
TO NOD 2

1
00:00:01,734 --> 00:00:05,137
This is Mission Control Houston
Onboard the International Space

2
00:00:05,137 --> 00:00:09,442
Station packing to come home
has become the focus of activity

3
00:00:09,442 --> 00:00:12,645
for the crew, half of
which is due to return

4
00:00:12,645 --> 00:00:16,348
to Earth this weekend
after four months in space.

5
00:00:16,348 --> 00:00:19,251
On Wednesday the International
Space Station mission management

6
00:00:19,251 --> 00:00:22,822
team met and conducted an
undocking readiness review

7
00:00:22,822 --> 00:00:25,858
for Soyuz commander
Yuri Malenchenko

8
00:00:25,858 --> 00:00:29,195
and flight engineers Suni
Williams and Aki Hoshide

9
00:00:29,195 --> 00:00:32,031
to come home in their
Soyuz vehicle.

10
00:00:32,031 --> 00:00:37,837
The MMT vote was go to bring
the 31 Soyuz home this weekend.

11
00:00:37,837 --> 00:00:40,739
The three crew members are
due to undock from the station

12
00:00:40,739 --> 00:00:44,710
in their Soyuz vehicle on
Sunday and land in Kazakhstan

13
00:00:44,710 --> 00:00:47,480
on Sunday evening US time.

14
00:00:47,480 --> 00:00:50,850
Each of them has spent several
hours over the course of the day

15
00:00:50,850 --> 00:00:54,286
on Wednesday packing the
gear from their crew quarters

16
00:00:54,286 --> 00:00:56,755
and working together
to stow those items

17
00:00:56,755 --> 00:01:00,793
and returning science samples
inside their Soyuz vehicle.

18
00:01:00,793 --> 00:01:04,230
They're also continuing the
daily exercise regimen that each

19
00:01:04,230 --> 00:01:07,032
of them has to counter
the negative effects

20
00:01:07,032 --> 00:01:09,668
on their muscles not
having to work as hard

21

00:01:09,668 --> 00:01:12,304
as usual while they
have spent all this time

22
00:01:12,304 --> 00:01:15,141
in the microgravity environment.

23
00:01:15,141 --> 00:01:17,076
Malenchenko who is the commander

24
00:01:17,076 --> 00:01:20,813
of the Soyuz vehicle spent
the day overseeing the packing

25
00:01:20,813 --> 00:01:23,749
of items into 31S..

26
00:01:23,749 --> 00:01:25,584
He did spend some time along

27
00:01:25,584 --> 00:01:29,188
with his two Russian colleagues
flight engineers Oleg Novitskiy

28
00:01:29,188 --> 00:01:32,892
and Evgeny Tarelkin as they
conducted a public affairs

29
00:01:32,892 --> 00:01:37,062
interview with a Russian
television program.

30
00:01:37,062 --> 00:01:38,831
Flight Engineer Aki Hoshide.

31
00:01:38,831 --> 00:01:42,268
also spent time doing a
public affairs event today.

32

00:01:42,268 --> 00:01:46,038
He was answering questions posed
by Japanese college students

33
00:01:46,038 --> 00:01:50,342
who were gathered at the
Tsukuba Space Center in Japan.

34
00:01:50,342 --> 00:01:52,645
Commander Suni Williams
spent the middle part

35
00:01:52,645 --> 00:01:55,481
of her day preparing
hardware for installation

36
00:01:55,481 --> 00:01:57,950
of a new wireless access point

37
00:01:57,950 --> 00:02:00,886
for the station's
wireless computer network.

38
00:02:00,886 --> 00:02:03,889
Flight Engineer Kevin
Ford spent part

39
00:02:03,889 --> 00:02:07,326
of his time doing crew
medical officer training.

40
00:02:07,326 --> 00:02:10,129
He also exchanged
water in the enclosure

41
00:02:10,129 --> 00:02:13,098
that is supporting the
Medaka fish for an experiment

42
00:02:13,098 --> 00:02:16,202

into how gravity
impacts bone loss.

43
00:02:16,202 --> 00:02:18,771
And he also worked
in the US section

44
00:02:18,771 --> 00:02:21,307
of the space station
installing a sensor kit

45
00:02:21,307 --> 00:02:25,611
for taking measurements of
ultrasonic background noise.

46
00:02:25,611 --> 00:02:27,213
That is for an investigation

47
00:02:27,213 --> 00:02:30,816
that is developing the
technology that can listen

48
00:02:30,816 --> 00:02:34,553
for air pressure leaks in the
space station, but it will need

49
00:02:34,553 --> 00:02:38,924
to know what non-leak
extraneous noise sounds like,

50
00:02:38,924 --> 00:02:42,494
and the kit that Ford is
installing today is part of the

51
00:02:42,494 --> 00:02:45,464
of the development
to do just that.

52
00:02:45,464 --> 00:02:48,834
Station maintenance will

continue on Thursday

53
00:02:48,834 --> 00:02:51,337
with the crew members
working in the Quest airlock

54
00:02:51,337 --> 00:02:55,674
and performing software upgrade
for the urine processor assembly

55
00:02:55,674 --> 00:02:59,178
as the crew members move closer
to this weekend's departure