



1
00:00:05,110 --> 00:00:03,590
here is a look at the dragon capsule

2
00:00:08,230 --> 00:00:05,120
making its way towards the international

3
00:00:09,830 --> 00:00:08,240
space station 150 meters away now

4
00:00:11,350 --> 00:00:09,840
station and uh

5
00:00:14,310 --> 00:00:11,360
dragon are

6
00:00:16,710 --> 00:00:14,320
260 miles above mongolia at the moment

7
00:00:20,870 --> 00:00:16,720
and heading uh north east towards the

8
00:00:24,550 --> 00:00:23,269
and again that dragon just 150 meters

9
00:00:27,349 --> 00:00:24,560
away from the space station now it's

10
00:00:32,310 --> 00:00:27,359
scheduled to be within 100

11
00:00:36,630 --> 00:00:33,670
from there the teams here on the ground

12
00:00:38,229 --> 00:00:36,640
will take a go no-go pole to determine

13
00:00:39,590 --> 00:00:38,239

if it has uh

14

00:00:42,790 --> 00:00:39,600

if it is uh

15

00:00:45,910 --> 00:00:42,800

safe to move within 100 feet and

16

00:00:47,750 --> 00:00:45,920

assuming that is as expected crew there

17

00:00:50,630 --> 00:00:47,760

inside the cupola of the space station

18

00:00:52,229 --> 00:00:50,640

monitoring the dragon's approach

19

00:00:56,950 --> 00:00:52,239

assuming everything does continue to go

20

00:01:03,349 --> 00:00:59,990

dragon will get the go ahead to depart

21

00:01:06,310 --> 00:01:03,359

from that uh 100

22

00:01:10,070 --> 00:01:06,320

foot or 30 meter

23

00:01:10,080 --> 00:01:13,910

5 39 a.m central time

24

00:01:17,910 --> 00:01:15,830

continuing to see a good view of dragon

25

00:01:20,230 --> 00:01:17,920

here as the space station and dragon

26

00:01:21,670 --> 00:01:20,240

move into the dark portion of this orbit

27

00:01:25,350 --> 00:01:21,680

around the earth they're just coming up

28

00:01:30,550 --> 00:01:27,830

this orbit uh

29

00:01:32,469 --> 00:01:30,560

dragon now about 75 meters away from the

30

00:01:35,990 --> 00:01:32,479

space station

31

00:01:39,910 --> 00:01:37,910

and continuing to move into that 30

32

00:01:41,590 --> 00:01:39,920

meter point where there will be a hold

33

00:01:44,230 --> 00:01:41,600

while the team on the ground assess the

34

00:01:46,230 --> 00:01:44,240

situation and make sure everything looks

35

00:01:49,270 --> 00:01:46,240

safe to go ahead and move in

36

00:01:51,910 --> 00:01:49,280

closer for the capture scheduled at 6 14

37

00:01:55,830 --> 00:01:54,069

houston we see the vehicle mode and

38

00:01:58,310 --> 00:01:55,840

approach primary secondary range both

39

00:01:59,350 --> 00:01:58,320

about 28 and a half meters

40

00:02:00,630 --> 00:01:59,360

and uh

41

00:02:02,230 --> 00:02:00,640

the um

42

00:02:03,990 --> 00:02:02,240

the white strobe is well within the crew

43

00:02:05,910 --> 00:02:04,000

board corridors on both displays the

44

00:02:08,869 --> 00:02:05,920

vehicle size is pretty much the same as

45

00:02:11,029 --> 00:02:08,879

the vehicle outline the white strobe

46

00:02:12,869 --> 00:02:11,039

position relative to the white stroke or

47

00:02:14,630 --> 00:02:12,879

the strobe tracker and camera three the

48

00:02:17,030 --> 00:02:14,640

white strobe is

49

00:02:20,390 --> 00:02:17,040

half in

50

00:02:21,589 --> 00:02:20,400

quartz i'm sorry forward and port

51
00:02:24,070 --> 00:02:21,599
tractor

52
00:02:26,550 --> 00:02:24,080
and on the camera nine

53
00:02:27,990 --> 00:02:26,560
it looks like the white strobe is inside

54
00:02:31,589 --> 00:02:28,000
or right on the edge of the strobe

55
00:02:35,430 --> 00:02:33,670
copy that good words and by the way guys

56
00:02:41,430 --> 00:02:35,440
we have the camera view of you and you

57
00:02:41,440 --> 00:02:49,190
okay koichi says thank you

58
00:02:54,869 --> 00:02:51,670
space station and dragon are about 260

59
00:02:56,790 --> 00:02:54,879
miles above the south atlantic ocean now

60
00:02:59,350 --> 00:02:56,800
having just passed over

61
00:03:02,149 --> 00:02:59,360
southern tips of chile and argentina and

62
00:03:03,910 --> 00:03:02,159
moving in as you can see to the

63
00:03:07,589 --> 00:03:03,920

daytime portion of this orbit around the

64

00:03:11,350 --> 00:03:08,630

about

65

00:03:13,750 --> 00:03:11,360

11 minutes away now from the dragon's

66

00:03:16,309 --> 00:03:13,760

arrival at the capture point

67

00:03:19,030 --> 00:03:16,319

and a little less than 30 minutes away

68

00:03:20,949 --> 00:03:19,040

from its actual capture by uh

69

00:03:27,270 --> 00:03:20,959

station commander koichi wakata using

70

00:03:30,550 --> 00:03:28,630

rick mastracchio they're reporting on

71

00:03:33,030 --> 00:03:30,560

what the crew seeing in their window and

72

00:03:35,750 --> 00:03:33,040

at their displays

73

00:03:39,270 --> 00:03:35,760

which they have been monitoring uh as

74

00:03:41,190 --> 00:03:39,280

the dragon approached the space station

75

00:03:43,509 --> 00:03:41,200

again preparing to use the station's

76
00:03:45,430 --> 00:03:43,519
robotic arm to reach out and capture it

77
00:03:47,110 --> 00:03:45,440
on the grapple hold which you can now

78
00:03:56,949 --> 00:03:47,120
see in this view

79
00:04:03,750 --> 00:03:59,509
commander koichi wakata slowly moving

80
00:04:03,760 --> 00:04:09,190
into place for the capture of the dragon

81
00:04:13,429 --> 00:04:11,589
it's about four meters away or 13 feet

82
00:04:17,670 --> 00:04:13,439
from the

83
00:04:17,680 --> 00:04:29,749
grab hold of for the capture

84
00:04:33,909 --> 00:04:31,510
just one meter now left to go about

85
00:04:36,629 --> 00:04:33,919
three feet before the

86
00:05:35,590 --> 00:04:36,639
space station's canadarm2 is able to

87
00:05:38,710 --> 00:05:37,350
and the

88
00:05:40,629 --> 00:05:38,720

arm 2

89

00:05:43,270 --> 00:05:40,639

with commander koichi we caught at the

90

00:05:44,390 --> 00:05:43,280

controls now has the space x3 in its

91

00:05:46,710 --> 00:05:44,400

grip

92

00:05:47,749 --> 00:05:46,720

took place right on time at 6 14 a.m

93

00:05:49,990 --> 00:05:47,759

central

94

00:05:52,390 --> 00:05:50,000

while the station and dragon were 260

95

00:05:58,550 --> 00:05:52,400

miles

96

00:06:04,390 --> 00:06:01,270

to spacex dragon 3 coverage we're back

97

00:06:06,870 --> 00:06:04,400

for the birthing of the spacex dragon to

98

00:06:08,550 --> 00:06:06,880

the earth-facing port on the station's

99

00:06:10,550 --> 00:06:08,560

harmony node

100

00:06:12,230 --> 00:06:10,560

a little earlier than scheduled because

101

00:06:14,950 --> 00:06:12,240

the team here on the ground that is

102

00:06:16,790 --> 00:06:14,960

controlling the movement of the

103

00:06:19,350 --> 00:06:16,800

dragon to the international space

104

00:06:20,629 --> 00:06:19,360

station is running a little ahead of

105

00:06:22,550 --> 00:06:20,639

schedule and

106

00:06:23,510 --> 00:06:22,560

expect to see it actually birth to the

107

00:06:30,390 --> 00:06:23,520

station

108

00:06:35,029 --> 00:06:32,629

once the dragon is birthed to the space

109

00:06:36,790 --> 00:06:35,039

station the crew will

110

00:06:38,950 --> 00:06:36,800

continue making preparations for the

111

00:06:53,189 --> 00:06:38,960

actual opening of the dragon which won't

112

00:06:56,870 --> 00:06:54,870

continuing to see views here from the

113

00:06:58,469 --> 00:06:56,880

cameras on board the

114

00:07:00,710 --> 00:06:58,479

space station of

115

00:07:02,870 --> 00:07:00,720

the dragon

116

00:07:06,790 --> 00:07:02,880

held in place by the station's canada

117

00:07:09,749 --> 00:07:06,800

arm 2. the station and dragon are 216

118

00:07:12,309 --> 00:07:09,759

miles above the north pacific ocean

119

00:07:15,430 --> 00:07:12,319

and just crossed over japan a few

120

00:07:19,990 --> 00:07:15,440

minutes ago and are heading

121

00:07:23,430 --> 00:07:21,749

though it's difficult to make out the

122

00:07:25,670 --> 00:07:23,440

dragon

123

00:07:26,550 --> 00:07:25,680

continuing on in its movement towards

124

00:07:34,950 --> 00:07:26,560

the

125

00:07:37,990 --> 00:07:34,960

moving it into this initial alignment

126
00:07:43,110 --> 00:07:38,000
position brings it within about two feet

127
00:07:47,430 --> 00:07:45,350
you can see here the gap between the

128
00:07:50,950 --> 00:07:47,440
station and the dragon

129
00:07:56,790 --> 00:07:50,960
capsule incrementally closing as the

130
00:08:00,710 --> 00:07:59,189
initial alignment position once it's

131
00:08:02,790 --> 00:08:00,720
there the team here on the ground will

132
00:08:05,749 --> 00:08:02,800
do some uh verifications and make sure

133
00:08:08,309 --> 00:08:05,759
everything is still

134
00:08:14,710 --> 00:08:08,319
aligned correctly and ready to go before

135
00:08:18,629 --> 00:08:16,950
on the other side of the hatch

136
00:08:23,670 --> 00:08:18,639
the

137
00:08:26,869 --> 00:08:25,589
actually

138
00:08:27,749 --> 00:08:26,879

command

139

00:08:32,870 --> 00:08:27,759

the

140

00:08:34,550 --> 00:08:32,880

dragon into place once it is

141

00:08:36,630 --> 00:08:34,560

birthed to the

142

00:08:39,110 --> 00:08:36,640

earth-facing port of the harmony node

143

00:08:41,029 --> 00:08:39,120

there are 16 bolts that will be driven

144

00:08:46,470 --> 00:08:41,039

to

145

00:08:52,389 --> 00:08:48,470

and flight engineer rick mastracchio is

146

00:08:56,310 --> 00:08:54,230

see him here at the robotic workstation

147

00:09:04,710 --> 00:08:56,320

inside the destiny laboratory at the

148

00:09:11,670 --> 00:09:06,230

team here on the grounds continuing to

149

00:09:16,790 --> 00:09:13,750

port of the harmony node

150

00:09:21,670 --> 00:09:18,310

station and

151
00:09:26,310 --> 00:09:23,910
miles above the southern ocean and as

152
00:09:27,829 --> 00:09:26,320
you can see just about to reach sunrise

153
00:09:29,910 --> 00:09:27,839
for this orbit around the earth and move

154
00:09:43,190 --> 00:09:29,920
into the daytime

155
00:09:49,269 --> 00:09:45,829
houston station on two step three just

156
00:09:51,190 --> 00:09:49,279
verifying stable attitude control config

157
00:09:54,710 --> 00:09:51,200
and confirm that the russian sensors are

158
00:10:06,550 --> 00:09:59,829
and swanny that is confirmed go for four

159
00:10:12,550 --> 00:10:08,949
once again after launching on friday at

160
00:10:15,670 --> 00:10:12,560
2 25 pm central time on board falcon 9

161
00:10:18,870 --> 00:10:15,680
the spacex dragon 3 has now arrived at

162
00:10:21,030 --> 00:10:18,880
the space station and is officially