



1  
00:00:14,910 --> 00:00:12,150  
one hour 44 minutes into today's

2  
00:00:16,790 --> 00:00:14,920  
spacewalk so far so good i'm gonna go

3  
00:00:19,349 --> 00:00:16,800  
ahead vent tool uh release that release

4  
00:00:23,349 --> 00:00:19,359  
tool key release tool back out i think

5  
00:00:27,429 --> 00:00:24,630  
sorry we didn't get to you before you

6  
00:00:31,269 --> 00:00:29,269  
the fourth and final fluid connector the

7  
00:00:32,549 --> 00:00:31,279  
m3 connector that leaked on saturday

8  
00:00:39,910 --> 00:00:32,559  
halting

9  
00:00:41,430 --> 00:00:39,920  
remove the failed pump module from the

10  
00:00:44,630 --> 00:00:41,440  
s1 truss

11  
00:00:47,830 --> 00:00:44,640  
that quick disconnect has closed and we

12  
00:00:49,510 --> 00:00:47,840  
are seeing a solid m3 connector

13  
00:00:51,590 --> 00:00:49,520

and we're standing by for further words

14

00:00:53,189 --> 00:00:51,600

on whether or not we can press ahead

15

00:00:55,670 --> 00:00:53,199

with the demating of that connector

16

00:00:58,229 --> 00:00:55,680

without first venting the pump module

17

00:01:00,150 --> 00:00:58,239

itself that will save residual ammonia

18

00:01:09,750 --> 00:01:00,160

that is trapped upstream from the

19

00:01:13,830 --> 00:01:11,510

and oscar as you've discussed them there

20

00:01:16,310 --> 00:01:13,840

also just qualifiedly

21

00:01:19,190 --> 00:01:16,320

uh the bail was really smooth

22

00:01:21,190 --> 00:01:19,200

um very uniform i didn't notice any kind

23

00:01:25,270 --> 00:01:21,200

of galling or uh

24

00:01:28,550 --> 00:01:25,280

unusual um rubbing on the uh qd it was a

25

00:01:30,950 --> 00:01:28,560

smooth uniform throw to the off

26

00:01:32,630 --> 00:01:30,960

close position

27

00:01:34,710 --> 00:01:32,640

we copy wheels

28

00:01:35,590 --> 00:01:34,720

and we did notice how easily it went to

29

00:01:53,030 --> 00:01:35,600

the

30

00:01:57,670 --> 00:01:55,749

20 centimeters port and about 30

31

00:02:24,070 --> 00:01:57,680

minutes

32

00:02:28,630 --> 00:02:27,510

wheels we have a go to d mate m3 so let

33

00:02:31,430 --> 00:02:28,640

me know when you're in position i have

34

00:02:33,110 --> 00:02:31,440

your words for you

35

00:02:43,190 --> 00:02:33,120

okay copy i'll need the arm just for a

36

00:02:55,030 --> 00:02:45,830

okay copy 24 30 venus and i'm entering

37

00:02:58,309 --> 00:02:56,390

all right i'm ready and i'm going to

38

00:03:00,470 --> 00:02:58,319

start with the port left on the hanka

39

00:03:04,869 --> 00:03:00,480

tour

40

00:03:10,710 --> 00:03:05,990

good motion

41

00:03:16,070 --> 00:03:13,350

more good news uh no manual vent of the

42

00:03:20,070 --> 00:03:16,080

pump module now required

43

00:03:21,990 --> 00:03:20,080

since the lines have evacuated to a safe

44

00:03:24,149 --> 00:03:22,000

configuration and the green light has

45

00:03:26,149 --> 00:03:24,159

been given for doug wheelock to demate

46

00:03:35,750 --> 00:03:26,159

the m3 connector the final fluid

47

00:03:42,789 --> 00:03:37,030

good motion

48

00:03:42,799 --> 00:03:53,190

is that motion there

49

00:03:57,589 --> 00:03:55,750

copy shannon

50

00:03:58,830 --> 00:03:57,599

so wheels are you ready to demate this

51

00:04:27,189 --> 00:03:58,840

bad

52

00:04:33,510 --> 00:04:28,790

yeah you're free of the guides but not

53

00:04:33,520 --> 00:04:38,870

good

54

00:04:38,880 --> 00:04:57,270

clear trust but not clear of me

55

00:04:57,280 --> 00:05:20,150

listen

56

00:05:26,550 --> 00:05:22,950

to recap while this decontamination

57

00:05:29,110 --> 00:05:26,560

process begins for caldwell dyson and

58

00:05:31,430 --> 00:05:29,120

wheelock this modified procedure

59

00:05:33,350 --> 00:05:31,440

just to ensure that no residual ammonia

60

00:05:35,510 --> 00:05:33,360

exists on their suits

61

00:05:37,670 --> 00:05:35,520

just to recap the space walk began at 7

62

00:05:41,189 --> 00:05:37,680

27 am central time

63

00:05:43,029 --> 00:05:41,199

caldwell dyson and wheelock moved out

64

00:05:45,430 --> 00:05:43,039

to the s1 truss of the international

65

00:05:47,110 --> 00:05:45,440

space station

66

00:05:51,350 --> 00:05:47,120

with

67

00:05:53,510 --> 00:05:51,360

been greatly reduced through ground

68

00:05:55,909 --> 00:05:53,520

control procedures over the past 48

69

00:06:01,510 --> 00:05:58,950

doug wheelock received a go to demate

70

00:06:06,870 --> 00:06:01,520

the m3 connector

71

00:06:09,189 --> 00:06:06,880

valve was closed

72

00:06:10,870 --> 00:06:09,199

and uh it did not leak as was the case

73

00:06:13,909 --> 00:06:10,880

back on saturday

74

00:06:17,189 --> 00:06:13,919

as the crew avoided some time consuming

75

00:06:18,710 --> 00:06:17,199

uh work out on the interface of the s0s1

76

00:06:20,230 --> 00:06:18,720

trust that

77

00:06:21,830 --> 00:06:20,240

was originally scheduled for the

78

00:06:24,070 --> 00:06:21,840

timeline today

79

00:06:25,189 --> 00:06:24,080

to close other quick disconnects

80

00:06:28,309 --> 00:06:25,199

upstream

81

00:06:30,550 --> 00:06:28,319

and isolate ammonia

82

00:06:33,029 --> 00:06:30,560

upstream from the m3 connector that was

83

00:06:36,309 --> 00:06:33,039

not required today in the long run and

84

00:06:39,029 --> 00:06:36,319

the m3 connector that provided a problem

85

00:06:41,670 --> 00:06:39,039

back on saturday was a little problem

86

00:06:44,070 --> 00:06:41,680

today a bit stubborn to demate but

87

00:06:45,749 --> 00:06:44,080

wheelock used a bit of muscle

88

00:06:48,710 --> 00:06:45,759

to eventually get it

89

00:06:50,390 --> 00:06:48,720

demated

90

00:06:52,390 --> 00:06:50,400

all of the other work associated with

91

00:06:54,309 --> 00:06:52,400

the failed pump module went very

92

00:06:57,830 --> 00:06:54,319

smoothly as five electrical and data

93

00:07:01,749 --> 00:06:57,840

connections were demated four bolts were

94

00:07:04,230 --> 00:07:01,759

removed and the pump module was

95

00:07:06,550 --> 00:07:04,240

equipped with an adjustable grapple bar

96

00:07:12,070 --> 00:07:06,560

and doug wheellock removed and extracted

97

00:07:17,589 --> 00:07:14,550

from its slot on the s1 truss moving it

98

00:07:20,469 --> 00:07:17,599

over to a parking bracket