



1  
00:00:02,300 --> 00:00:04,140  
Good morning and welcome  
to mission control Houston

2  
00:00:04,140 --> 00:00:06,640  
and the International Space Station update.

3  
00:00:06,640 --> 00:00:09,830  
We are joining the International  
Space Station Flight Control Team

4  
00:00:09,830 --> 00:00:13,810  
in the space station flight control room  
here at the mission control center in Houston

5  
00:00:13,810 --> 00:00:16,720  
where the Orbit 2 Team is  
on console at this time.

6  
00:00:16,720 --> 00:00:22,440  
Led today again by Flight Director Paul  
Dye, with Anna Fisher in the capcom seat.

7  
00:00:22,440 --> 00:00:29,110  
On board the International Space Station,  
the Expedition 30 crew is more than halfway

8  
00:00:29,110 --> 00:00:32,250  
through their day which began  
at midnight Central Time.

9  
00:00:32,250 --> 00:00:37,740  
U.S. Commander Dan Burbank as well as  
Russian Flight Engineers Anton Shkaplerov

10  
00:00:37,740 --> 00:00:43,490  
and Anatoly Ivanishin are currently  
orbiting 241 miles above the Pacific Ocean,

11

00:00:43,490 --> 00:00:46,130  
heading towards the coast of Chile.

12

00:00:46,130 --> 00:00:50,320  
Burbank, Shkaplerov and Ivanishin  
launched to the station

13

00:00:50,320 --> 00:00:55,730  
in their Russian Soyuz TMA-22 vehicle  
on November 13 and docked to the station

14

00:00:55,730 --> 00:00:58,930  
on November 15, so they are  
working on their 23 day in space

15

00:00:58,930 --> 00:01:00,990  
and their 21 day at the space station.

16

00:01:00,990 --> 00:01:06,680  
They have been on the station since the  
Expedition 29 crew members left on November 21,

17

00:01:06,680 --> 00:01:11,580  
but will soon be joined by the  
remainder of the Expedition 30 crew.

18

00:01:11,580 --> 00:01:16,870  
Flight Engineers Don Pettit, Oleg  
Kononenko and Andre Kuipers are currently

19

00:01:16,870 --> 00:01:21,500  
at the Gagarin Cosmonaut training  
center in Star City, Russia near Moscow.

20

00:01:21,500 --> 00:01:25,570  
They have been conducting some administrative  
work there today and will be moving on Thursday

21

00:01:25,570 --> 00:01:30,620  
to the Baikonur Cosmodrome in Kazakhstan

were their Soyuz TMA-03M is being prepared

22

00:01:30,620 --> 00:01:35,460  
for their December 21 launch  
to the space station.

23

00:01:35,460 --> 00:01:40,300  
Pettit, Kuipers and Kononenko are scheduled  
to reach the space station and join Burbank,

24

00:01:40,300 --> 00:01:43,730  
Shkaplerov and Ivanishin on December 23.

25

00:01:43,730 --> 00:01:46,790  
While they wait for crew mates  
arrivals, the astronauts currently

26

00:01:46,790 --> 00:01:49,380  
on board the station are staying busy.

27

00:01:49,380 --> 00:01:53,020  
They are still learning life in the space  
station, so some time is set aside each day

28

00:01:53,020 --> 00:01:59,400  
for the crew members to spend an hour or so  
to explore the station and learn its systems.

29

00:01:59,400 --> 00:02:02,540  
Today all three crew members came  
together for a depressurization drill,

30

00:02:02,540 --> 00:02:06,530  
to practice the procedures to go  
through if the station had a leak.

31

00:02:06,530 --> 00:02:10,250  
Burbank is also working on an integrated  
cardiovascular experiment that's looks

32

00:02:10,250 --> 00:02:14,710

at how the body's cardiovascular system  
reacts to being in space and getting ready

33

00:02:14,710 --> 00:02:20,200

for the installation on Thursday of the Amine  
Swingbed prototype which will be tested for use

34

00:02:20,200 --> 00:02:24,690

in the future Orion vehicle for removing  
carbon dioxide from the atmosphere.