

Ф44 СБЛИЖЕНИЕ  
ПРИЧАЛ ПРИЧАЛ

Б1

ДУС 12 1

Р 163,5 ССВП ГТ

С1 76601

T=19:16:10

ЛСК ГСО 1234

ЗА АР ВХ 0,079%

ВУ -0,052%

ВЗ -0,070%

КУРС 1

γ 0,33°

β -0,56°

α -0,58°

δπ -0,16°

επ -0,10°

ρ 0,012

ρ -0,11

φ 0,014кН ДУ -0,034 -0,025

ψ 0,11Н/С ВЗ 0,051 0,055

А0 ОТВЕДЕНА

1  
00:00:05,430 --> 00:00:02,869  
you can see the subtle corrections being

2  
00:00:07,190 --> 00:00:05,440  
made to place the docking target

3  
00:00:09,750 --> 00:00:07,200  
in the center of the crosshairs of this

4  
00:00:23,830 --> 00:00:09,760  
engineering camera view the pitch and

5  
00:00:27,429 --> 00:00:25,189  
i am

6  
00:00:29,029 --> 00:00:27,439  
reporting at this time that the

7  
00:00:32,069 --> 00:00:29,039  
crosshairs look good

8  
00:00:37,030 --> 00:00:32,079  
okay copy all we see is just a faint

9  
00:00:37,040 --> 00:00:42,950  
okay i see

10  
00:00:47,350 --> 00:00:45,190  
just about 33 meters now separating the

11  
00:00:49,750 --> 00:00:47,360  
two spacecraft

12  
00:00:51,830 --> 00:00:50,709  
um

13  
00:00:56,790 --> 00:00:51,840

pitch wise

14

00:01:00,869 --> 00:00:59,029  
everything looks good the cross

15

00:01:06,710 --> 00:01:00,879  
they cross the lines okay now we're

16

00:01:06,720 --> 00:01:23,590  
understood

17

00:01:30,710 --> 00:01:26,630  
the target is moving

18

00:01:38,550 --> 00:01:33,190  
my visual estimation is about 20

19

00:01:38,560 --> 00:01:43,109  
let's go

20

00:01:48,469 --> 00:01:45,590  
again i want to confirm is about point

21

00:01:50,870 --> 00:01:48,479  
one five okay we copy

22

00:01:52,870 --> 00:01:50,880  
alexander schwarzoff confirming the

23

00:01:56,310 --> 00:01:52,880  
proper approach rate of about one tenth

24

00:01:58,230 --> 00:01:56,320  
of a meter per second for progress

25

00:01:59,990 --> 00:01:58,240  
just about 20 meters separating the two

26

00:02:02,709 --> 00:02:00,000

spacecraft

27

00:02:05,670 --> 00:02:02,719

it is practical in the center the range

28

00:02:07,749 --> 00:02:05,680

is about 80 meters which is one block

29

00:02:08,990 --> 00:02:07,759

and i want to confirm the rate that it's

30

00:02:28,790 --> 00:02:09,000

still at

31

00:02:36,309 --> 00:02:32,070

the range is about 12 or 13 meters we

32

00:02:39,270 --> 00:02:37,750

pretty much in the center everything

33

00:03:02,229 --> 00:02:39,280

looks good here

34

00:03:08,229 --> 00:03:03,910

and

35

00:03:18,550 --> 00:03:08,239

distances within the normal parameters

36

00:03:24,949 --> 00:03:20,710

please report the size of the the

37

00:03:32,070 --> 00:03:27,990

at this time it's about 1.8

38

00:03:36,550 --> 00:03:34,470

we are approaching the

39

00:03:38,390 --> 00:03:36,560

two block size yes that is correct i

40

00:03:39,509 --> 00:03:38,400

guess approximately seven to eight

41

00:03:43,670 --> 00:03:39,519

meters

42

00:03:48,550 --> 00:03:45,670

progress now approaching the five meter

43

00:03:52,949 --> 00:03:48,560

mark standing by for contact and capture

44

00:03:57,589 --> 00:03:55,429

everything aligns perfectly and we are

45

00:04:07,589 --> 00:03:57,599

approaching the center

46

00:04:15,910 --> 00:04:10,229

so that's about five meters okay copy

47

00:04:18,550 --> 00:04:17,590

the rate is about

48

00:04:34,790 --> 00:04:18,560

point

49

00:04:38,230 --> 00:04:37,110

expecting the mechanical contact

50

00:04:57,909 --> 00:04:38,240

confirmed

51

00:05:00,310 --> 00:04:57,919

the four corner border of russia

52

00:05:08,550 --> 00:05:00,320

kazakhstan china and mongolia at an

53

00:05:13,430 --> 00:05:10,710

the belated arrival of the progress 38

54

00:05:15,029 --> 00:05:13,440

cargo ship executed perfectly flawlessly

55

00:05:21,990 --> 00:05:15,039

by the core's automated rendezvous

56

00:05:25,670 --> 00:05:23,670

and the docking probe now beginning to

57

00:05:27,430 --> 00:05:25,680

retract on the progress that will form a