,446 --> 00:00:53,606

MARK VANDE HEI AND SCOTT
TINGLE WILL BE THE FIRST

22

00:00:53,606 --> 00:00:55,836
TO MAKE THEIR WAY OUTSIDE
THE STATION AND SWAP

23

00:00:55,836 --> 00:00:57,736
OUT A LATCHING END
EFFECTOR FROM THE TIP

24

00:00:57,806 --> 00:00:59,916
OF THE STATION'S
ROBOTIC ARM - CANADARM2.

25

00:01:00,546 --> 00:01:02,876
VANDE HEI WILL GO OUT ONCE
AGAIN THE FOLLOWING WEEK,

26

00:01:03,136 --> 00:01:04,706
THIS TIME WITH NORISHIGE KANAI,

27

00:01:04,916 --> 00:01:07,966
TO FINISH STORING THE DEGRADED
HARDWARE OUTSIDE THE STATION

28

00:01:08,220 --> 00:01:10,536
AND GET A FEW EXTRA MAINTENANCE
TASKS OUT OF THE WAY.

29

00:01:11,520 --> 00:01:14,000
IN BETWEEN THE WEEK'S SCHEDULE
OF PREPARATION AND SCIENCE,

30

00:01:14,376 --> 00:01:16,656
SCOTT TINGLE TOOK SOME TIME
TO ANSWER SOME QUESTIONS

31

00:01:16,656 --> 00:01:18,466
FROM ABC AND SPACE.COM.

32

00:01:19,026 --> 00:01:20,866

HERE'S WHAT THE NEW
STATION RESIDENT HAD TO SAY.

33

00:01:21,866 --> 00:01:24,576

"ARE YOU LOOKING FORWARD TO
YOUR SPACEWALK COMING UP?"

34

00:01:24,726 --> 00:01:26,876

"ABSOLUTELY, WE JUST SPENT
THE MORNING PREPARING.

35

00:01:26,876 --> 00:01:27,936

WE JUST DID A SUIT CHECK

36

00:01:27,936 --> 00:01:31,006

AND MAKE SURE EVERYTHING WAS
WORKING RIGHT, AND THIS IS GOING

37

00:01:31,006 --> 00:01:34,556

TO BE A LIFETIME MEMORY FOR
SURE, AND I'M LOOKING FORWARD

38

00:01:34,556 --> 00:01:36,266

TO GETTING OUT THERE AND FIXING

39

00:01:36,266 --> 00:01:37,660

UP THE SYSTEMS IT
WILL BE WOTKING ON."

40

00:01:38,720 --> 00:01:39,700

KEEP SENDING IN YOUR QUESTIONS

41

00:01:39,700 --> 00:01:41,280

USING THE HASHTAG SPACE TO GROUND.

42

00:01:41,566 --> 00:01:44,266

AND FOR THOSE EDUCATORS OUT

THERE, VISIT NASA'S STEM

43

00:01:44,266 --> 00:01:46,796

ON STATION WEBSITE
BELOW TO FIND WAYS

44

00:01:46,796 --> 00:01:50,016

TO GET INVOLVED DURING NASA'S
YEAR OF EDUCATION, A CELEBRATION

45

00:01:50,016 --> 00:01:52,326

OF AN ALMOST 12-MONTH
PRESENCE OF A TEACHER

46

00:01:52,326 --> 00:01:54,066

ON BOARD THE INTERNATIONAL
SPACE STATION.

47

00:01:54,146 --> 00:01:56,496

YOU CAN FIND OUT HOW TO
CONNECT YOUR STUDENTS