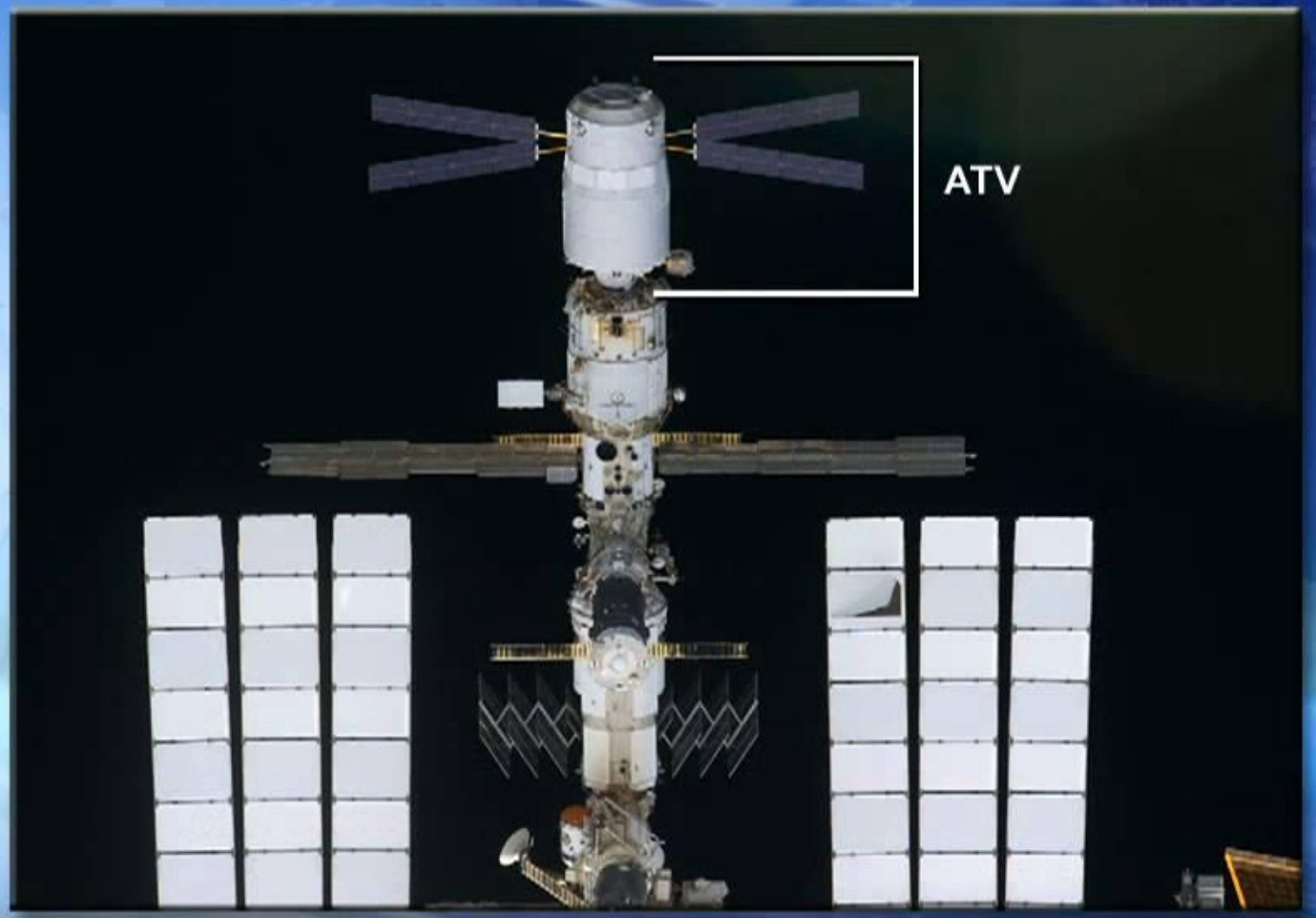

AUTOMATED TRANSFER VEHICLE (ATV) DOCKED TO ISS

1
00:00:08,629 --> 00:00:06,150
good morning and welcome to mission

2
00:00:11,910 --> 00:00:08,639
control houston and space station live

3
00:00:13,270 --> 00:00:11,920
the expedition 36 crew has a full agenda

4
00:00:15,430 --> 00:00:13,280
plan for the day

5
00:00:17,430 --> 00:00:15,440
with the new progress 52 having launched

6
00:00:20,790 --> 00:00:17,440
from the baikonur cosmodrome in

7
00:00:22,550 --> 00:00:20,800
kazakhstan at 3 45 pm central on

8
00:00:23,910 --> 00:00:22,560
saturday

9
00:00:26,230 --> 00:00:23,920
and then the

10
00:00:28,950 --> 00:00:26,240
progress docked then to the piers

11
00:00:31,109 --> 00:00:28,960
docking compartment at 9 26 pm central

12
00:00:33,590 --> 00:00:31,119
time that night

13
00:00:35,350 --> 00:00:33,600

following uh that launch and docking

14
00:00:36,069 --> 00:00:35,360
russian crew members were able to get

15
00:00:40,470 --> 00:00:36,079
the

16
00:00:42,950 --> 00:00:40,480
open on sunday and have now begun

17
00:00:45,350 --> 00:00:42,960
working hard to be begin unpacking the

18
00:00:47,590 --> 00:00:45,360
almost three tons of food fuel

19
00:00:48,790 --> 00:00:47,600
supplies and experiment hardware that it

20
00:00:50,950 --> 00:00:48,800
delivered

21
00:00:52,709 --> 00:00:50,960
included in that was some tools and

22
00:00:54,549 --> 00:00:52,719
spare parts needed

23
00:00:56,310 --> 00:00:54,559
to troubleshoot the space suit that gave

24
00:00:58,389 --> 00:00:56,320
luca parmitano trouble during his

25
00:01:00,630 --> 00:00:58,399
spacewalk with chris cassidy on july

26
00:01:02,549 --> 00:01:00,640
16th team members here on the ground are

27
00:01:04,869 --> 00:01:02,559
still working through their analysis of

28
00:01:07,109 --> 00:01:04,879
the root cause of the water link that

29
00:01:09,190 --> 00:01:07,119
caused the water to begin building up in

30
00:01:10,710 --> 00:01:09,200
parmitano's spacesuit

31
00:01:12,789 --> 00:01:10,720
a second round of troubleshooting was

32
00:01:15,750 --> 00:01:12,799
completed with the crew on friday and a

33
00:01:17,670 --> 00:01:15,760
team is now assessing the results and

34
00:01:18,789 --> 00:01:17,680
next steps for the troubleshooting this

35
00:01:20,230 --> 00:01:18,799
week

36
00:01:21,670 --> 00:01:20,240
meanwhile the flight control team in

37
00:01:23,990 --> 00:01:21,680
europe is working through a problem with

38
00:01:26,950 --> 00:01:24,000

the data processing units on the albert

39
00:01:28,630 --> 00:01:26,960
einstein automated transfer vehicle 4

40
00:01:30,230 --> 00:01:28,640
docked to the end of the zvezda service

41
00:01:32,149 --> 00:01:30,240
module

42
00:01:33,510 --> 00:01:32,159
the vehicle has three data processing

43
00:01:35,429 --> 00:01:33,520
units

44
00:01:37,350 --> 00:01:35,439
and one was isolated from the rest of

45
00:01:41,030 --> 00:01:37,360
the system after a telemetry issue was

46
00:01:43,350 --> 00:01:41,040
detected early last week then on sunday

47
00:01:46,069 --> 00:01:43,360
another data processing unit developed a

48
00:01:48,069 --> 00:01:46,079
similar problem and was also isolated

49
00:01:49,990 --> 00:01:48,079
the atv can function on just one data

50
00:01:50,870 --> 00:01:50,000
processing unit however a second is

51
00:01:52,389 --> 00:01:50,880
needed

52
00:01:53,670 --> 00:01:52,399
for it to stay at the space station for

53
00:01:55,190 --> 00:01:53,680
redundancy

54
00:01:57,830 --> 00:01:55,200
so engineers here on the ground are

55
00:02:00,630 --> 00:01:57,840
working to reset the computers and get

56
00:02:02,069 --> 00:02:00,640
them reintegrated into the larger system

57
00:02:03,830 --> 00:02:02,079
in the midst of this the crew is also

58
00:02:06,550 --> 00:02:03,840
getting ready for a third visiting

59
00:02:08,469 --> 00:02:06,560
vehicle japan's konatori h2 transfer

60
00:02:10,309 --> 00:02:08,479
vehicle number four it's going to launch

61
00:02:13,510 --> 00:02:10,319
from the tanegashima space center in

62
00:02:14,869 --> 00:02:13,520
japan at 2 48 pm central time on

63
00:02:17,270 --> 00:02:14,879

saturday

64
00:02:19,030 --> 00:02:17,280
and birth the morning of august 9th it

65
00:02:21,110 --> 00:02:19,040
will be brought in for the birthing by

66
00:02:23,030 --> 00:02:21,120
the space station's robotic arm driven

67
00:02:25,190 --> 00:02:23,040
by karen nyberg and chris cassidy with

68
00:02:26,470 --> 00:02:25,200
help from luca parmitano and they're

69
00:02:28,470 --> 00:02:26,480
brushing up on their skills for that

70
00:02:31,430 --> 00:02:28,480
activity today with some time at the

71
00:02:33,030 --> 00:02:31,440
robotic workstation inside of the cupola

72
00:02:34,790 --> 00:02:33,040
on top of all that all six members of

73
00:02:37,190 --> 00:02:34,800
the crew are involved in a variety of

74
00:02:39,750 --> 00:02:37,200
experiments looking at astronauts diet

75
00:02:41,190 --> 00:02:39,760
reaction time and vision on orbit as

76
00:02:43,670 --> 00:02:41,200
well as liquid transportation and

77
00:02:45,990 --> 00:02:43,680
microgravity dynamic loads on the space