

Ф44 СБЛИЖЕНИЕ

Т-02 38:08

ЗАПР СБ

ОСК ГСО 12

Б1

А03 3 Х 0.026

ДУС123 1

УТ 0.00 У 0.008

Р 9.9

ФИЛЬТР Z-0.061

СО.00000

РАЗВОРОТ КУРС

У 0.00

Ш 0.00

В 0.00

Г 0.00

Д 0.00

Е 0.000

Ж 0.00

Р 0004 KM

ΩУ - 0.055 0.000

Р 0000 M/C

ΩZ - 0.226 0.000

1
00:00:07,110 --> 00:00:03,350
okay we're receiving the image so the

2
00:00:09,190 --> 00:00:07,120
sslipper mode is complete

3
00:00:10,870 --> 00:00:09,200
team here on the ground confirming that

4
00:00:12,629 --> 00:00:10,880
the soyuz has undocked and you can see

5
00:00:14,950 --> 00:00:12,639
here in the

6
00:00:17,029 --> 00:00:14,960
view being sent down from the soyuz via

7
00:00:18,710 --> 00:00:17,039
russian ground stations moving away now

8
00:00:20,070 --> 00:00:18,720
from the international space station and

9
00:00:23,349 --> 00:00:20,080
that incurred

10
00:00:25,349 --> 00:00:23,359
on time at 6 35 pm central time what

11
00:00:27,349 --> 00:00:25,359
about the satellite is it on

12
00:00:31,990 --> 00:00:27,359
no not yet could you please activate the

13
00:00:42,790 --> 00:00:34,069

yes you you can

14

00:00:47,510 --> 00:00:46,069

we can see you click soyuz tma-08m

15

00:00:50,549 --> 00:00:47,520

carrying

16

00:00:52,630 --> 00:00:50,559

expedition 36 commander pablo vinogradov

17

00:00:54,869 --> 00:00:52,640

and flight engineers alexander misurkin

18

00:00:56,389 --> 00:00:54,879

and chris cassidy has undocked from the

19

00:00:57,270 --> 00:00:56,399

international space station that took

20

00:01:00,069 --> 00:00:57,280

place

21

00:01:02,389 --> 00:01:00,079

as scheduled at 6 35 pm central time

22

00:01:04,390 --> 00:01:02,399

when the station in soyuz are about 258

23

00:01:05,990 --> 00:01:04,400

miles above mongolia

24

00:01:08,469 --> 00:01:06,000

and as you can see it's now slowly

25

00:01:10,070 --> 00:01:08,479

making its way back away from the

26

00:01:11,990 --> 00:01:10,080

international space station

27

00:01:14,149 --> 00:01:12,000

in preparation for the separation burn

28

00:01:15,990 --> 00:01:14,159

that will speed that

29

00:01:18,510 --> 00:01:16,000

that move up a bit

30

00:01:20,550 --> 00:01:18,520

that uh wraps up a

31

00:01:22,550 --> 00:01:20,560

166-day stay

32

00:01:24,149 --> 00:01:22,560

aboard the international space station

33

00:01:25,109 --> 00:01:24,159

for that crew

34

00:01:27,990 --> 00:01:25,119

they

35

00:01:31,590 --> 00:01:28,000

launched to this to the space station on

36

00:01:33,350 --> 00:01:31,600

march 28th and uh arrived that same day

37

00:01:36,469 --> 00:01:33,360

making the first

38

00:01:36,479 --> 00:01:44,230

to the space station for any crew

39

00:01:46,950 --> 00:01:45,749

and with that undocking it now

40

00:01:49,350 --> 00:01:46,960

officially

41

00:01:51,109 --> 00:01:49,360

marks the beginning of expedition 37 for

42

00:01:53,830 --> 00:01:51,119

the crew members left on board the space

43

00:01:55,670 --> 00:01:53,840

station that's

44

00:01:57,429 --> 00:01:55,680

their commanders now

45

00:01:58,310 --> 00:01:57,439

theodore you're cheating

46

00:02:01,030 --> 00:01:58,320

four

47

00:02:02,870 --> 00:02:01,040

five zero two five and along with uh

48

00:02:05,030 --> 00:02:02,880

along with him flight engineers luca

49

00:02:07,670 --> 00:02:05,040

parmitano and karen nyberg we are

50

00:02:16,470 --> 00:02:07,680

standing by for the depot activation we

51
00:02:20,550 --> 00:02:17,990
and the team here on the ground also now

52
00:02:23,750 --> 00:02:20,560
confirming that the separation burn is

53
00:02:24,790 --> 00:02:23,760
in progress so the activation of the

54
00:02:28,150 --> 00:02:24,800
pero

55
00:02:28,160 --> 00:02:31,830
and that 15 second burn

56
00:02:36,949 --> 00:02:34,309
now complete wide angle

57
00:02:38,470 --> 00:02:36,959
15 seconds that the soyuz jets fire ease

58
00:02:41,030 --> 00:02:38,480
it further away from the international

59
00:02:42,710 --> 00:02:41,040
space station at a rate of just over a

60
00:02:44,630 --> 00:02:42,720
mile per hour

61
00:02:52,309 --> 00:02:44,640
begins uh by moving it

62
00:02:55,110 --> 00:02:53,990
this again should put them a safe

63
00:02:57,110 --> 00:02:55,120

distance

64

00:02:59,670 --> 00:02:57,120

away from the station in time for the

65

00:03:01,830 --> 00:02:59,680

deorbit burn that will drop the soyuz

66

00:03:04,149 --> 00:03:01,840

back into the earth's atmosphere at 905

67

00:03:06,470 --> 00:03:04,159

pm central time and put them on a return

68

00:03:23,350 --> 00:03:06,480

course for kazakhstan

69

00:03:29,030 --> 00:03:26,869

and it flies beautifully

70

00:03:30,789 --> 00:03:29,040

okay so the inhibit of the dynamic

71

00:03:32,550 --> 00:03:30,799

operations has been

72

00:03:35,990 --> 00:03:32,560

sent via the command reader in case

73

00:03:44,229 --> 00:03:38,550

very beautiful image we are getting very

74

00:03:49,670 --> 00:03:46,229

because we were wiping everything you

75

00:03:53,589 --> 00:03:49,680

know all axles

76

00:03:56,229 --> 00:03:55,030

no not yet

77

00:03:57,429 --> 00:03:56,239

leave it as

78

00:04:16,469 --> 00:03:57,439

it is

79

00:04:20,390 --> 00:04:18,469

in just a moment the soyuz is scheduled

80

00:04:23,430 --> 00:04:20,400

to be directly below the international

81

00:04:25,110 --> 00:04:23,440

space station between it and the earth

82

00:04:27,189 --> 00:04:25,120

and then it's going to begin

83

00:04:30,150 --> 00:04:27,199

phasing out below and in front of the