



1  
00:00:00,766 --> 00:00:09,575  
[ Music ]

2  
00:00:11,577 --> 00:00:13,979  
>> This is Mission  
Control Houston, Wednesday,

3  
00:00:13,979 --> 00:00:16,882  
September 4th and the  
International Space Station Crew

4  
00:00:16,882 --> 00:00:20,119  
has completed the removal  
of a Japanese cargo ship

5  
00:00:20,119 --> 00:00:24,156  
from the station; sent it on  
its way to a destructive entry,

6  
00:00:24,156 --> 00:00:26,292  
back into earth's atmosphere.

7  
00:00:26,292 --> 00:00:29,762  
The Japanese Aerospace  
Exploration Agency sent its H2

8  
00:00:29,762 --> 00:00:34,266  
transfer vehicle number 4  
to orbit on August the 3rd.

9  
00:00:34,266 --> 00:00:36,402  
It arrived at the  
station, then was installed

10  
00:00:36,402 --> 00:00:39,004  
on a Harmony module  
on August 9th.

11  
00:00:39,004 --> 00:00:43,609

Since then, the Expedition 36 crewmembers unloaded 3.6 tons

12  
00:00:43,609 --> 00:00:45,644  
of supplies that it carried;

13  
00:00:45,644 --> 00:00:48,414  
some of it inside the  
pressurized container

14  
00:00:48,414 --> 00:00:51,450  
and some unpressurized  
on a pallet inserted

15  
00:00:51,450 --> 00:00:53,385  
into the side of the vehicle.

16  
00:00:53,385 --> 00:00:56,856  
They reloaded it with trash and  
items that were no longer needed

17  
00:00:56,856 --> 00:00:58,991  
on board the station; the hatch

18  
00:00:58,991 --> 00:01:02,428  
to the HTV4 was closed  
on Tuesday.

19  
00:01:02,428 --> 00:01:04,997  
On Wednesday morning, the  
crew commanded the opening

20  
00:01:04,997 --> 00:01:08,000  
of the restraints  
holding the HTV to Harmony

21  
00:01:08,000 --> 00:01:10,936  
and ground controllers  
commanded [inaudible] two

22

00:01:10,936 --> 00:01:14,106  
to remove the vehicle  
from its docking port

23

00:01:14,106 --> 00:01:16,976  
and placed it into  
proper position.

24

00:01:16,976 --> 00:01:19,845  
At 11:20 a.m. Central Time,

25

00:01:19,845 --> 00:01:23,349  
Flight Engineer Karen Nyberg  
sent the commands for the arm

26

00:01:23,349 --> 00:01:25,584  
to release the white stork.

27

00:01:25,584 --> 00:01:28,687  
The cargo ship was allowed to  
drift away from the station

28

00:01:28,687 --> 00:01:32,291  
for several minutes before  
Flight Engineer Luca Parmitano

29

00:01:32,291 --> 00:01:35,995  
sent the command for the  
first of four engine firings

30

00:01:35,995 --> 00:01:39,532  
to make HTV away from  
the station's orbit.

31

00:01:39,532 --> 00:01:41,400  
Its flight is being monitored

32

00:01:41,400 --> 00:01:44,236  
by the Japanese flight

control team,

33

00:01:44,236 --> 00:01:47,873

the HTV flight control  
team and it is that team

34

00:01:47,873 --> 00:01:50,543

that will command the  
final entry of the vehicle

35

00:01:50,543 --> 00:01:54,480

into the atmosphere coming up  
on Saturday, September the 7th,

36

00:01:54,480 --> 00:01:58,250

when it and its cargo  
will be safely destroyed.

37

00:01:58,250 --> 00:02:00,119

Station Command Pavel Vinagrodov

38

00:02:00,119 --> 00:02:02,254

and his crew now  
turn their attention

39

00:02:02,254 --> 00:02:05,824

to another dynamic  
event next week when he

40

00:02:05,824 --> 00:02:07,660

and Flight Engineers  
Chris Cassidy

41

00:02:07,660 --> 00:02:11,730

and Alexander Mazurkin get in  
their Soyuz vehicle and undock

42

00:02:11,730 --> 00:02:14,900

for the station for  
the trip back to earth.

43

00:02:14,900 --> 00:02:17,870

A good bit of their time this coming week will be devoted

44

00:02:17,870 --> 00:02:21,774

to packing up and preparing to come home after some five

45

00:02:21,774 --> 00:02:23,242

and a half months in space.

46

00:02:23,242 --> 00:02:27,112

They're due to depart the station on September the 10th

47

00:02:27,112 --> 00:02:30,749

at 6:37 p.m. Houston time and land

48

00:02:30,749 --> 00:02:34,086

in Kazakhstan just before 10 o'clock Houston time

49

00:02:34,086 --> 00:02:35,487

of that same night.

50

00:02:35,487 --> 00:02:38,958

Their undocking from the station next week will mark the start

51

00:02:38,958 --> 00:02:43,395

of Expedition 37 and Fyodor Yurchikhin's second tour of duty