



1  
00:00:01,696 --> 00:00:03,956  
Good morning and welcome  
to Mission Control Houston

2  
00:00:03,956 --> 00:00:05,896  
and the International  
Space Station Update.

3  
00:00:06,536 --> 00:00:08,136  
We're here with the  
International Space Station

4  
00:00:08,136 --> 00:00:10,476  
flight control team inside  
the Space Station Flight

5  
00:00:10,476 --> 00:00:11,216  
Control Room.

6  
00:00:11,756 --> 00:00:14,686  
And the team is led again today  
by flight director Emily Nelson

7  
00:00:14,816 --> 00:00:16,806  
with Jack Fischer in  
the role of Capcom.

8  
00:00:17,866 --> 00:00:19,656  
Onboard the space  
station, the three members

9  
00:00:19,696 --> 00:00:22,096  
of the Expedition 34  
crew currently living

10  
00:00:22,096 --> 00:00:24,696  
in space are more than halfway  
through their day which began

11

00:00:24,696 --> 00:00:26,246  
at 1 a.m. Central  
time this morning.

12  
00:00:27,066 --> 00:00:28,596  
Commander Kevin Ford of NASA

13  
00:00:28,596 --> 00:00:30,886  
and Russian Flight  
Engineers Oleg Novitskiy

14  
00:00:30,886 --> 00:00:33,716  
and Evgeny Tarelkin are all  
onboard the space station

15  
00:00:34,136 --> 00:00:36,706  
and have been there  
since October 25

16  
00:00:36,706 --> 00:00:39,446  
when their Soyuz  
TMA-06M vehicle docked

17  
00:00:39,486 --> 00:00:40,926  
to the Russian Poisk module.

18  
00:00:41,336 --> 00:00:44,126  
Ford, Novitskiy and  
Tarelkin have been alone

19  
00:00:44,256 --> 00:00:47,286  
since their former crewmates  
Suni Williams, Aki Hoshide

20  
00:00:47,286 --> 00:00:49,216  
and Yuri Malenchenko  
left last month.

21  
00:00:49,346 --> 00:00:51,036  
But that won't be the

case for much longer.

22

00:00:51,746 --> 00:00:54,216

Next week they'll be  
joined by the remainder

23

00:00:54,216 --> 00:00:57,126

of the Expedition 34  
crew Chris Hadfield

24

00:00:57,126 --> 00:01:00,446

of the Canadian Space  
Agency, Tom Marshburn of NASA

25

00:01:00,846 --> 00:01:02,426

and Roman Romanenko of Russia.

26

00:01:03,176 --> 00:01:05,756

Hadfield, Marshburn and  
Romanenko are scheduled

27

00:01:05,756 --> 00:01:09,506

to launch on December 19  
at 6:12 a.m. Central time

28

00:01:09,506 --> 00:01:11,576

from the Baikonur  
Cosmodrome in Kazakhstan.

29

00:01:12,206 --> 00:01:13,086

And they're already there

30

00:01:13,086 --> 00:01:14,686

in Kazakhstan awaiting  
their departure.

31

00:01:15,386 --> 00:01:17,926

In the meantime, Ford,  
Tarelkin and Novitskiy are hard

32

00:01:17,926 --> 00:01:21,386

at work holding down the fort,  
or station, while they wait.

33

00:01:21,956 --> 00:01:24,836

Ford spent the bulk his day on  
maintenance activities working

34

00:01:24,836 --> 00:01:27,636

with the station's regenerative  
environmental control

35

00:01:27,636 --> 00:01:28,766

and life support system.

36

00:01:28,796 --> 00:01:30,706

That's the system  
that turns wastewater

37

00:01:30,706 --> 00:01:32,646

into drinking water  
for the crew.

38

00:01:32,926 --> 00:01:35,546

He also did some standard  
maintenance on that system

39

00:01:35,546 --> 00:01:39,766

and then analyzed the water  
it's produced to ensure

40

00:01:39,766 --> 00:01:41,866

that all the impurities have  
been removed and that its safe

41

00:01:41,866 --> 00:01:43,386

and healthy for the  
astronauts to drink.

42

00:01:44,136 --> 00:01:47,806  
Meanwhile, today Novitskiy and  
Tarelkin have also been working

43  
00:01:47,806 --> 00:01:48,946  
on housekeeping items.

44  
00:01:49,886 --> 00:01:52,036  
They've been taking  
off several items

45  
00:01:52,036 --> 00:01:54,626  
on their to-do list  
including Progress unpacking,

46  
00:01:55,216 --> 00:01:58,826  
also window inspections of the  
Zvezda service module windows

47  
00:01:59,326 --> 00:02:02,296  
and a tool and hardware  
inventory analysis

48  
00:02:02,916 --> 00:02:04,966  
that they performed  
yesterday and were looking

49  
00:02:05,256 --> 00:02:06,346  
over the results of today.

50  
00:02:06,966 --> 00:02:09,096  
They're each spending a bit  
of time on science experiments

51  
00:02:09,096 --> 00:02:12,036  
as well including studies on how  
crystals form in microgravity,

52  
00:02:12,526 --> 00:02:15,386  
the Earth's oceans and human

adaptation to spaceflight.

53

00:02:15,896 --> 00:02:17,306

That's what's been  
going on in space today