



1
00:00:06,630 --> 00:00:03,990
so again you're watching the onboard

2
00:00:09,190 --> 00:00:06,640
camera of this progress 47 spacecraft as

3
00:00:12,070 --> 00:00:09,200
it is on final approach just about to

4
00:00:19,910 --> 00:00:12,080
cross 100 meters

5
00:00:36,150 --> 00:00:20,870
a red

6
00:00:40,950 --> 00:00:39,430
the range is about 90 and

7
00:00:41,910 --> 00:00:40,960
i can see that the crosshairs are

8
00:00:49,670 --> 00:00:41,920
aligned

9
00:00:52,709 --> 00:00:51,189
the visiting vehicle officer here in

10
00:00:54,950 --> 00:00:52,719
mission control houston confirming that

11
00:00:57,110 --> 00:00:54,960
the coors rendezvous system antenna has

12
00:00:59,110 --> 00:00:57,120
been retracted computers on board the

13
00:01:00,950 --> 00:00:59,120

progress now taking over for the final

14

00:01:02,150 --> 00:01:00,960

stages of this approach

15

00:01:06,789 --> 00:01:02,160

approaching

16

00:01:23,109 --> 00:01:09,510

standing by for mcc go to activate

17

00:01:28,950 --> 00:01:26,710

are aligned and the target is within the

18

00:01:53,109 --> 00:01:28,960

one degree of the center

19

00:01:57,670 --> 00:01:55,350

s6

20

00:02:00,550 --> 00:01:57,680

antenna retracted

21

00:02:03,109 --> 00:02:00,560

messages received and buzz

22

00:02:04,310 --> 00:02:03,119

messages received

23

00:02:05,910 --> 00:02:04,320

copy

24

00:02:08,469 --> 00:02:05,920

the crosshairs are aligned and the

25

00:02:11,990 --> 00:02:08,479

target is

26

00:02:16,869 --> 00:02:12,000

a little to the left and to the bottom

27

00:02:20,830 --> 00:02:19,430

range of the center of wicca

28

00:02:23,830 --> 00:02:20,840

everything is

29

00:02:27,190 --> 00:02:23,840

nominal okay and you will feel a little

30

00:02:32,790 --> 00:02:29,110

copy the target is at the

31

00:02:37,430 --> 00:02:34,790

and now it's

32

00:02:38,869 --> 00:02:37,440

going up and to the right the range is

33

00:02:48,070 --> 00:02:38,879

about four

34

00:02:52,630 --> 00:02:49,910

again just moments away now from the

35

00:02:54,390 --> 00:02:52,640

docking of this progress 47 spacecraft

36

00:02:57,110 --> 00:02:54,400

to the piers docking compartment which

37

00:02:59,030 --> 00:02:57,120

is just above uh our view

38

00:03:00,869 --> 00:02:59,040

field of view right now you can see the

39

00:03:05,030 --> 00:03:00,879

crosshair lining up there

40

00:03:10,229 --> 00:03:05,040

they bring it in for this final approach

41

00:03:29,030 --> 00:03:12,149

crosshairs are aligned

42

00:03:29,040 --> 00:03:38,070

a little bit of a roll

43

00:03:38,080 --> 00:03:46,550

approaching three meters

44

00:03:50,470 --> 00:03:48,710

and flight controllers now standing by

45

00:03:52,070 --> 00:03:50,480

for contact and capture

46

00:03:54,710 --> 00:03:52,080

as this progress spacecraft is just

47

00:03:58,229 --> 00:03:54,720

moments away from docking

48

00:04:02,229 --> 00:04:00,229

of the center and the crosshairs are

49

00:04:03,670 --> 00:04:02,239

aligned

50

00:04:05,190 --> 00:04:03,680

three meters

51

00:04:07,110 --> 00:04:05,200

everything's nominal

52

00:04:08,710 --> 00:04:07,120

copy

53

00:04:11,190 --> 00:04:08,720

and uh

54

00:04:12,869 --> 00:04:11,200

the little bit of a roll still

55

00:04:24,870 --> 00:04:12,879

there

56

00:04:30,150 --> 00:04:27,110

the target is at the center

57

00:04:31,189 --> 00:04:30,160

here is aligned copy

58

00:04:42,070 --> 00:04:31,199

contact

59

00:04:44,310 --> 00:04:42,080

at 9 39 a.m central time

60

00:04:46,870 --> 00:04:44,320

how is the calm quality do you want to

61

00:04:48,870 --> 00:04:46,880

switch to space to ground one yes let's

62

00:04:51,030 --> 00:04:48,880

do that the two spacecraft docked while

63

00:04:52,990 --> 00:04:51,040

flying just over northern china

64

00:04:55,430 --> 00:04:53,000

just south of the mongolian border about