



PRO HAB

1
00:00:14,230 --> 00:00:12,230
flight day 10 moving day on board the

2
00:00:15,749 --> 00:00:14,240
international space station with the

3
00:00:18,390 --> 00:00:15,759
help of the astronauts from space

4
00:00:21,189 --> 00:00:18,400
shuttle discovery almost all of the work

5
00:00:23,590 --> 00:00:21,199
that is needed to unpack and to outfit

6
00:00:25,349 --> 00:00:23,600
the permanent multi-purpose module the

7
00:00:28,550 --> 00:00:25,359
newest module at the international space

8
00:00:30,470 --> 00:00:28,560
station was completed on flight day 10.

9
00:00:32,870 --> 00:00:30,480
the crew members had to concentrate

10
00:00:35,190 --> 00:00:32,880
their efforts to unpack the remaining

11
00:00:36,950 --> 00:00:35,200
articles in this newest module on the

12
00:00:39,430 --> 00:00:36,960
international space station

13
00:00:42,069 --> 00:00:39,440

as well as to disassemble a lot of the

14

00:00:44,470 --> 00:00:42,079

racks that had held some of that cargo

15

00:00:47,190 --> 00:00:44,480

and they take those pieces out of the

16

00:00:49,190 --> 00:00:47,200

pmm and move them over to the japanese

17

00:00:51,430 --> 00:00:49,200

cargo module that's currently docked to

18

00:00:54,229 --> 00:00:51,440

the space station's harmony module

19

00:00:57,110 --> 00:00:54,239

konotori 2 is due to be unburst from the

20

00:00:59,270 --> 00:00:57,120

international space station march 28 and

21

00:01:01,510 --> 00:00:59,280

the international space station program

22

00:01:05,109 --> 00:01:01,520

wanted to get as much of that packing

23

00:01:08,550 --> 00:01:05,119

material out of the pmm and onto the

24

00:01:10,870 --> 00:01:08,560

htv-2 before it leaves so that packing

25

00:01:12,950 --> 00:01:10,880

material can be removed from the space

26

00:01:15,270 --> 00:01:12,960

station and create more room for the

27

00:01:16,950 --> 00:01:15,280

crew members to work the shuttle crew

28

00:01:18,630 --> 00:01:16,960

members worked mostly under the

29

00:01:21,429 --> 00:01:18,640

direction of flight engineer katie

30

00:01:24,310 --> 00:01:21,439

coleman who had at her disposal large

31

00:01:27,670 --> 00:01:24,320

chunks of time to either unstow products

32

00:01:29,910 --> 00:01:27,680

or to do structural work inside the pmm

33

00:01:31,670 --> 00:01:29,920

and the crew members completed virtually

34

00:01:34,469 --> 00:01:31,680

all of the work that was on the agenda

35

00:01:36,550 --> 00:01:34,479

for that today the second of the two

36

00:01:38,230 --> 00:01:36,560

extension days that were added to

37

00:01:40,230 --> 00:01:38,240

discovery's doc time at the

38

00:01:42,230 --> 00:01:40,240

international space station in order to

39

00:01:44,069 --> 00:01:42,240
allow that work to be completed

40

00:01:45,590 --> 00:01:44,079
but there was maintenance work done on

41

00:01:47,749 --> 00:01:45,600
elements of the

42

00:01:49,830 --> 00:01:47,759
environmental control system in the u.s

43

00:01:51,990 --> 00:01:49,840
section of the station as well

44

00:01:54,069 --> 00:01:52,000
early in the day mission specialist mike

45

00:01:56,310 --> 00:01:54,079
barrett assisted by flight engineer

46

00:01:59,030 --> 00:01:56,320
paolo nespoli went to work on the carbon

47

00:02:01,830 --> 00:01:59,040
dioxide removal assembly located in the

48

00:02:03,910 --> 00:02:01,840
destiny laboratory module that system

49

00:02:05,830 --> 00:02:03,920
which is one of the systems on board

50

00:02:07,749 --> 00:02:05,840
that removes carbon dioxide from the

51
00:02:09,749 --> 00:02:07,759
station environment suffered a short

52
00:02:12,790 --> 00:02:09,759
circuit in one of its heater beds

53
00:02:15,750 --> 00:02:12,800
earlier in the mission and today barrett

54
00:02:17,990 --> 00:02:15,760
went to work to find the short circuit

55
00:02:20,550 --> 00:02:18,000
and to isolate it so that that system

56
00:02:23,110 --> 00:02:20,560
could be restarted it was an operation

57
00:02:24,470 --> 00:02:23,120
almost exactly the same as one he did

58
00:02:26,550 --> 00:02:24,480
when he was a member of the

59
00:02:29,270 --> 00:02:26,560
international space station's crew

60
00:02:31,350 --> 00:02:29,280
during expedition 20. station commander

61
00:02:33,670 --> 00:02:31,360
scott kelly also had some maintenance

62
00:02:35,910 --> 00:02:33,680
work to do he was in the tranquility

63
00:02:38,710 --> 00:02:35,920

module where the oxygen generation

64

00:02:41,750 --> 00:02:38,720

system is located that system required

65

00:02:44,070 --> 00:02:41,760

work done in order to install a filter

66

00:02:47,190 --> 00:02:44,080

kit which is introducing some chemical

67

00:02:48,790 --> 00:02:47,200

materials to treat the water that flows

68

00:02:51,030 --> 00:02:48,800

into the ogs

69

00:02:52,869 --> 00:02:51,040

the ogs separates water into its

70

00:02:55,350 --> 00:02:52,879

chemical components of oxygen and

71

00:02:57,670 --> 00:02:55,360

hydrogen creating oxygen for the crew

72

00:02:59,910 --> 00:02:57,680

members to breathe the installation of

73

00:03:03,110 --> 00:02:59,920

that kit is designed to improve the

74

00:03:04,869 --> 00:03:03,120

chemical balance the ph of that water so

75

00:03:07,430 --> 00:03:04,879

that when the system operates in the

76

00:03:09,750 --> 00:03:07,440

future it will not create particulates

77

00:03:12,949 --> 00:03:09,760

that will gum up the works that work

78

00:03:14,790 --> 00:03:12,959

will be completed on flight day 11 and

79

00:03:17,270 --> 00:03:14,800

all of the crew members get together for

80

00:03:19,270 --> 00:03:17,280

final transfers before they close the

81

00:03:21,589 --> 00:03:19,280

hatches between the international space