
FRIDAY, NOVEMBER 1 ON NASA TV
Soyuz TMA-09M Redocking to ISS
3:58am CT / 4:58am ET

1
00:00:00,506 --> 00:00:12,646
[Music]

2
00:00:13,146 --> 00:00:14,976
>> This is Mission Control
Houston, we want to welcome you

3
00:00:14,976 --> 00:00:18,986
to Space Station Live for
Tuesday, October 29th, 2013.

4
00:00:18,986 --> 00:00:21,436
This is a live view inside the
Space Station Flight Control

5
00:00:21,436 --> 00:00:23,756
Room here at the Johnson Space
Center in Houston, Texas.

6
00:00:24,306 --> 00:00:25,376
This team here today being led

7
00:00:25,376 --> 00:00:27,366
by Flight Director
Emily Nelson [phonetic].

8
00:00:28,216 --> 00:00:29,736
Sitting beside her is
Leslie Ringo [phonetic]

9
00:00:29,736 --> 00:00:32,966
who is the cab com, the voice
of this team up to the crew.

10
00:00:33,456 --> 00:00:36,466
Right now onboard the Space
Station Expedition 37 is having

11
00:00:36,466 --> 00:00:38,166

a fairly busy day
working on quite a number

12
00:00:38,166 --> 00:00:39,226
of different experiments

13
00:00:39,226 --> 00:00:41,616
and other maintenance
activity throughout the entire

14
00:00:41,616 --> 00:00:42,476
Space Station.

15
00:00:43,096 --> 00:00:46,116
Fyodor Yurchikhin and Luca
Parmitano conducted an onboard

16
00:00:46,116 --> 00:00:48,956
descent drill inside the Soyuz
that will bring them home

17
00:00:48,956 --> 00:00:51,496
with Karen Nyberg coming
up in just a few days.

18
00:00:52,056 --> 00:00:53,696
They also spoke with
ground controllers

19
00:00:53,696 --> 00:00:55,166
to coordinate the
list of equipment

20
00:00:55,166 --> 00:00:59,016
that will come back home
with them aboard those Soyuz.

21
00:00:59,016 --> 00:01:00,036
They are also in the middle

22
00:01:00,036 --> 00:01:02,986
of crew departure
preparations just packing

23
00:01:02,986 --> 00:01:04,996
for the trip home just like
you would here on Earth

24
00:01:04,996 --> 00:01:06,416
if you were heading out of town.

25
00:01:07,016 --> 00:01:09,466
On Friday, these 3
relocate their Soyuz

26
00:01:09,466 --> 00:01:11,916
from the Rassvet module which
is where it has been docked

27
00:01:12,326 --> 00:01:15,126
since May over to the
Zvezda service modules.

28
00:01:15,126 --> 00:01:18,766
Zvezda was vacated
yesterday as ATV undocked

29
00:01:18,766 --> 00:01:20,466
and began the process
of heading home.

30
00:01:21,236 --> 00:01:22,476
So that port is now open.

31
00:01:22,906 --> 00:01:25,396
So they will move over to that
port which is on the aft end,

32
00:01:25,396 --> 00:01:28,126

the back end of the Russian
segment back there at the back.

33
00:01:28,706 --> 00:01:31,356
And that is what
the location will be

34
00:01:31,386 --> 00:01:34,296
until this crew heads home
coming up on November 10th.

35
00:01:35,106 --> 00:01:38,176
This will open up that Rassvet
port for the upcoming launch

36
00:01:38,176 --> 00:01:40,856
of Rick Mastracchio,
Koichi Wakata,

37
00:01:41,036 --> 00:01:46,786
and Mikhail Tyurin coming up in
just a few short days as well.

38
00:01:47,046 --> 00:01:49,096
But on Friday morning at
3:34 a.m. Central Time,

39
00:01:49,096 --> 00:01:50,926
that is when Yourchikhin
and Parmitano

40
00:01:51,446 --> 00:01:53,236
and Nyberg will undock
their Soyuz.

41
00:01:53,236 --> 00:01:55,606
They will back up, take a quick
trip around the neighborhood

42
00:01:55,956 --> 00:01:58,996

and will redock at
3:58 a.m. Central Time.

43
00:01:59,296 --> 00:02:00,766
We will have live
coverage of this here

44
00:02:00,766 --> 00:02:02,156
on NASA television that morning.

45
00:02:02,156 --> 00:02:04,286
And of course, we'll have
highlights on Friday morning

46
00:02:04,286 --> 00:02:07,446
at 10 a.m. Central Time
here on Space Station Live.

47
00:02:09,046 --> 00:02:11,176
Meanwhile Sergey Ryazanskiy
and Oleg Kotov are working

48
00:02:11,176 --> 00:02:13,196
on some routine maintenance
inside the Russian segment.

49
00:02:13,196 --> 00:02:15,586
They're doing some water
sampling over there

50
00:02:15,586 --> 00:02:17,446
and also working on
some experiments.

51
00:02:17,936 --> 00:02:20,836
And Mike Hopkins, a fellow
Expedition 37 crew member,

52
00:02:20,836 --> 00:02:24,356
is spending the majority of

his day replacing some parts

53
00:02:24,356 --> 00:02:26,926
on the station's Carbon
Dioxide Removal Assembly.

54
00:02:27,306 --> 00:02:28,966
He has rotated that rack down

55
00:02:28,966 --> 00:02:31,116
and is replacing a
valve inside there.

56
00:02:31,536 --> 00:02:35,256
And that activity's going
to take up the better part

57
00:02:35,256 --> 00:02:37,816
of his day throughout
the afternoon.

58
00:02:40,396 --> 00:02:41,626
As we mentioned,
there's quite a bit

59
00:02:41,626 --> 00:02:43,946
of comings and goings coming up.

60
00:02:44,096 --> 00:02:45,816
The first thing we want
to look at or remind you

61
00:02:45,816 --> 00:02:48,856
of our coverage times is the
launch of Mastracchio, Wakata,

62
00:02:48,856 --> 00:02:50,626
and Tyurin that's
coming up first.

63
00:02:51,686 --> 00:02:53,416
Here's our full programming
list.

64
00:02:53,886 --> 00:02:56,536
Beginning on Wednesday, November
6th, we'll have live coverage

65
00:02:56,536 --> 00:02:58,876
of the launch beginning
at 9:15 p.m. Central Time.

66
00:02:58,876 --> 00:03:03,106
That launch will take place
at 10:14 p.m. Central Time.

67
00:03:03,356 --> 00:03:05,716
And then early morning
on Thursday,

68
00:03:06,196 --> 00:03:07,376
we'll have docking
coverage beginning

69
00:03:07,376 --> 00:03:09,436
at 3:45 a.m. Central Time

70
00:03:09,436 --> 00:03:13,576
with the docking actually taking
place at 4:31 a.m. Central.

71
00:03:14,086 --> 00:03:15,636
We'll have hatch opening
coverage beginning

72
00:03:15,636 --> 00:03:17,676
at 6:15 a.m. Central Time

73
00:03:17,676 --> 00:03:21,236

with the actual hatch opening
taking place within 30 minutes

74
00:03:21,236 --> 00:03:24,676
after that at 6:40 a.m. And
then we'll have a video file

75
00:03:24,676 --> 00:03:26,456
of all the different
highlights of the docking

76
00:03:26,456 --> 00:03:27,516
and the hatch opening beginning

77
00:03:27,516 --> 00:03:30,986
at 8 a.m. Central Time
here on NASA television.

78
00:03:33,086 --> 00:03:36,086
And then just a few days after
that in terms of landing,

79
00:03:36,086 --> 00:03:39,966
whenever Nyberg and Parmitano
and Yurchikhin get ready

80
00:03:39,966 --> 00:03:43,906
to come home, our coverage will
begin at 1:30 p.m. Central Time

81
00:03:43,906 --> 00:03:45,096
on Sunday, November the 10th.

82
00:03:45,166 --> 00:03:47,936
The hatches will be
closed between the crews

83
00:03:47,936 --> 00:03:51,416
at 2 p.m. Central Time and then
our docking coverage will begin

84
00:03:51,416 --> 00:03:54,966
at 5 p.m. Central Time that
day with a docking taking place

85
00:03:54,966 --> 00:04:00,126
at 5:26 p.m. We'll be back
later that evening at 7:30 p.m.

86
00:04:00,126 --> 00:04:01,066
with landing coverage.

87
00:04:01,066 --> 00:04:02,346
The [inaudible] orbit
burn will take place

88
00:04:02,346 --> 00:04:07,806
at 7:56 p.m. Central Time
and then the landing is due

89
00:04:07,806 --> 00:04:11,486
to take place at 8:50 p.m.
Now that will be 8:50 a.m.

90
00:04:11,486 --> 00:04:15,156
over there in Kazakhstan about
30 minutes after sunrise.

91
00:04:15,496 --> 00:04:18,816
And then at 9:30 a.m.
we'll have the video file

92
00:04:18,816 --> 00:04:19,946
with all the different
highlights.

93
00:04:19,946 --> 00:04:23,016
Of course for the latest
just log onto NASA.gov/ntv

94
00:04:23,396 --> 00:04:27,796
or NASA.gov/station as we get
ready to bring you live coverage

95
00:04:27,796 --> 00:04:29,756
of a launch, a space walk,