



ERDOĞAN



1  
00:00:01,626 --> 00:00:04,256  
Good Monday morning from the  
International Space Station

2  
00:00:04,256 --> 00:00:05,346  
flight control room.

3  
00:00:05,346 --> 00:00:07,026  
This is Mission Control,  
Houston.

4  
00:00:07,376 --> 00:00:09,356  
You're looking at a team  
of flight controllers

5  
00:00:09,356 --> 00:00:11,686  
that have been working  
on console

6  
00:00:11,686 --> 00:00:13,936  
since early this  
morning watching

7  
00:00:13,936 --> 00:00:16,836  
over all systems aboard the  
International Space Station.

8  
00:00:17,166 --> 00:00:21,116  
The team is on a  
nine-hour rotation shift,

9  
00:00:21,116 --> 00:00:23,056  
covering three shifts  
around-the-clock

10  
00:00:23,056 --> 00:00:26,676  
to support International  
Space Station operations.

11

00:00:26,676 --> 00:00:29,386  
The team today is being led

12  
00:00:29,386 --> 00:00:32,086  
by veteran Flight  
Director Emily Nelson.

13  
00:00:32,426 --> 00:00:35,986  
She is overseeing this  
team throughout the day.

14  
00:00:35,986 --> 00:00:39,876  
She's also joined on her  
right by Christie Bertels

15  
00:00:39,876 --> 00:00:42,186  
who is serving as the  
communications link

16  
00:00:42,186 --> 00:00:44,476  
between the flight  
control team here

17  
00:00:44,806 --> 00:00:47,926  
and the crew aboard the  
International Space Station.

18  
00:00:48,366 --> 00:00:52,506  
The International Space  
Station is currently flying high

19  
00:00:52,506 --> 00:00:56,966  
above Europe, currently  
passing across Turkey

20  
00:00:57,046 --> 00:00:59,346  
on a southeasterly  
trajectory that will take it

21  
00:00:59,346 --> 00:01:03,276

into an orbital sunset here  
in about 10 minutes or so,

22

00:01:03,276 --> 00:01:07,426

and from this vantage  
point of 247 statute miles,

23

00:01:07,426 --> 00:01:10,876

the station is circling  
the Earth every 92 minutes.

24

00:01:10,876 --> 00:01:15,276

And that, of course, means  
the station's traveling

25

00:01:15,276 --> 00:01:20,236

about 5 miles per second or  
about 17,000 miles per hour.

26

00:01:23,086 --> 00:01:27,326

On board the station now  
a new crew, Expedition 32.

27

00:01:27,326 --> 00:01:30,016

Of course of these three  
gentlemen have been aboard the

28

00:01:30,016 --> 00:01:34,826

station for 48 days  
now, 50 days in space,

29

00:01:34,826 --> 00:01:37,586

but they have transitioned  
to Expedition 32.

30

00:01:37,586 --> 00:01:39,536

In the center is the commander

31

00:01:39,536 --> 00:01:41,716

of Expedition 32

Gennady Padalka.

32

00:01:42,146 --> 00:01:46,476

On his left is U.S.

astronaut Joe Acaba,

33

00:01:46,476 --> 00:01:50,046

and on his right is Russian

cosmonaut Sergei Revin.

34

00:01:50,506 --> 00:01:52,866

These three crew

members transitioned

35

00:01:52,866 --> 00:01:57,156

to Expedition 32 late Saturday

night U.S. Central time,

36

00:01:57,626 --> 00:02:01,176

after the departure of

three other crew members

37

00:02:01,176 --> 00:02:03,216

that made up Expedition 31.

38

00:02:03,596 --> 00:02:05,706

Oleg Kononenko, Andre Kuipers

39

00:02:05,706 --> 00:02:09,746

and Don Pettit returned

home early Sunday morning

40

00:02:09,746 --> 00:02:11,896

after 193 days in space,

41

00:02:11,896 --> 00:02:15,516

191 days aboard the

International Space Station.

42

00:02:16,886 --> 00:02:21,926

They returned home to partly cloudy skies.

43

00:02:22,146 --> 00:02:25,936

Beautiful video of the return home

44

00:02:25,936 --> 00:02:32,496

of their Soyuz TMA-03M spacecraft on the steppe

45

00:02:32,496 --> 00:02:36,546

of Kazakhstan just to the southeast of Zhezkazgan,

46

00:02:36,546 --> 00:02:40,236

which is in the southern landing zone targeted

47

00:02:40,356 --> 00:02:41,996

for that return home.

48

00:02:42,416 --> 00:02:44,756

Those three crew members now safely back

49

00:02:44,816 --> 00:02:51,876

with Oleg Kononenko back in Star City just outside Moscow,

50

00:02:52,176 --> 00:02:56,816

and Kuipers and Pettit returned home aboard a NASA plane shortly

51

00:02:56,816 --> 00:02:59,786

after checkups and the landing,

52

00:03:00,206 --> 00:03:02,506

and they are now

back here in Houston.

53

00:03:02,896 --> 00:03:08,266

The crew on board today  
spending some off duty time,

54

00:03:08,266 --> 00:03:11,616

but they also are continuing  
to work on experiments

55

00:03:11,616 --> 00:03:14,986

and housekeeping chores around  
the International Space Station.

56

00:03:15,366 --> 00:03:18,496

Padalka and Revin have been  
inspecting some circuit breakers

57

00:03:18,496 --> 00:03:20,836

and some fuses in the  
Pirs docking compartment

58

00:03:20,836 --> 00:03:21,896

of the Russian segment.

59

00:03:22,476 --> 00:03:24,126

They've also performed  
some maintenance

60

00:03:24,126 --> 00:03:26,946

in the Zvezda service  
module's ventilation system

61

00:03:27,446 --> 00:03:30,196

and some Earth observation  
photography as well.

62

00:03:30,526 --> 00:03:35,106

Acaba's been working with  
the flight control team here

63

00:03:35,106 --> 00:03:38,786  
in Houston on several  
experiments that are overseen

64

00:03:38,786 --> 00:03:42,016  
by NASA's Marshall Space Flight  
Center in Huntsville, Alabama.

65

00:03:42,526 --> 00:03:45,706  
He's also performed  
a communications test

66

00:03:45,706 --> 00:03:47,406  
between the onboard smartphone

67

00:03:47,646 --> 00:03:49,716  
that is aboard the  
station that's associated

68

00:03:49,716 --> 00:03:51,596  
with the SPHERES experiment,

69

00:03:51,926 --> 00:03:56,016  
known as the Synchronized  
Position Hold, Engage, Reorient,

70

00:03:56,016 --> 00:03:57,556  
Experimental Satellites -

71

00:03:57,976 --> 00:04:01,496  
those small bowling-ball-sized  
satellites that are used

72

00:04:01,496 --> 00:04:06,166  
for interaction with  
school kids on the ground

73

00:04:06,906 --> 00:04:09,876

through some autonomous  
robotic operations.

74

00:04:12,046 --> 00:04:15,936

So, the crew members will wrap  
up their day as usual with going

75

00:04:15,936 --> 00:04:18,036

to bed about 4:30  
in the afternoon,

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00:04:18,396 --> 00:04:23,656

but they continue throughout the  
latter half of their day working

77

00:04:23,656 --> 00:04:26,836

with the station systems  
and ensuring that all

78

00:04:26,836 --> 00:04:28,776

of the components  
aboard the station are

79

00:04:28,776 --> 00:04:31,566

in good working order,  
supporting their activities

80

00:04:31,566 --> 00:04:36,416

on board as they press through  
what's now their 50th day