
CATO

1
00:00:01,250 --> 00:00:03,200
This is Mission Control Houston.

2
00:00:03,200 --> 00:00:07,020
The International Space
Station's Expedition 31 crew has

3
00:00:07,020 --> 00:00:10,050
been focusing its attention
on Wednesday, on preparations

4
00:00:10,050 --> 00:00:13,340
for the arrival of the first
commercial cargo vehicle

5
00:00:13,340 --> 00:00:14,890
to supply the station.

6
00:00:14,890 --> 00:00:17,470
It's going to happen
later on this week.

7
00:00:17,470 --> 00:00:21,230
SpaceX's Dragon cargo ship
is in route to the station

8
00:00:21,230 --> 00:00:23,530
for planned Thursday morning fly

9
00:00:23,530 --> 00:00:26,030
under of the International
Space Station.

10
00:00:26,030 --> 00:00:30,100
That will take place at a
range of one and a half miles.

11
00:00:30,100 --> 00:00:33,810
The Dragon spacecraft

will establish direct UHF

12
00:00:33,810 --> 00:00:36,870
communications with the
station and perform a test

13
00:00:36,870 --> 00:00:40,330
of its relative global
positioning system system

14
00:00:40,330 --> 00:00:42,620
for determining its
location relative

15
00:00:42,620 --> 00:00:44,600
to where the station is.

16
00:00:44,600 --> 00:00:48,530
It will then loop around
for the another rendezvous

17
00:00:48,530 --> 00:00:50,890
on Friday morning,
which should end

18
00:00:50,890 --> 00:00:54,910
with the station crew using
Canadarm2 to grapple Dragon

19
00:00:54,910 --> 00:00:57,240
and berth it to the station.

20
00:00:57,240 --> 00:01:00,660
On Wednesday, Flight Engineers
Don Pettit, Andre Kuipers

21
00:01:00,660 --> 00:01:04,350
and Joe Acaba, the team
that will operate the arm

22
00:01:04,350 --> 00:01:08,640
and berthing mechanism, spent
more than three hours practicing

23
00:01:08,640 --> 00:01:11,980
with the track and capture of
Dragon in order to get ready

24
00:01:11,980 --> 00:01:15,940
for the real thing, that is
coming up on Friday morning.

25
00:01:15,940 --> 00:01:17,290
Other crew members were busy

26
00:01:17,290 --> 00:01:19,150
with other activities
during the day.

27
00:01:19,150 --> 00:01:22,870
Commander Oleg Kononenkoand
Flight Engineer Gennady Padalka

28
00:01:22,870 --> 00:01:25,570
worked on the Russian
experiment Typology,

29
00:01:25,570 --> 00:01:29,480
which studies how crew members
perform specified activities

30
00:01:29,480 --> 00:01:31,600
in order to study the impact

31
00:01:31,600 --> 00:01:34,790
of long-term exposure
to microgravity.

32
00:01:34,790 --> 00:01:37,210

Flight Engineer Sergei
Revin devoted his day

33
00:01:37,210 --> 00:01:41,980
to Russian systems maintenance
and also had time for adaptation

34
00:01:41,980 --> 00:01:44,180
and orientation to the station,

35
00:01:44,180 --> 00:01:48,070
as did his Soyuz
crewmates Padalka and Acaba.

36
00:01:48,070 --> 00:01:51,360
All six of the crew members
completed daily exercise

37
00:01:51,360 --> 00:01:53,340
to maintain their
physical fitness,

38
00:01:53,340 --> 00:01:57,210
and all of them will have on
the important activity coming

39
00:01:57,210 --> 00:01:58,680
up Thursday morning,

40
00:01:58,680 --> 00:02:02,310
as the commercial cargo ship
Dragon makes its first close