



1
00:00:00,506 --> 00:00:03,866
[Music]

2
00:00:04,366 --> 00:00:06,486
>> Welcome to Mission
Control Houston

3
00:00:06,486 --> 00:00:09,696
on a Friday morning
Houston time as the team

4
00:00:09,696 --> 00:00:10,856
of flight controllers led

5
00:00:10,856 --> 00:00:14,056
by Flight Director Royce
Renfrew continues to watch

6
00:00:14,056 --> 00:00:16,726
over systems aboard the
International Space Station.

7
00:00:17,186 --> 00:00:19,816
On board, it's the
ending for a very busy

8
00:00:19,816 --> 00:00:22,656
and eventful week aboard the
International Space Station

9
00:00:22,656 --> 00:00:24,466
for the Expedition 36 crew.

10
00:00:24,976 --> 00:00:28,156
The week started out with
preparations for a six

11
00:00:28,156 --> 00:00:31,276
and a half hour spacewalk to

conduct a variety of tasks

12

00:00:31,276 --> 00:00:33,016

that are associated
with preparations

13

00:00:33,016 --> 00:00:34,986

for a new Russian research
module that's going

14

00:00:34,986 --> 00:00:38,866

to be launched within the next
year to relocate a Wi-Fi antenna

15

00:00:38,986 --> 00:00:41,216

for helmet camera
views for spacewalkers

16

00:00:41,496 --> 00:00:45,916

and replace a camera on the
external facility or front porch

17

00:00:45,916 --> 00:00:47,856

of the Japanese Kibo Laboratory.

18

00:00:48,566 --> 00:00:52,216

On Tuesday, Cassidy and
[inaudible] began that spacewalk

19

00:00:52,216 --> 00:00:54,886

on schedule but after
completing their initial task,

20

00:00:54,886 --> 00:00:57,346

[inaudible] reported water
on the back of his head

21

00:00:57,716 --> 00:01:00,076

and Cassidy was able to
determine that the amount

22

00:01:00,076 --> 00:01:02,666
of water was increasing, so much

23

00:01:02,666 --> 00:01:04,816
so that Flight Director
David Koresh decided

24

00:01:04,816 --> 00:01:06,456
to end the spacewalk early.

25

00:01:07,146 --> 00:01:10,246
It lasted a total of one
hour 32 minutes and experts

26

00:01:10,246 --> 00:01:12,696
on the ground are continuing
to troubleshoot the cause

27

00:01:12,696 --> 00:01:16,066
of the serious problem and
to work on details of whether

28

00:01:16,066 --> 00:01:19,326
or not it might be something
that is cross spacesuit

29

00:01:19,326 --> 00:01:21,886
or just isolated to this one
spacesuit worn by [inaudible].

30

00:01:21,886 --> 00:01:25,196
Cassidy and [inaudible]
talk with reporters

31

00:01:25,196 --> 00:01:28,746
from San Francisco and North
Dakota, along with Karen Nyberg

32

00:01:29,106 --> 00:01:31,606
and they describe the
situation in their own words.

33

00:01:32,136 --> 00:01:34,676
>> Now I wanted to talk real
briefly about that spacewalk

34

00:01:34,676 --> 00:01:37,466
and I know Luca, you were -- you
had some tense moments there,

35

00:01:37,466 --> 00:01:43,416
can you guys talk a little
bit about what happened there?

36

00:01:43,456 --> 00:01:46,056
>> Yeah, for I think for
a couple of minutes there,

37

00:01:46,136 --> 00:01:49,256
maybe more than a couple of
minutes, I experienced what it's

38

00:01:49,256 --> 00:01:51,776
like a goldfish in a
fishbowl from the point

39

00:01:51,776 --> 00:01:53,196
of view of the goldfish.

40

00:01:53,866 --> 00:01:57,886
So about half an hour into the
[inaudible] 45 minutes maybe,

41

00:01:57,886 --> 00:02:00,586
Chris and I were
ahead on our tasks

42

00:02:00,586 --> 00:02:05,096

so we were starting our third task and I felt some water

43

00:02:05,096 --> 00:02:08,766

on the back of my head and I realized that it was cold water,

44

00:02:08,856 --> 00:02:13,356

it was not a normal feeling so I told ground.

45

00:02:13,896 --> 00:02:17,576

Chris came by to give it a look, he couldn't see anything.

46

00:02:17,576 --> 00:02:20,726

He took some pictures of it but it wasn't until a couple

47

00:02:20,726 --> 00:02:23,226

of minutes later that we actually saw the water trickling

48

00:02:23,296 --> 00:02:27,066

in the front of the helmet and then I felt it covering my ears

49

00:02:27,576 --> 00:02:30,626

and at that point, we called a terminate for the [inaudible].

50

00:02:30,746 --> 00:02:34,076

I started going back to the airlock

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00:02:34,536 --> 00:02:36,336

and the water kept trickling

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00:02:36,416 --> 00:02:38,916

until it completely

covered my eyes and my nose.

53

00:02:38,916 --> 00:02:41,156

It was really hard to see.

54

00:02:41,156 --> 00:02:42,856

I couldn't hear anything.

55

00:02:42,976 --> 00:02:44,386

It was really hard
to communicate.

56

00:02:44,876 --> 00:02:49,536

I just -- I went back using
just memory basically,

57

00:02:49,536 --> 00:02:54,016

going back to the airlock until
I found it and then went inside

58

00:02:54,016 --> 00:02:58,136

and Chris was there in split
seconds to come inside,

59

00:02:58,136 --> 00:03:00,936

close the airlock
and re-pressurize.

60

00:03:00,976 --> 00:03:03,606

Karen was already there,
ready to re-pressurize.

61

00:03:03,906 --> 00:03:07,366

Our Russian colleagues were
all there to help and they --

62

00:03:07,366 --> 00:03:11,376

as soon as the two
compartments were equalized,

63

00:03:11,626 --> 00:03:14,686

they [inaudible], meaning
they took off my helmet,

64

00:03:14,756 --> 00:03:17,696

wiped my face from all
the water, about 3 pounds

65

00:03:17,696 --> 00:03:18,836

of water, I would say.

66

00:03:19,316 --> 00:03:22,166

And that was the end of it.

67

00:03:22,166 --> 00:03:25,146

For me, the worst part,
as Chris mentioned,

68

00:03:25,206 --> 00:03:28,226

I was miserable but okay.

69

00:03:28,816 --> 00:03:31,376

He just -- mentioned walking
around with your eyes closed

70

00:03:31,376 --> 00:03:36,156

in a fishbowl; really that's
what was going on at moment.

71

00:03:36,546 --> 00:03:39,356

It's just a very uncomfortable
feeling to be with your face

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00:03:39,696 --> 00:03:42,756

under water for all the time.

73

00:03:43,286 --> 00:03:46,266

But the reaction of the crew
was outstanding, I think.

74

00:03:46,266 --> 00:03:48,146

The crew on the ground
and the crew on board,

75

00:03:48,486 --> 00:03:51,666

Chris really supported
me and I was just lucky

76

00:03:51,666 --> 00:03:54,296

to be back inside in no time.

77

00:03:55,566 --> 00:03:58,416

>> Also this week, the
team continued research

78

00:03:58,416 --> 00:04:00,136

about the International
Space Station,

79

00:04:00,136 --> 00:04:04,646

working with several
Russian, U.S., Japanese

80

00:04:04,646 --> 00:04:06,086

and European experiments,

81

00:04:06,086 --> 00:04:08,286

setting up a new
fluorescent microscope

82

00:04:08,286 --> 00:04:11,546

and replacing an imagery cable
on a Japanese fluids experiment.

83

00:04:11,966 --> 00:04:14,296

They also did routine
emergency drills.

84

00:04:14,556 --> 00:04:16,716

Today, the crew is doing
regularly scheduled post

85

00:04:16,716 --> 00:04:19,046

spacewalk suit refresh tasks

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00:04:19,046 --> 00:04:22,696

but they are performing cooling
[inaudible] on Cassidy's suit,

87

00:04:22,946 --> 00:04:25,136

instead of on [inaudible]
suit, they are doing it

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00:04:25,136 --> 00:04:28,286

on a backup suit that would
be used in an unlikely event

89

00:04:28,286 --> 00:04:31,186

that there would be a problem
outside the station significant

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00:04:31,186 --> 00:04:34,036

enough to warrant a spacewalk
before the troubleshooting work

91

00:04:34,036 --> 00:04:34,826

is complete.

92

00:04:35,216 --> 00:04:37,996

The work continues by the
mission control team here

93

00:04:37,996 --> 00:04:40,566

and engineers familiar with
the spacesuits on the ground.

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00:04:40,896 --> 00:04:44,096

This weekend, the crew

has a couple of days off

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00:04:44,616 --> 00:04:47,536

and likely will celebrate
the 44th Anniversary

96

00:04:47,536 --> 00:04:50,546

of the Apollo 11 first moon
landing by Neil Armstrong

97

00:04:50,546 --> 00:04:52,496

and Buzz Aldrin on
Saturday night.

98

00:04:52,756 --> 00:04:55,256

And then next week, the
crew will be doing a variety

99

00:04:55,256 --> 00:04:59,706

of activities as they
prepare for the departure

100

00:04:59,706 --> 00:05:03,516

of a Progress 50 Spacecraft from
the peers docking compartment

101

00:05:03,796 --> 00:05:07,176

on Thursday and the
launch and arrival