



1  
00:00:03,909 --> 00:00:02,149  
you can see right in the center of your

2  
00:00:05,829 --> 00:00:03,919  
screen there

3  
00:00:08,150 --> 00:00:05,839  
the international space station itself

4  
00:00:09,589 --> 00:00:08,160  
currently about 250 statute miles over

5  
00:00:10,790 --> 00:00:09,599  
the earth's surface

6  
00:00:13,589 --> 00:00:10,800  
htv

7  
00:00:15,910 --> 00:00:13,599  
uh on its way

8  
00:00:18,150 --> 00:00:15,920  
but the team's continuing to uh keep an

9  
00:00:21,750 --> 00:00:18,160  
eye on everything we're under five

10  
00:00:24,710 --> 00:00:21,760  
minutes now at about 42 meters away

11  
00:00:24,720 --> 00:00:34,630  
we're listening on two

12  
00:00:40,229 --> 00:00:37,110  
htv reflecting the

13  
00:00:43,510 --> 00:00:40,239

last bits of uh sunlight as the sun sets

14

00:00:47,990 --> 00:00:43,520

on the station htv and the expedition 44

15

00:00:53,029 --> 00:00:50,229

currently at that 30 meter hole point

16

00:01:04,070 --> 00:00:53,039

should be departing in just about 13

17

00:01:09,590 --> 00:01:07,270

station houston on two for hdv

18

00:01:12,469 --> 00:01:09,600

we're expecting that the sunrise will

19

00:01:15,830 --> 00:01:12,479

happen about the 90 seconds after

20

00:01:18,310 --> 00:01:15,840

the htv arrives at the capture point

21

00:01:19,190 --> 00:01:18,320

and htv well within the sights now of

22

00:01:21,030 --> 00:01:19,200

the

23

00:01:23,350 --> 00:01:21,040

station's robotic arm this camera

24

00:01:25,749 --> 00:01:23,360

looking right down the barrel at the

25

00:01:27,830 --> 00:01:25,759

unmanned cargo craft just about a little

26  
00:01:33,749 --> 00:01:27,840  
over four minutes and 10 seconds away

27  
00:01:40,390 --> 00:01:37,270  
gel frgf step is enabled

28  
00:01:44,310 --> 00:01:40,400  
please prepare for capture per step 11

29  
00:01:48,950 --> 00:01:46,469  
lead htv flight director royce renfrew

30  
00:01:51,510 --> 00:01:48,960  
getting a final go no go from all of the

31  
00:01:54,149 --> 00:01:51,520  
teams down here on the ground and at the

32  
00:01:58,950 --> 00:01:54,159  
htv flight control center out in scuba

33  
00:01:58,960 --> 00:02:18,710  
three meters in closing

34  
00:02:23,110 --> 00:02:21,350  
two meters in closing community at the

35  
00:02:29,589 --> 00:02:23,120  
robotic controls

36  
00:02:29,599 --> 00:02:46,309  
one meter

37  
00:02:49,670 --> 00:02:47,589  
and

38  
00:02:53,430 --> 00:02:49,680

capture confirmed

39

00:02:55,990 --> 00:02:53,440  
28 a.m central time 6 28 eastern

40

00:02:58,309 --> 00:02:56,000  
as the station flying just about 250

41

00:03:01,830 --> 00:02:58,319  
statute miles to the south of brazil

42

00:03:05,190 --> 00:03:01,840  
over south america so htv 5 now in the

43

00:03:07,030 --> 00:03:05,200  
hands of expedition 44 grappled to that

44

00:03:09,430 --> 00:03:07,040  
robotic arm delivering over four and a

45

00:03:11,990 --> 00:03:09,440  
half tons of supplies to the

46

00:03:14,949 --> 00:03:12,000  
international space station

47

00:03:18,309 --> 00:03:14,959  
htv5 sits poised just a few feet away

48

00:03:21,350 --> 00:03:18,319  
from its final berthing port having

49

00:03:23,589 --> 00:03:21,360  
completed uh just a little over five

50

00:03:25,030 --> 00:03:23,599  
days it's actually been five days and

51  
00:03:27,430 --> 00:03:25,040  
twelve minutes

52  
00:03:32,550 --> 00:03:27,440  
since htv five launched from the

53  
00:03:37,670 --> 00:03:35,670  
htv 5 continuing to close in inch by

54  
00:03:39,750 --> 00:03:37,680  
inch now

55  
00:03:42,070 --> 00:03:39,760  
very slow methodical

56  
00:03:44,229 --> 00:03:42,080  
movement of the space station's robotic

57  
00:03:46,390 --> 00:03:44,239  
arm canada arm 2

58  
00:03:50,309 --> 00:03:46,400  
to which the several ton spacecraft is

59  
00:03:55,110 --> 00:03:52,229  
at the end of this maneuver it'll only

60  
00:03:57,509 --> 00:03:55,120  
be two feet away from that berthing port

61  
00:04:02,309 --> 00:03:57,519  
and again it'll pause there for a little

62  
00:04:07,750 --> 00:04:05,190  
so again htv5 gonna

63  
00:04:10,390 --> 00:04:07,760

hold here for a little while until i uh

64

00:04:12,149 --> 00:04:10,400

crew member scott kelly the nasa

65

00:04:13,910 --> 00:04:12,159

astronaut currently timeline to be the

66

00:04:18,390 --> 00:04:13,920

one to assist

67

00:04:18,400 --> 00:04:27,990

houston here comes step 6a bolts

68

00:04:28,000 --> 00:04:33,350

copy scott we're ready

69

00:04:37,749 --> 00:04:35,270

and so just hearing the bolts are in

70

00:04:40,830 --> 00:04:37,759

place second stage capture is confirmed

71

00:04:43,749 --> 00:04:40,840

902 am central time this morning

72

00:04:45,590 --> 00:04:43,759

htv5 now attached to the international

73

00:04:47,990 --> 00:04:45,600

space station delivering more than four

74

00:04:50,150 --> 00:04:48,000

and a half tons of cargo

75

00:04:53,430 --> 00:04:50,160

for the expedition 44 crew to begin

76

00:04:55,830 --> 00:04:53,440

unloading within the days to come

77

00:04:59,430 --> 00:04:55,840

but again with that uh

78

00:05:01,430 --> 00:04:59,440

htv-5 attached following a flawless

79

00:05:03,590 --> 00:05:01,440

flight to orbit in a

80

00:05:06,150 --> 00:05:03,600

flawless final stages

81

00:05:08,070 --> 00:05:06,160

completed earlier this morning as it

82

00:05:09,830 --> 00:05:08,080

approached and was grappled with the

83

00:05:12,230 --> 00:05:09,840

international space station's canada arm

84

00:05:15,270 --> 00:05:12,240

2 robotic arm by camille yui the

85

00:05:17,270 --> 00:05:15,280

japanese aerospace exploration agency

86

00:05:19,749 --> 00:05:17,280

robotics flight controllers uh here on

87

00:05:22,070 --> 00:05:19,759

the ground maneuvering into place that

88

00:05:25,110 --> 00:05:22,080

now attached the bolts driven by scott