
EXPEDITION 35
CHRIS HADFIELD
Commander

1
00:00:02,134 --> 00:00:05,604
Good day and welcome to Mission
Control Houston where a team

2
00:00:05,604 --> 00:00:08,074
of flight controllers is
watching over the activities

3
00:00:08,074 --> 00:00:10,176
of the International
Space Station

4
00:00:10,176 --> 00:00:12,945
and the Expedition 35 crew.

5
00:00:12,945 --> 00:00:15,948
Right now Ron Spencer is
the flight director on duty,

6
00:00:15,948 --> 00:00:17,516
and David Saint-Jacques

7
00:00:17,516 --> 00:00:20,719
of the Canadian space agency
is the spacecraft communicator,

8
00:00:20,719 --> 00:00:23,022
or Capcom, talking with
the crew on board the.

9
00:00:23,022 --> 00:00:25,858
Of course the crew onboard
the space station right now is

10
00:00:25,858 --> 00:00:28,260
commanded by Canadian
Chris Hadfield,

11
00:00:28,260 --> 00:00:30,596

who is leading Expedition 35.

12
00:00:30,596 --> 00:00:33,866
With him are Tom Marshburn
of NASA and Roman Romanenko

13
00:00:33,866 --> 00:00:36,302
of the Russian federal
space agency.

14
00:00:36,302 --> 00:00:38,871
It's another busy day
for the three-person crew

15
00:00:38,871 --> 00:00:40,139
on the space station.

16
00:00:40,139 --> 00:00:41,707
The focus today is on science

17
00:00:41,707 --> 00:00:44,510
and packing the Dragon
SpaceX cargo vehicle

18
00:00:44,510 --> 00:00:46,779
for its return home
to Earth with a host

19
00:00:46,779 --> 00:00:50,716
of scientific samples, some of
which are in progress right now.

20
00:00:50,716 --> 00:00:52,184
The crew has about 14 hours

21
00:00:52,184 --> 00:00:54,487
of packing do before
closing the hatches

22

00:00:54,487 --> 00:00:57,890
on Sunday sending
Dragon on its way Monday.

23
00:00:57,890 --> 00:01:00,326
Today Tom Marshburn
is cleaning the core

24
00:01:00,326 --> 00:01:02,661
of the Japanese Marangoni
experiment, getting it ready

25
00:01:02,661 --> 00:01:04,063
for some research runs.

26
00:01:04,063 --> 00:01:06,632
Marangoni looks at surface
tension in microgravity,

27
00:01:06,632 --> 00:01:10,035
the same effect that causes
legs inside a wineglass.

28
00:01:10,035 --> 00:01:12,238
Hadfield did a review of
procedures he'll follow

29
00:01:12,238 --> 00:01:14,940
to reinstall the
Amine Swingbed system.

30
00:01:14,940 --> 00:01:17,076
That's an experimental
carbon dioxide removal

31
00:01:17,076 --> 00:01:18,677
and recovery device
that could lead

32
00:01:18,677 --> 00:01:22,681

to smaller more efficient life
support systems for spacecraft.

33
00:01:22,681 --> 00:01:25,751
Romanenko on the
mission control team

34
00:01:25,751 --> 00:01:29,188
in Moscow is conducting a
docking system video test today

35
00:01:29,188 --> 00:01:30,756
to get ready for the
arrival of the rest

36
00:01:30,756 --> 00:01:35,027
of the Expedition 35 crew: Pavel
Vinogradov, Alexander Misurkin

37
00:01:35,027 --> 00:01:38,464
and NASA's Chris Cassidy
will launch on March 28

38
00:01:38,464 --> 00:01:41,734
on the first single day
launch-to-docking for a crew.

39
00:01:41,734 --> 00:01:46,405
Mission Control Moscow conducted
a Zvezda service module test

40
00:01:46,405 --> 00:01:48,274
of thrusters and also dealt

41
00:01:48,274 --> 00:01:50,476
with several false smoke
alarm readings today.

42
00:01:50,476 --> 00:01:53,445
With help from Mission

Control Houston the crew worked

43
00:01:53,445 --> 00:01:55,147
through its emergency
fire procedures

44
00:01:55,147 --> 00:01:58,684
until the alarms were
determined to be false alarms.

45
00:01:58,684 --> 00:02:01,320
Tomorrow the station
is scheduled

46
00:02:01,320 --> 00:02:04,690
to perform reboost using
the Progress 49 thrusters.

47
00:02:04,690 --> 00:02:06,859
The reboost is going to
raise the station's altitude

48
00:02:06,859 --> 00:02:10,996
by about three miles to prepare
for the Soyuz 34 rendezvous

49
00:02:10,996 --> 00:02:12,831
and docking later this month.

50
00:02:12,831 --> 00:02:17,203
That burn's going to last
11 minutes and 13 seconds.

51
00:02:17,203 --> 00:02:21,774
Later today Expedition 36/37
crew members Karen Nyberg,

52
00:02:21,774 --> 00:02:25,044
Fyodor Yurchikhin and Luca
Parmitano will be answering

53
00:02:25,044 --> 00:02:27,680
questions from reporters
and social media visitors

54
00:02:27,680 --> 00:02:30,849
to the Johnson Space Center
in their crew news conference.

55
00:02:30,849 --> 00:02:34,053
It's their last public briefing
before heading for Russia

56
00:02:34,053 --> 00:02:36,956
and the final round of
training before their mission.

57
00:02:36,956 --> 00:02:40,526
The news conference today begins
at 1 PM central time, 2 Eastern,

58
00:02:40,526 --> 00:02:43,796
and Expedition 36 launches
from the Baikonur Cosmodrome

59
00:02:43,796 --> 00:02:47,099
in Kazakhstan on March 25.

60
00:02:47,099 --> 00:02:49,134
Correction, May 25.

61
00:02:49,134 --> 00:02:50,936
A reminder: submit
your questions

62
00:02:50,936 --> 00:02:54,073
to the Expedition 36 crew
during the crew briefing.

63

00:02:54,073 --> 00:02:59,211
Submit them using
the hashtag #AskNASA.

64
00:02:59,211 --> 00:03:03,882
And you can also participate in
a tweet chat following briefing

65
00:03:03,882 --> 00:03:06,719
with Karen Nyberg and
Martha Stewart Living.

66
00:03:06,719 --> 00:03:09,855
That'll be at:30
PM central time,

67
00:03:09,855 --> 00:03:13,892
using the hash tag #SpaceCrafts.

68
00:03:13,892 --> 00:03:16,395
With everything working well