

EXPEDITION 32



AKIHIKO HOSHIDE
Flight Engineer

1
00:00:01,590 --> 00:00:03,770
This is mission control Houston.

2
00:00:03,770 --> 00:00:06,310
The International Space
Station crew, on something

3
00:00:06,310 --> 00:00:09,250
of a split shift, is getting
ready for the arrival

4
00:00:09,250 --> 00:00:13,080
of another load of supplies
in a Russian cargo ship.

5
00:00:13,080 --> 00:00:17,170
The Progress number 48,
48P, scheduled to launch

6
00:00:17,170 --> 00:00:21,990
from Baikonur Cosmodrome at
2:35 p.m. Houston time Wednesday

7
00:00:21,990 --> 00:00:24,380
afternoon, and to
dock to the station

8
00:00:24,380 --> 00:00:27,250
at 8:24 p.m. Wednesday night.

9
00:00:27,250 --> 00:00:30,770
It will be the first time that
a Progress will launch and dock

10
00:00:30,770 --> 00:00:33,120
to the station on the same day.

11
00:00:33,120 --> 00:00:35,820
After the crew's

morning exercise

12

00:00:35,820 --> 00:00:38,650

and some Russian
public affairs events,

13

00:00:38,650 --> 00:00:42,030

Commander Gennady Padalka and
Flight Engineers Sergei Revin

14

00:00:42,030 --> 00:00:45,380

and Yuri Malenchenko were
sent to bed for a few hours

15

00:00:45,380 --> 00:00:47,210

in the middle of the
day since they will be

16

00:00:47,210 --> 00:00:50,470

up late monitoring
the progress arrival.

17

00:00:50,470 --> 00:00:53,320

Flight Engineers Joe Acaba
started his day setting up

18

00:00:53,320 --> 00:00:56,880

and performing the
Capillary Flow experiment,

19

00:00:56,880 --> 00:01:00,450

which is a fluid physics
investigation designed

20

00:01:00,450 --> 00:01:02,980

to learn more about
how fluids behave

21

00:01:02,980 --> 00:01:05,370

in the microgravity environment.

22

00:01:05,370 --> 00:01:09,480

Flight Engineer Aki Hoshide
set up the Ultrasound equipment

23

00:01:09,480 --> 00:01:13,340

for use with the Integrated
Cardiovascular experiment,

24

00:01:13,340 --> 00:01:16,440

then he assisted Acaba
in gathering data

25

00:01:16,440 --> 00:01:21,250

to quantify any atrophy of the
heart muscle due to the absence

26

00:01:21,250 --> 00:01:24,790

of gravity that the crew members
are currently experiencing.

27

00:01:24,790 --> 00:01:27,950

In the afternoon, the two worked
together taking more readings

28

00:01:27,950 --> 00:01:30,940

for the integrated
cardiovascular experiment.

29

00:01:30,940 --> 00:01:33,240

Flight engineer Suni
Williams worked

30

00:01:33,240 --> 00:01:35,820

on the Advanced Colloids
experiment looking

31

00:01:35,820 --> 00:01:39,940

into how colloids maintain their
relatively even distribution

32

00:01:39,940 --> 00:01:42,890
within materials
while there in space.

33

00:01:42,890 --> 00:01:44,130
Then she did maintenance

34

00:01:44,130 --> 00:01:46,700
in the afternoon
installing the jumper's

35

00:01:46,700 --> 00:01:49,240
for the Express Logistics
Carrier.

36

00:01:49,240 --> 00:01:53,910
Acaba, Williams and Hoshide
start their regular sleep period

37

00:01:53,910 --> 00:01:56,840
Wednesday afternoon, but
will then get up early

38

00:01:56,840 --> 00:01:58,650
and join their Russian crewmates

39

00:01:58,650 --> 00:02:02,500
to help document
tonight's arrival of 48P.

40

00:02:02,500 --> 00:02:05,270
The crews won't get back
on the same sleep shift

41

00:02:05,270 --> 00:02:09,310
until Thursday afternoon,
after they finish leak checks

42

00:02:09,310 --> 00:02:12,740
between the Progress and
the Pirs docking compartment

43

00:02:12,740 --> 00:02:15,450
and open the hatches
to the cargo vehicle.

44

00:02:15,450 --> 00:02:17,140
They are scheduled
to begin that work