



1  
00:00:04,390 --> 00:00:02,869  
good morning and welcome to mission

2  
00:00:05,990 --> 00:00:04,400  
control houston we're inside the

3  
00:00:08,470 --> 00:00:06,000  
international space station flight

4  
00:00:10,150 --> 00:00:08,480  
control room all is quiet this morning

5  
00:00:12,470 --> 00:00:10,160  
is the team is just watching over

6  
00:00:14,070 --> 00:00:12,480  
systems aboard the station as the three

7  
00:00:16,150 --> 00:00:14,080  
crew members who are living aboard the

8  
00:00:18,470 --> 00:00:16,160  
complex now are in a sleep shift or

9  
00:00:21,670 --> 00:00:18,480  
resting for the rest of the day

10  
00:00:24,070 --> 00:00:21,680  
after having worked a busy day

11  
00:00:26,230 --> 00:00:24,080  
thursday and into the night into friday

12  
00:00:27,509 --> 00:00:26,240  
morning with the return of three crew

13  
00:00:28,830 --> 00:00:27,519

members

14

00:00:31,830 --> 00:00:28,840

the soyuz

15

00:00:34,069 --> 00:00:31,840

tma-22 carried expedition 30 commander

16

00:00:36,790 --> 00:00:34,079

dan burbank and flight engineers anton

17

00:00:40,389 --> 00:00:36,800

shkaplerov and anatoly ivanishin

18

00:00:43,110 --> 00:00:40,399

to earth they landed in kazakhstan at 6

19

00:00:45,110 --> 00:00:43,120

45 a.m central time this morning

20

00:00:48,229 --> 00:00:45,120

they had undocked from the international

21

00:00:50,229 --> 00:00:48,239

space station at 3 18 a.m

22

00:00:53,670 --> 00:00:50,239

which officially ended their stay at the

23

00:00:56,869 --> 00:00:53,680

us station which was 163 days

24

00:00:58,549 --> 00:00:56,879

and a total of 165 days in space and

25

00:01:01,349 --> 00:00:58,559

with the undocking it ended the

26

00:01:03,510 --> 00:01:01,359

expedition 30 mission

27

00:01:05,350 --> 00:01:03,520

the crew had spent much of the week with

28

00:01:06,870 --> 00:01:05,360

preparing for its departure from the

29

00:01:09,030 --> 00:01:06,880

space station

30

00:01:11,750 --> 00:01:09,040

including a handover of command from

31

00:01:14,469 --> 00:01:11,760

burbank to cosmonaut oleg kononenko for

32

00:01:18,070 --> 00:01:14,479

expedition 31.

33

00:01:20,710 --> 00:01:18,080

in addition to the soyuz preparations

34

00:01:22,710 --> 00:01:20,720

the crew also worked on some other cargo

35

00:01:23,590 --> 00:01:22,720

activities on board the station this

36

00:01:26,149 --> 00:01:23,600

week

37

00:01:29,190 --> 00:01:26,159

relocating some food containers for easy

38

00:01:30,950 --> 00:01:29,200

access and use and also unpacking cargo

39

00:01:33,590 --> 00:01:30,960

from the european space agency's

40

00:01:36,710 --> 00:01:33,600

automated transfer vehicle 3 and putting

41

00:01:38,550 --> 00:01:36,720

that into final locations on the station

42

00:01:41,749 --> 00:01:38,560

the crew members were also pre-packing

43

00:01:43,270 --> 00:01:41,759

cargo for a return on the spacex dragon

44

00:01:45,910 --> 00:01:43,280

spacecraft

45

00:01:48,550 --> 00:01:45,920

and training for that capsule's arrival

46

00:01:50,149 --> 00:01:48,560

at the station as it will be grappled by

47

00:01:51,990 --> 00:01:50,159

the space station's robotic arm

48

00:01:54,710 --> 00:01:52,000

canadarm2

49

00:01:57,030 --> 00:01:54,720

that mission was delayed a week earlier

50

00:01:59,350 --> 00:01:57,040

in this week as spacex announced it

51  
00:02:01,749 --> 00:01:59,360  
needed a little more time to

52  
00:02:03,590 --> 00:02:01,759  
finalize the hardware testing and

53  
00:02:05,670 --> 00:02:03,600  
analysis of data

54  
00:02:07,109 --> 00:02:05,680  
and the new target launch date is may

55  
00:02:08,790 --> 00:02:07,119  
7th

56  
00:02:09,990 --> 00:02:08,800  
crew members also worked with science

57  
00:02:12,550 --> 00:02:10,000  
experiments

58  
00:02:15,030 --> 00:02:12,560  
sometimes during the week

59  
00:02:17,430 --> 00:02:15,040  
european space agency astronaut andre

60  
00:02:18,790 --> 00:02:17,440  
kuipers took measurements while he was

61  
00:02:21,030 --> 00:02:18,800  
exercising

62  
00:02:23,190 --> 00:02:21,040  
and provided that for a study of the

63  
00:02:25,589 --> 00:02:23,200

effects of long-duration spaceflight on

64

00:02:27,510 --> 00:02:25,599

a body's aerobic capacity

65

00:02:29,190 --> 00:02:27,520

and several crew members participated in

66

00:02:31,509 --> 00:02:29,200

an experiment where they provided

67

00:02:34,070 --> 00:02:31,519

biological samples such as blood and

68

00:02:35,190 --> 00:02:34,080

urine to study the effects on the immune

69

00:02:37,270 --> 00:02:35,200

system

70

00:02:39,270 --> 00:02:37,280

crew members also took time to interact

71

00:02:41,910 --> 00:02:39,280

with students here on earth in three

72

00:02:44,390 --> 00:02:41,920

separate occasions this week kuipers

73

00:02:46,070 --> 00:02:44,400

participated in an esa event called

74

00:02:47,670 --> 00:02:46,080

spaceship earth with thousands of

75

00:02:49,990 --> 00:02:47,680

students in europe

76

00:02:53,110 --> 00:02:50,000

clippers burbank and astronaut don

77

00:02:54,949 --> 00:02:53,120

pettit joined together for a destination

78

00:02:56,390 --> 00:02:54,959

station event with students in north

79

00:02:58,550 --> 00:02:56,400

carolina

80

00:03:01,030 --> 00:02:58,560

in conjunction with the space station

81

00:03:02,949 --> 00:03:01,040

exhibit called destination station which

82

00:03:06,470 --> 00:03:02,959

is on display at the north carolina

83

00:03:08,309 --> 00:03:06,480

museum of natural sciences april 28

84

00:03:11,350 --> 00:03:08,319

through may 20th

85

00:03:13,430 --> 00:03:11,360

and burbank participated in a ham pass

86

00:03:17,589 --> 00:03:13,440

using the amateur radio on board the

87

00:03:19,670 --> 00:03:17,599

station to speak with students in italy

88

00:03:21,750 --> 00:03:19,680

while here on the ground the next three

89

00:03:24,949 --> 00:03:21,760

crew members to launch the space station

90

00:03:27,190 --> 00:03:24,959

have been preparing for their mission

91

00:03:29,110 --> 00:03:27,200

the expedition 31 crew

92

00:03:31,270 --> 00:03:29,120

has been going through

93

00:03:32,550 --> 00:03:31,280

qualification training in star city this

94

00:03:35,270 --> 00:03:32,560

week

95

00:03:37,350 --> 00:03:35,280

that including nasa astronaut joe acaba

96

00:03:39,110 --> 00:03:37,360

and cosmonauts gennady padalka and

97

00:03:40,949 --> 00:03:39,120

sergey revin

98

00:03:42,149 --> 00:03:40,959

they also went to two ceremonial

99

00:03:43,990 --> 00:03:42,159

activities

100

00:03:45,830 --> 00:03:44,000

in moscow

101  
00:03:46,949 --> 00:03:45,840  
all in preparation before they're

102  
00:03:49,350 --> 00:03:46,959  
departing

103  
00:03:50,789 --> 00:03:49,360  
that area for baikonur kazakhstan next

104  
00:03:51,750 --> 00:03:50,799  
week

105  
00:03:55,350 --> 00:03:51,760  
in

106  
00:03:58,789 --> 00:03:55,360  
to the space station

107  
00:04:00,630 --> 00:03:58,799  
to round out the expedition 31 crew and

108  
00:04:02,630 --> 00:04:00,640  
the full six person

109  
00:04:04,789 --> 00:04:02,640  
crew compliment to

110  
00:04:05,830 --> 00:04:04,799  
conduct research aboard the complex for