



1
00:00:05,749 --> 00:00:03,510
of this cargo craft the sun is uh just

2
00:00:08,790 --> 00:00:05,759
beginning to uh rise

3
00:00:10,790 --> 00:00:08,800
as the space station and htv uh fly in

4
00:00:12,070 --> 00:00:10,800
formation over the eastern united states

5
00:00:13,430 --> 00:00:12,080
about to head out over the atlantic

6
00:00:15,589 --> 00:00:13,440
ocean

7
00:00:17,830 --> 00:00:15,599
as you can see this graphic overlay that

8
00:00:19,269 --> 00:00:17,840
the crew is monitoring as htv continues

9
00:00:21,189 --> 00:00:19,279
to close in

10
00:00:23,349 --> 00:00:21,199
on the station right now it's about 30

11
00:00:27,269 --> 00:00:23,359
meters away

12
00:00:28,790 --> 00:00:27,279
which is a distance of about 98 feet

13
00:00:31,029 --> 00:00:28,800

it is at a hold point right now for

14

00:00:33,510 --> 00:00:31,039

about the next six and a half minutes

15

00:00:35,590 --> 00:00:33,520

and once the go is given that is when

16

00:01:49,990 --> 00:00:35,600

htv will continue to close in to a point

17

00:01:50,000 --> 00:01:55,270

again

18

00:01:55,280 --> 00:02:02,230

overlooking

19

00:02:21,990 --> 00:02:11,270

capture

20

00:02:25,270 --> 00:02:23,750

the two vehicles are over the southern

21

00:02:27,270 --> 00:02:25,280

indian ocean

22

00:02:33,270 --> 00:02:27,280

at about 220 miles heading down toward

23

00:02:33,280 --> 00:02:44,229

entrance 5 300 positionals

24

00:02:48,949 --> 00:02:46,150

and houston station

25

00:02:51,509 --> 00:02:48,959

hdd capture is complete

26
00:02:54,229 --> 00:02:51,519
great job you guys paolo katie and scott

27
00:02:55,830 --> 00:02:54,239
on the morning's work congratulations to

28
00:03:04,550 --> 00:02:55,840
all of you and congratulations to the

29
00:03:08,309 --> 00:03:06,710
and then we have synatory in our grasp

30
00:03:10,630 --> 00:03:08,319
it demonstrates what we can do when

31
00:03:13,110 --> 00:03:10,640
humans and robots work together we look

32
00:03:16,470 --> 00:03:13,120
forward to bringing htv2 includatory

33
00:03:23,509 --> 00:03:16,480
aboard the international space station

34
00:03:28,390 --> 00:03:25,750
and there is our first live view of the

35
00:03:31,030 --> 00:03:28,400
htv captured by the station's robotic

36
00:03:34,869 --> 00:03:33,110
right now the two spacecraft are to the

37
00:03:39,030 --> 00:03:34,879
south of australia about to head toward

38
00:03:57,190 --> 00:03:41,270

they are heading into orbital night the

39

00:04:01,750 --> 00:03:59,350

the robotics officer confirming that the

40

00:04:04,070 --> 00:04:01,760

arm is in motion so

41

00:04:05,990 --> 00:04:04,080

things beginning to move forward as htv

42

00:04:08,630 --> 00:04:06,000

continues to near that bottom side of

43

00:04:11,270 --> 00:04:08,640

the harmony node

44

00:04:23,670 --> 00:04:11,280

it's about a nine minute movement that's

45

00:04:29,030 --> 00:04:26,150

the expedition 26 crew continuing to

46

00:04:30,870 --> 00:04:29,040

move the japanese htv cargo craft into

47

00:04:33,830 --> 00:04:30,880

my inch toward the international space

48

00:04:35,670 --> 00:04:33,840

station this is a very slow process they

49

00:04:37,830 --> 00:04:35,680

will verify that everything is lined up

50

00:04:39,189 --> 00:04:37,840

according to plan

51
00:05:00,230 --> 00:04:39,199
and the mission control team here in

52
00:05:00,240 --> 00:05:04,629
uh we do katie

53
00:05:08,310 --> 00:05:06,230
in the center we see

54
00:05:10,550 --> 00:05:08,320
one we see actually two red circles and

55
00:05:16,790 --> 00:05:10,560
they're not concentric

56
00:05:24,390 --> 00:05:18,150
yeah we're seeing the same thing here

57
00:05:24,400 --> 00:06:45,749
actually now they are concentric

58
00:06:55,990 --> 00:06:49,510
we have four rtl seven centimeters

59
00:06:59,990 --> 00:06:58,070
katie coleman confirming that the crew

60
00:07:04,070 --> 00:07:00,000
sees four good what are known as rtl's

61
00:07:07,909 --> 00:07:05,749
this basically means that htv is in the

62
00:07:09,430 --> 00:07:07,919
proper position and the crew should be

63
00:07:13,510 --> 00:07:09,440

proceeding toward

64

00:07:14,950 --> 00:07:13,520

securing the bolts here shortly

65

00:07:16,790 --> 00:07:14,960

coleman had called down to the crew here

66

00:07:17,990 --> 00:07:16,800

and the team here in houston uh talking

67

00:07:19,749 --> 00:07:18,000

about those two circles you see in the

68

00:07:21,589 --> 00:07:19,759

middle that they were not concentric to

69

00:07:23,029 --> 00:07:21,599

one another

70

00:07:24,870 --> 00:07:23,039

the team here in houston believed that

71

00:07:26,469 --> 00:07:24,880

uh one of those is a reflection actually

72

00:07:29,670 --> 00:07:26,479

off of the end

73

00:07:31,029 --> 00:07:29,680

of htv's hatchway

74

00:07:32,870 --> 00:07:31,039

and that the crew could basically just

75

00:07:35,189 --> 00:07:32,880

disregard that and take a look at the

76

00:07:54,469 --> 00:07:35,199

red chevrons which were in view

77

00:07:58,629 --> 00:07:55,990

a portion

78

00:08:00,150 --> 00:07:58,639

of the htd cargo craft that is uh about

79

00:08:02,710 --> 00:08:00,160

to be mated with the international space

80

00:08:04,629 --> 00:08:02,720

station as the pressurized section that

81

00:08:05,990 --> 00:08:04,639

contains the hatch in between htv and

82

00:08:08,550 --> 00:08:06,000

the international space station that

83

00:08:11,430 --> 00:08:08,560

hatch will be opened up tomorrow morning

84

00:08:13,990 --> 00:08:11,440

at 6 30 a.m central time 7 30 a.m

85

00:08:15,510 --> 00:08:14,000

eastern time

86

00:08:16,950 --> 00:08:15,520

there's a list of verification

87

00:08:18,150 --> 00:08:16,960

procedures that the crew needs to go

88

00:08:19,589 --> 00:08:18,160

through to make sure that there is a

89

00:08:21,110 --> 00:08:19,599

good seal

90

00:08:23,029 --> 00:08:21,120

they will take a look inside to make

91

00:08:24,950 --> 00:08:23,039

sure that the actual environment inside

92

00:08:27,029 --> 00:08:24,960

is a free of debris or anything that may

93

00:08:30,469 --> 00:08:27,039

have floated up during the trip up into

94

00:08:34,230 --> 00:08:32,310

this is mission control houston the team

95

00:08:37,110 --> 00:08:34,240

here in houston continuing to plan ahead

96

00:08:39,190 --> 00:08:37,120

for the next tasks they will get the

97

00:08:41,909 --> 00:08:39,200

crew set up and ready to release the arm

98

00:08:43,509 --> 00:08:41,919

from the htv itself they have confirmed

99

00:08:44,550 --> 00:08:43,519

that there is a good second stage

100

00:08:46,870 --> 00:08:44,560

capture

101

00:08:48,550 --> 00:08:46,880

all of the 16 bolts that are holding htv

102

00:08:50,070 --> 00:08:48,560

to the international space station look

103

00:08:53,670 --> 00:08:50,080

to be in good shape

104

00:08:56,470 --> 00:08:53,680

see the official birthing time is 8 51

105

00:08:59,910 --> 00:08:56,480

a.m central time about three minutes ago