

ФА 4 СБЛИЖЕНИЕ Т = 18:47:08
 ПРИЧАЛ ПРИЧАЛ ЛСК ГСО 1234
 Б 1 2 БАЗА АР ШХ 0.611
 ДУС 123 1 ШУ - 0.174
 133.3 ССВП ГТ ШЗ 0.087
 76601 ВКЛ ДПО КУРС 1
 2.90
 0.40
 0.04
 +У ШП - 0.0
 0П - 1.1
 р 0.010
 р̇ - 0.13
 0.045 - 0.129
 0.263 0.224
 ИН: ЕСТЬ ССВП ГТ

22 КМ
 0.01 С

1
00:00:14,080 --> 00:00:29,509
go ahead

2
00:00:41,510 --> 00:00:32,790
of course data is 43 meters

3
00:00:41,520 --> 00:00:56,709
i'm that is

4
00:01:00,950 --> 00:00:59,189
we'll be passing within solid range of

5
00:01:01,910 --> 00:01:00,960
russian ground stations just a moment

6
00:01:03,750 --> 00:01:01,920
from now

7
00:01:06,789 --> 00:01:03,760
the core's automated rendezvous antenna

8
00:01:08,710 --> 00:01:06,799
has retracted on the soyuz tma-03m

9
00:01:10,950 --> 00:01:08,720
now less than 40 meters away from

10
00:01:12,550 --> 00:01:10,960
docking to the rassvet module closing at

11
00:01:26,469 --> 00:01:12,560
a rate of one-tenth of a meter per

12
00:01:30,390 --> 00:01:28,149
both the soyuz and the international

13
00:01:34,149 --> 00:01:30,400

space station flying over the border

14

00:01:36,950 --> 00:01:34,159

between romania and the ukraine

15

00:01:38,710 --> 00:01:36,960

soon to make a pass

16

00:01:49,910 --> 00:01:38,720

over eastern europe

17

00:01:49,920 --> 00:02:02,069

25 meters

18

00:02:06,709 --> 00:02:04,230

this television from the soyuz now over

19

00:02:48,830 --> 00:02:06,719

russian ground stations

20

00:02:52,309 --> 00:02:50,390

range

21

00:02:53,509 --> 00:02:52,319

so you is now 21 meters away from

22

00:02:55,509 --> 00:02:53,519

docking

23

00:02:58,070 --> 00:02:55,519

the coors automated rendezvous system

24

00:03:00,070 --> 00:02:58,080

honing in on the docking target just to

25

00:03:03,270 --> 00:03:00,080

the lower portion of the circular

26
00:03:04,550 --> 00:03:03,280
docking port on the rossignol module

27
00:03:06,630 --> 00:03:04,560
closing at a rate of one tenth of a

28
00:03:08,309 --> 00:03:06,640
meter per second all the systems are

29
00:03:10,229 --> 00:03:08,319
functioning normally

30
00:03:12,550 --> 00:03:10,239
no issues associated so far with the

31
00:03:14,630 --> 00:03:12,560
final approach by ali kononenko andre

32
00:03:22,470 --> 00:03:14,640
kuipers and don pettit for their new

33
00:03:29,430 --> 00:03:25,270
the range is about 15 meters

34
00:03:29,440 --> 00:03:43,509
the range rate is 0 1

35
00:03:43,519 --> 00:03:50,550
we have a slight

36
00:03:57,190 --> 00:03:54,229
the target is in the center

37
00:04:08,949 --> 00:03:57,200
range rate is 0 1 1 range

38
00:04:26,310 --> 00:04:10,390

the target

39

00:04:31,909 --> 00:04:29,110

is about three meters

40

00:04:34,469 --> 00:04:31,919

we're expressing concept

41

00:04:36,550 --> 00:04:34,479

you can see the uh crosshair camera as

42

00:04:38,230 --> 00:04:36,560

the core system brings

43

00:04:39,749 --> 00:04:38,240

the docking probe into alignment with

44

00:04:42,310 --> 00:04:39,759

the docking target

45

00:04:44,150 --> 00:04:42,320

now just seven meters away from docking

46

00:04:48,550 --> 00:04:44,160

standing by for contact and capture of

47

00:04:48,560 --> 00:04:52,550

zero one one range rate

48

00:04:52,560 --> 00:05:07,830

the target is in the center zero

49

00:05:10,550 --> 00:05:08,830

at 9

50

00:05:14,150 --> 00:05:10,560

19.

51
00:05:16,070 --> 00:05:14,160
a.m central time over southern russia

52
00:05:18,390 --> 00:05:16,080
docking confirmed

53
00:05:19,830 --> 00:05:18,400
the soyuz slides down the chimney at the

54
00:05:21,110 --> 00:05:19,840
international space station with an

55
00:05:23,430 --> 00:05:21,120
early christmas present for the

56
00:05:28,390 --> 00:05:23,440
expedition 30 crew a return to a

57
00:05:28,400 --> 00:05:31,270
okay what would you do

58
00:05:31,280 --> 00:05:35,670
draco tank pressure

59
00:05:35,680 --> 00:05:45,990
section one one

60
00:05:49,510 --> 00:05:47,510
the visiting vehicle officer at mission

61
00:05:52,310 --> 00:05:49,520
control in houston reports that the

62
00:05:54,310 --> 00:05:52,320
docking probe has begun to retract

63
00:05:56,790 --> 00:05:54,320

a flawless approach and docking for ali

64

00:05:59,590 --> 00:05:56,800

kononenko andre kuipers and don pettit

65

00:06:01,189 --> 00:05:59,600

docking occurring again at 9 19 a.m

66

00:06:03,670 --> 00:06:01,199

central time