



1  
00:00:00,500 --> 00:00:26,040  
[ Silence ]

2  
00:00:26,040 --> 00:00:27,830  
>> This is a vehicle officer  
here in Mission Control,

3  
00:00:27,830 --> 00:00:30,580  
Houston confirming  
Dragon spacecraft

4  
00:00:30,580 --> 00:00:35,170  
at its 30 meter hold point,  
3:58 a.m. Central Time.

5  
00:00:36,250 --> 00:00:41,110  
Dragon will now hold here while  
the teams conduct a review

6  
00:00:41,110 --> 00:00:42,250  
of all of its systems  
[background conversation]

7  
00:00:42,250 --> 00:00:44,690  
and then complete a go, no go.

8  
00:00:44,690 --> 00:00:45,840  
>> At 30 meters.

9  
00:00:45,840 --> 00:00:50,110  
You can perform step four  
in 1.102 Dragon approach

10  
00:00:50,110 --> 00:00:51,510  
and return monitoring.

11  
00:00:51,510 --> 00:01:02,130  
[ Silence ]

12

00:01:02,130 --> 00:01:05,550

>> Spacecraft well, and if you  
there you can see the grapple

13

00:01:05,550 --> 00:01:08,930

fixture on the Dragon  
spacecraft there in view now

14

00:01:08,930 --> 00:01:10,550

where the Canada Arm two  
[assumed spelling] will reach

15

00:01:10,550 --> 00:01:13,670

out and connect with  
the Dragon spacecraft.

16

00:01:13,670 --> 00:01:15,840

Following that successful  
grapple,

17

00:01:15,840 --> 00:01:18,190

control of the Canada  
Arm will be handed off

18

00:01:18,190 --> 00:01:19,030

from our astronauts.

19

00:01:19,030 --> 00:01:22,270

Down at the teams here in  
Houston will then maneuver

20

00:01:22,270 --> 00:01:25,850

and rotate the Dragon around  
in order to install it

21

00:01:25,850 --> 00:01:30,510

on the bottom side of the  
space station's Harmony module.

22

00:01:30,510 --> 00:01:43,040  
[ Silence ]

23

00:01:43,040 --> 00:01:45,270  
>> Station Houston on  
space to ground one.

24

00:01:45,270 --> 00:01:47,150  
You are go for the  
capture sequence.

25

00:01:47,150 --> 00:01:50,760  
You can perform step four 1.110

26

00:01:50,760 --> 00:01:53,680  
and begin monitoring  
the back away cue card.

27

00:01:57,010 --> 00:01:57,550  
>> We copy.

28

00:01:57,550 --> 00:01:58,210  
We have a go.

29

00:01:58,210 --> 00:02:00,310  
We're in step four and we  
have the back away cue card.

30

00:02:00,310 --> 00:02:01,510  
>> Good read back.

31

00:02:01,510 --> 00:02:15,040  
[ Silence ]

32

00:02:15,040 --> 00:02:16,450  
>> And the robo here down  
in Houston confirming

33

00:02:16,450 --> 00:02:17,770

that robotic arm in motion.

34

00:02:17,770 --> 00:02:20,160

You can see it as it  
continues to close

35

00:02:20,160 --> 00:02:24,870

in on its capture point located  
there on the Dragon spacecraft.

36

00:02:24,870 --> 00:02:27,390

Tom Marshburn and Kevin Ford  
inside the cupola controlling

37

00:02:27,390 --> 00:02:28,480

this arm.

38

00:02:28,480 --> 00:02:31,510

Reaching out for  
grapple with the Dragon.

39

00:02:31,510 --> 00:02:45,280

[ Silence ]

40

00:02:45,280 --> 00:02:48,510

>> Robotic arm just one meter  
out now from capturing Dragon.

41

00:02:48,510 --> 00:03:24,120

[ Silence ]

42

00:03:24,120 --> 00:03:27,390

>> And capture is confirmed  
of this Dragon spacecraft.

43

00:03:27,390 --> 00:03:31,020

The capture time 4:31  
a.m. Central Time.

44

00:03:31,020 --> 00:03:33,560

While the Dragon and the  
International Space Station are

45

00:03:33,560 --> 00:03:37,510

flying just over Northern  
Ukraine about 243 statute miles.

46

00:03:37,510 --> 00:04:42,040

[ Silence ]

47

00:04:42,040 --> 00:04:44,520

>> While the arm  
slowly maneuvers Dragon

48

00:04:44,520 --> 00:04:47,300

in a little bit closer,  
the robo --

49

00:04:47,300 --> 00:04:50,020

the robotics officer down  
here in Mission Control,

50

00:04:50,020 --> 00:04:54,510

Houston continuing to do any  
necessary alignment adjustments.

51

00:04:54,510 --> 00:05:22,480

[ Silence ]

52

00:05:22,480 --> 00:05:23,850

>> Flight controllers  
here in Mission Control,

53

00:05:23,850 --> 00:05:26,670

Houston confirming that first  
stage capture being done

54

00:05:26,670 --> 00:05:33,520

successfully, so that first

stage again 7:44 a.m. Central

55

00:05:33,520 --> 00:05:37,420

Time, that just the first  
step in this berthing process,

56

00:05:37,420 --> 00:05:39,750

this final step of  
the berthing process.

57

00:05:39,750 --> 00:05:42,050

>> To CBM, step four  
is complete.

58

00:05:42,050 --> 00:05:42,890

You're go ahead to  
take [inaudible].