
Ф44 СБЛИЖЕНИЕ
Т = 15:28:30
ЛСК ГСО 1234
БАЗА АР
Б12
ДУС 1 3 1
ССВП ГТ
СТ 76601
ωX 0.043
ωY -0.078
ωZ -0.096
КУРС 1
γ 0.37
ψ -0.61
θ -0.49
ψП 0.29
θП 0.30
ρ 0.007
ρ̇ -0.12
ΩY 0.002 0.006
ΩZ -0.074 -0.070
ИН: ЕСТЬ ССВП ГТ

1
00:00:07,990 --> 00:00:05,749
and our first view from cameras on the

2
00:00:10,790 --> 00:00:08,000
international space station of the soyuz

3
00:00:12,230 --> 00:00:10,800
as it continues what so far has been a

4
00:00:15,030 --> 00:00:12,240
flawless approach

5
00:00:18,390 --> 00:00:15,040
for docking to the poisk module the two

6
00:00:20,550 --> 00:00:18,400
spacecraft traveling 254 statute miles

7
00:00:22,710 --> 00:00:20,560
just off the northeast coast of south

8
00:00:25,589 --> 00:00:22,720
america moving from southwest to

9
00:00:35,910 --> 00:00:25,599
northeast in an orbit inclined 51.6

10
00:00:39,910 --> 00:00:37,750
at the bottom of your screen you're

11
00:00:41,430 --> 00:00:39,920
looking at the zarya module the first

12
00:00:43,030 --> 00:00:41,440
component the first element of the

13
00:00:46,549 --> 00:00:43,040

international space station that was

14
00:00:48,150 --> 00:00:46,559
launched on november 20th 1998 atop a

15
00:00:51,110 --> 00:00:48,160
proton rocket from the baikonur

16
00:00:52,310 --> 00:00:51,120
cosmodrome its solar rays folded like an

17
00:00:55,110 --> 00:00:52,320
accordion

18
00:00:56,869 --> 00:00:55,120
never to be used again the zarya drawing

19
00:00:58,549 --> 00:00:56,879
power not only from the russian segment

20
00:01:00,549 --> 00:00:58,559
through the solar rays on the zvezda

21
00:01:01,990 --> 00:01:00,559
service module but also from the us

22
00:01:07,590 --> 00:01:02,000
segment of the international space

23
00:01:07,600 --> 00:01:12,149
we can see the docking assembly clearly

24
00:01:16,789 --> 00:01:14,789
malenchenko in the zvezda service module

25
00:01:18,070 --> 00:01:16,799
offering a quick reading to

26
00:01:20,230 --> 00:01:18,080
novitskiy

27
00:01:22,149 --> 00:01:20,240
uh indicating that everything looks

28
00:01:24,230 --> 00:01:22,159
normal from their perspective inside the

29
00:01:32,630 --> 00:01:24,240
international space station the two

30
00:01:48,389 --> 00:01:36,550
and 0.6 range range rate

31
00:02:03,670 --> 00:01:51,350
the target is stable and the crosshairs

32
00:02:06,709 --> 00:02:05,350
the soyuz and the international space

33
00:02:09,350 --> 00:02:06,719
station flying just to the north of

34
00:02:12,390 --> 00:02:09,360
bucharest the capital of romania at an

35
00:02:15,350 --> 00:02:12,400
altitude of 254 statute miles

36
00:02:19,270 --> 00:02:15,360
10 meters separating the two spacecraft

37
00:02:21,350 --> 00:02:19,280
the target is low by a half degree

38
00:02:22,470 --> 00:02:21,360

the crosshairs are aligned

39
00:02:28,470 --> 00:02:22,480
range

40
00:02:28,480 --> 00:02:43,270
copy seven meters

41
00:02:52,790 --> 00:02:46,070
the target is aligned and the crosshairs

42
00:02:59,190 --> 00:02:54,869
just four meters away standing by for

43
00:02:59,200 --> 00:03:05,030
range is approximately four

44
00:03:15,750 --> 00:03:06,710
the target is at the center the

45
00:03:15,760 --> 00:03:19,190
how's your day

46
00:03:24,550 --> 00:03:22,070
the target is at the center we are

47
00:03:28,309 --> 00:03:24,560
expecting uh

48
00:03:34,550 --> 00:03:30,309
docking confirmed contact and capture

49
00:03:37,990 --> 00:03:34,560
confirmed at 7 29 a.m central time 4 29

50
00:03:39,670 --> 00:03:38,000
pm moscow time over the southern ukraine

51
00:03:54,070 --> 00:03:39,680
three new residents have arrived at the

52
00:03:59,990 --> 00:03:57,670
the international space station and

53
00:04:02,070 --> 00:04:00,000
flight controllers in both houston and

54
00:04:04,630 --> 00:04:02,080
karl yaff have put the station in free

55
00:04:06,309 --> 00:04:04,640
drift disabling any thruster activity to

56
00:04:08,390 --> 00:04:06,319
enable relative motion between the two

57
00:04:10,149 --> 00:04:08,400
spacecraft to dampen out for the

58
00:04:11,830 --> 00:04:10,159
initiation of the closing of hooks on

59
00:04:14,149 --> 00:04:11,840
both sides of the docking interface

60
00:04:17,030 --> 00:04:14,159
again a flawless approach of flawless

61
00:04:19,430 --> 00:04:17,040
docking for the soyuz tma-06m

62
00:04:20,629 --> 00:04:19,440
kevin ford oleg novitskiy evgeny

63
00:04:22,790 --> 00:04:20,639

tarelkin have arrived at the

64
00:04:26,950 --> 00:04:22,800
international space station docking