



# SPACE TO GROUND

1  
00:00:00,606 --> 00:00:02,536  
"HOUSTON, STATION  
ON SPACE TO GROUND."

2  
00:00:03,036 --> 00:00:05,396  
WELCOME TO SPACE TO  
GROUND, I'M ISIDRO REYNA.

3  
00:00:05,706 --> 00:00:08,746  
THIS WEEK ON STATION, THE CREW  
SPOTTED THE SOLAR ECLIPSE -

4  
00:00:09,136 --> 00:00:10,086  
THREE TIMES!

5  
00:00:10,566 --> 00:00:14,066  
ON MONDAY, AUGUST 21st, MILLIONS  
IN NORTH AMERICA WERE TREATED

6  
00:00:14,066 --> 00:00:16,336  
TO ONE OF THE MOST  
SPECTACULAR EVENTS IN NATURE:

7  
00:00:16,660 --> 00:00:18,240  
A TOTAL SOLAR ECLIPSE.

8  
00:00:18,880 --> 00:00:21,880  
FOR THE SIX EXPEDITION 52 CREW  
MEMBERS ABOARD THE INTERATIONAL

9  
00:00:21,880 --> 00:00:24,336  
SPACE STATION, THEY HAD  
AN ONCE-IN-A-LIFETIME VIEW

10  
00:00:24,336 --> 00:00:27,436  
OF THE ECLIPSE FROM 252  
MILES ABOVE THE EARTH.

11  
00:00:28,020 --> 00:00:30,740

THE ORBITING CREWMATES  
EMPLOYED A MULTITUDE OF CAMERAS

12

00:00:30,740 --> 00:00:33,536  
TO PHOTOGRAPH THE EVENT,  
CAPTURING STUNNING VIEWS

13

00:00:33,536 --> 00:00:35,116  
OF THE MOON'S SHADOW  
AGAINST THE EARTH.

14

00:00:36,046 --> 00:00:38,846  
"THIS IS MUCH DARKER THAN  
I GAVE IT CREDIT FOR BEING.

15

00:00:38,946 --> 00:00:43,376  
UNFORTUNATELY, IT WAS KIND OF  
NEAR THE LIMB, NEAR THE EDGE

16

00:00:43,376 --> 00:00:44,556  
OF THE EARTH FROM OUR VIEW.

17

00:00:44,776 --> 00:00:48,046  
BUT IT STILL WAS  
IMPRESSIVE TO BE ABLE TO SEE

18

00:00:48,046 --> 00:00:50,196  
THAT DARK SPOT AS WE PASSED BY."

19

00:00:50,976 --> 00:00:54,276  
SKILLED NASA PHOTOGRAPHERS  
ALSO CAPTURED SPECTACULAR VIEWS

20

00:00:54,276 --> 00:00:56,486  
OF THE STATION AS  
IT TRAVERSED THE SUN

21

00:00:56,486 --> 00:00:58,086  
IN THE EARLY STAGES  
OF THE ECLIPSE.

22  
00:00:59,176 --> 00:01:02,646  
THIS WEEK, ROBOTICS CONTROLLERS  
EXTRACTED A NEW ASTROPHYSICS

23  
00:01:02,646 --> 00:01:06,176  
EXPERIMENT FROM THE TRUNK OF  
THE SPACEX DRAGON CARGO CRAFT.

24  
00:01:07,006 --> 00:01:09,766  
THE CANADARM2 WILL HAND  
OFF THE NEW ASTRONOMY GEAR

25  
00:01:09,986 --> 00:01:11,706  
TO THE JAPANESE ROBOTIC ARM

26  
00:01:11,866 --> 00:01:14,026  
WHICH WILL THEN INSTALL  
IT OUTSIDE THE KIBO

27  
00:01:14,026 --> 00:01:15,056  
LABORATORY MODULE.

28  
00:01:15,536 --> 00:01:18,496  
DUBBED CREAM, SHORT FOR  
COSMIC RAY ENERGETICS

29  
00:01:18,500 --> 00:01:20,380  
AND MASS INVESTIGATION,  
IT WILL LOOK

30  
00:01:20,380 --> 00:01:22,700  
TO SOLVE A CENTURY OLD  
MYSTERY IN ASTROPHYSICS;

31  
00:01:23,116 --> 00:01:24,676  
THE ORIGIN OF COSMIC RAYS.

32  
00:01:25,686 --> 00:01:28,056

## NASA'S NEWEST ASTRONAUT CANDIDATES REPORTED

33

00:01:28,056 --> 00:01:30,376

FOR DUTY THIS WEEK AT  
THE JOHNSON SPACE CENTER.

34

00:01:31,116 --> 00:01:33,886

THE CANDIDATES BEGIN TWO-YEARS  
OF TRAINING THAT WILL FOCUS

35

00:01:33,886 --> 00:01:37,080

ON INTERNATIONAL SPACE  
STATION SYSTEMS, SPACEWALKING,

36

00:01:37,080 --> 00:01:40,480

ROBOTIC OPERATIONS,  
T-38 JET OPERATIONS,

37

00:01:40,480 --> 00:01:41,840

AND THE RUSSIAN LANGUAGE.

38

00:01:42,126 --> 00:01:44,426

ON TUESDAY, THE CLASS  
OF 12 ALONG

39

00:01:44,426 --> 00:01:47,616

WITH TWO CANADIAN SPACE AGENCY  
ASTRONAUT CANDIDATES HAD AN

40

00:01:47,616 --> 00:01:49,346

OPPORTUNITY TO GET  
A LITTLE ADVICE

41

00:01:49,346 --> 00:01:50,986

FROM THE CURRENT CREW  
ABOARD THE STATION.

42

00:01:51,466 --> 00:01:54,436

"ONCE YOU HAVE A FEEL, AFTER

YOU'VE GONE THROUGH FOR A YEAR

43

00:01:54,440 --> 00:01:57,060

OR TWO, AND YOU HAVE  
FIGURE OUT WHAT'S HAPPENING

44

00:01:57,060 --> 00:02:00,820

AND WHAT'S GOING ON, YOU'LL BE  
SEEING THINGS THAT YOU THINK

45

00:02:00,826 --> 00:02:03,286

"WELL WHY DON'T WE FIX THIS  
OR WHY DON'T WE FIX THAT."

46

00:02:03,746 --> 00:02:06,706

WE'LL TAKE SOME RESPONSIBILITY  
AND HELP PEOPLE FIX IT.

47

00:02:06,976 --> 00:02:08,366

COME UP WITH SOLUTIONS,

48

00:02:08,766 --> 00:02:11,066

AND DON'T BE THE PERSON  
THAT'S JUST ALWAYS ASKING

49

00:02:11,066 --> 00:02:11,886

"WHY DON'T WE."

50

00:02:12,246 --> 00:02:15,976

BE THE PERSON THAT HELPS FINDS  
ANSWERS, HELPS FINDS SOLUTIONS,

51

00:02:15,976 --> 00:02:18,486

HELPS FIND THE BETTER  
WAY TO GET THINGS DONE."

52

00:02:19,266 --> 00:02:21,886

AS ALWAYS, WE INVITE YOU TO  
SEND US YOUR QUESTIONS USING THE

