
LAT = -22.3 ORB= 2274
ALT = 220.9 D/N: 0:15:24
LON= 149.6 BETA= -9.9
INC = 51.7
SHKR
NERR
ULOR
PRKR
DJBR
USKR
ZOE
9
11
10
T171W
T275W

1
00:00:02,250 --> 00:00:04,520
Good morning this is
Mission Control Houston.

2
00:00:04,520 --> 00:00:06,720
Welcome and thank you for
joining us for today's edition

3
00:00:06,720 --> 00:00:11,130
of ISS update this
Tuesday, July 17.

4
00:00:11,130 --> 00:00:14,270
We're coming to you live inside
the International Space Station

5
00:00:14,270 --> 00:00:16,580
flight control room where the
team has been monitoring the

6
00:00:16,580 --> 00:00:19,500
systems aboard the station and
supporting today's activities

7
00:00:19,500 --> 00:00:22,640
of the Expedition
32 crew members.

8
00:00:24,780 --> 00:00:26,760
Leading the Orbit Two team here

9
00:00:26,760 --> 00:00:29,150
in the station flight control
room today is flight director

10
00:00:29,150 --> 00:00:30,460
Ron Spencer.

11
00:00:30,460 --> 00:00:34,000

Next to him is Josh Matthew
there in the red shirt,

12
00:00:34,000 --> 00:00:35,730
who is serving as Capcom.

13
00:00:35,730 --> 00:00:40,120
He's been relaying all ground
messages up to the crew.

14
00:00:40,120 --> 00:00:42,850
Aboard the orbiting complex
station Commander Gennady

15
00:00:42,850 --> 00:00:45,670
Padalka and Flight Engineers
Sergei Revin and Joe Acaba,

16
00:00:45,670 --> 00:00:47,720
who are in their
10th week in space,

17
00:00:47,720 --> 00:00:50,970
welcomed three new crew members
aboard their orbital home early

18
00:00:50,970 --> 00:00:52,440
early this morning.

19
00:00:52,440 --> 00:00:55,780
Russian cosmonaut
Yuri Malenchenko,

20
00:00:55,780 --> 00:00:57,360
NASA astronaut Suni Williams

21
00:00:57,360 --> 00:01:01,700
and Japanese astronaut Aki
Hoshide aboard their Soyuz 05M

22
00:01:01,700 --> 00:01:04,040
spacecraft docked
to the space station

23
00:01:04,040 --> 00:01:06,670
after their successful launch
from the Baikonur Cosmodrome

24
00:01:06,670 --> 00:01:09,510
in Kazakhstan this
past Saturday night.

25
00:01:09,510 --> 00:01:13,210
After a two-day chase on orbit,
the Soyuz spacecraft docked

26
00:01:13,210 --> 00:01:15,960
to the Rassvet module of
the space station last night

27
00:01:15,960 --> 00:01:19,990
at 11:51 PM central time as
the two vehicles were flying

28
00:01:19,990 --> 00:01:23,110
over North East Kazakhstan.

29
00:01:26,510 --> 00:01:29,850
Padalka, Revin and Acaba began
their long day with a wake-up

30
00:01:29,850 --> 00:01:34,360
at 7 PM central time last
night to support the arrival

31
00:01:34,360 --> 00:01:35,480
of their new crew members

32
00:01:35,480 --> 00:01:38,180

who joined them aboard the
International Space Station.

33
00:01:38,180 --> 00:01:41,280
After a series of leak and
pressure checks the hatches

34
00:01:41,280 --> 00:01:44,000
between the vehicles were
opened early this morning

35
00:01:44,000 --> 00:01:47,200
at 2:23 central time.

36
00:01:47,200 --> 00:01:50,640
The new trio joined the crew for
greeting ceremony and conference

37
00:01:50,640 --> 00:01:53,040
with family and mission
officials then conducted a

38
00:01:53,040 --> 00:01:55,190
safety briefing afterward.

39
00:01:55,190 --> 00:01:57,700
It is now back to business

40
00:01:57,700 --> 00:02:00,330
for the current station
residents while their newly

41
00:02:00,330 --> 00:02:03,760
arrived crewmates begin several
days of familiarization tasks

42
00:02:03,760 --> 00:02:08,080
as they adjust to life aboard
the orbital laboratory.

43
00:02:08,080 --> 00:02:10,090
Awaiting their new crewmates

44
00:02:10,090 --> 00:02:12,240
to join them aboard the
International Space Station,

45
00:02:12,240 --> 00:02:15,070
Commander Padalka,
Revin and Acaba launched

46
00:02:15,070 --> 00:02:17,630
to the orbiting complex
aboard their Soyuz spacecraft

47
00:02:17,630 --> 00:02:21,100
as the Expedition
31 crew back in May.

48
00:02:21,100 --> 00:02:23,410
Their vehicle docked
to the Poisk module

49
00:02:23,410 --> 00:02:27,130
of the space station two days
after their launch on may 14th

50
00:02:27,130 --> 00:02:31,590
and today the trio will complete
their 65th consecutive day

51
00:02:31,590 --> 00:02:35,620
in space.

52
00:02:35,620 --> 00:02:40,220
Padalka, Revin and Acaba had
adjusted their sleep shift

53
00:02:40,220 --> 00:02:43,360

with that earlier bedtime
yesterday for an earlier wake

54
00:02:43,360 --> 00:02:45,190
up at 7 PM last night

55
00:02:45,190 --> 00:02:47,930
to accommodate the successful
docking that occurred

56
00:02:47,930 --> 00:02:51,540
at 11:51 PM central time.

57
00:02:51,540 --> 00:02:55,830
The space station with all
six crew members aboard

58
00:02:55,830 --> 00:03:01,120
and the Soyuz TMA-05M now
docked is flying at an altitude

59
00:03:01,120 --> 00:03:07,790
of about 254 statute miles.

60
00:03:07,790 --> 00:03:09,890
The orbiting facility
is on a night pass

61
00:03:09,890 --> 00:03:14,390
on a North Eastern track
just coming across Australia

62
00:03:14,390 --> 00:03:17,860
on the East Coast of Australia
and will soon make its way

63
00:03:17,860 --> 00:03:20,690
across the North Pacific Ocean.

64

00:03:23,940 --> 00:03:27,540
Padalka, Revin and Acaba having
adjusted their sleep shift

65
00:03:27,540 --> 00:03:30,220
with a wake-up last night
began their active long day

66
00:03:30,220 --> 00:03:33,480
with the first of two daily
planning conferences a couple

67
00:03:33,480 --> 00:03:35,100
hours after wake-up.

68
00:03:35,100 --> 00:03:37,930
These planning conferences are
held with ground controllers

69
00:03:37,930 --> 00:03:40,090
at mission control
centers around the world

70
00:03:40,090 --> 00:03:41,840
to review the day's
activities and plan

71
00:03:41,840 --> 00:03:45,140
for the next set of tasks.

72
00:03:45,140 --> 00:03:47,600
The task at the top the
list today being the arrival

73
00:03:47,600 --> 00:03:50,600
of their new crew members.

74
00:03:50,600 --> 00:03:53,180
Raven and Acaba had spent
the earlier part of their day

75
00:03:53,180 --> 00:03:54,530
with maintenance tasks.

76
00:03:54,530 --> 00:03:57,510
Acaba performed air quality
monitoring and maintenance

77
00:03:57,510 --> 00:04:00,660
to the onboard water recovery
system while Revin performed

78
00:04:00,660 --> 00:04:05,290
maintenance to the Russian life
support system known as SOZh.

79
00:04:05,290 --> 00:04:07,950
Meanwhile, Commander Padalka
spent last night focused

80
00:04:07,950 --> 00:04:10,580
on preparation for
docking and monitoring.

81
00:04:10,580 --> 00:04:13,320
Soyuz rendezvous to
the space station.

82
00:04:15,490 --> 00:04:17,690
The Soyuz again docked
to the station

83
00:04:17,690 --> 00:04:21,980
at 11:51 PM central time last
night as the two vehicles flew

84
00:04:21,980 --> 00:04:24,900
across Northeast Kazakhstan.

85

00:04:24,900 --> 00:04:26,810
While awaiting their
new crew members

86
00:04:26,810 --> 00:04:30,020
to join them aboard
the station, Padalka

87
00:04:30,020 --> 00:04:32,660
and Revin turned their
attention to data collection

88
00:04:32,660 --> 00:04:37,230
and maintenance to a few ongoing
Russian science experiments.

89
00:04:37,230 --> 00:04:41,550
Once the hatches were opened
between the newly arrived Soyuz

90
00:04:41,550 --> 00:04:46,660
and the station at 2:23 AM
central time, Malenchenko,

91
00:04:46,660 --> 00:04:49,110
Williams and Hoshide joined
their crewmates aboard the

92
00:04:49,110 --> 00:04:51,770
orbiting facility making
up the full complement

93
00:04:51,770 --> 00:04:54,000
of the Expedition 32 crew.

94
00:04:54,000 --> 00:04:57,450
The newest residents

95
00:04:57,450 --> 00:04:59,900
of the space station spent

some time this morning setting

96
00:04:59,900 --> 00:05:01,130
up their crew quarters

97
00:05:01,130 --> 00:05:03,450
and bringing items aboard
the station that were brought

98
00:05:03,450 --> 00:05:06,620
up with them aboard
their Soyuz spacecraft.

99
00:05:06,620 --> 00:05:08,280
Aki and Suni both participated

100
00:05:08,280 --> 00:05:11,300
in their first private medical
conference while Acaba performed

101
00:05:11,300 --> 00:05:12,520
nitrogen pressure checks

102
00:05:12,520 --> 00:05:15,760
to the onboard Minus Eight
Degree Laboratory Freezer.

103
00:05:15,760 --> 00:05:17,760
This is the onboard
refrigeration system

104
00:05:17,760 --> 00:05:20,600
for storing biological
and experiment samples

105
00:05:20,600 --> 00:05:26,350
for later return to Earth.

106
00:05:26,350 --> 00:05:29,130

The six-member expedition
crew is now settling

107
00:05:29,130 --> 00:05:31,650
down in their presleep period
aboard the space station

108
00:05:31,650 --> 00:05:34,330
as they prepare for
a well-deserved sleep

109
00:05:34,330 --> 00:05:37,750
that will put them back to the
normal station operations clock

110
00:05:37,750 --> 00:05:39,510
for their first full
day of work together

111
00:05:39,510 --> 00:05:43,410
as a full crew aboard the
orbiting complex tomorrow.

112
00:05:43,410 --> 00:05:46,110
The crew is scheduled go to bed
just at the bottom of the hour