

Ф4.4 СБЛИЖЕНИЕ

T=02 37:45

ЗАПУСК Б ОСК ГСО 12

Б1 А03 3 ШХ 0.017

ДУС 1 Vт 0.00 ШУ 0.008

Р 9 ФИЛЬТР ШZ 0.061

СО.0000 РАЗВОРОТ КУРС

У 0.00

Ш 0.00

θ 0.00

Ш~ 0.00

θ~ 0.00

р 0.000

р̇ 0.00

р 0.04 KM ΩУ - 0.055 0.000

р̇ - 0.11 M/C ΩZ - 0.226 0.000



1  
00:00:03,439 --> 00:00:06,630

yes

2  
00:00:12,629 --> 00:00:09,589

we're receiving the image so the ssl

3  
00:00:14,629 --> 00:00:12,639

mode is complete

4  
00:00:16,310 --> 00:00:14,639

team here on the ground confirming that

5  
00:00:17,990 --> 00:00:16,320

the soyuz has undocked and you can see

6  
00:00:20,390 --> 00:00:18,000

here in the

7  
00:00:22,550 --> 00:00:20,400

view being sent down from the soyuz via

8  
00:00:24,150 --> 00:00:22,560

russian ground stations moving away now

9  
00:00:25,589 --> 00:00:24,160

from the international space station

10  
00:00:28,830 --> 00:00:25,599

that incurred

11  
00:00:30,870 --> 00:00:28,840

on time at 6 35 pm central

12  
00:00:32,870 --> 00:00:30,880

time the satellite is it on

13  
00:00:35,670 --> 00:00:32,880

no not yet could you please activate the

14

00:00:39,430 --> 00:00:37,510

okay

15

00:00:47,990 --> 00:00:39,440

yes you you can

16

00:00:48,000 --> 00:00:52,790

okay we can see you clear clearly

17

00:01:09,510 --> 00:00:55,750

we are uh departing you know with the

18

00:01:15,350 --> 00:01:13,030

you know the light of the satellite

19

00:01:20,230 --> 00:01:15,360

looks a little bit

20

00:01:20,240 --> 00:01:24,310

i don't see all of it

21

00:01:28,230 --> 00:01:25,270

it's

22

00:01:33,270 --> 00:01:31,190

okay let's do the agc mode

23

00:01:40,710 --> 00:01:33,280

okay

24

00:01:44,310 --> 00:01:42,310

once again the

25

00:01:45,749 --> 00:01:44,320

soyuz tma-08m

26

00:01:48,789 --> 00:01:45,759

carrying

27

00:01:50,870 --> 00:01:48,799

expedition 36 commander pablo vinogradov

28

00:01:53,109 --> 00:01:50,880

and flight engineers alexander misurkin

29

00:01:54,630 --> 00:01:53,119

and chris cassidy has undocked from the

30

00:01:55,510 --> 00:01:54,640

international space station that took

31

00:01:58,310 --> 00:01:55,520

place

32

00:02:00,630 --> 00:01:58,320

as scheduled at 6 35 pm central time

33

00:02:02,630 --> 00:02:00,640

when the station in soyuz are about 258

34

00:02:04,149 --> 00:02:02,640

miles above mongolia

35

00:02:06,709 --> 00:02:04,159

and as you can see it's now slowly

36

00:02:08,469 --> 00:02:06,719

making its way back away from the

37

00:02:10,309 --> 00:02:08,479

international space station in

38

00:02:12,390 --> 00:02:10,319

preparation for the separation burn that

39

00:02:14,229 --> 00:02:12,400

will speed that uh

40

00:02:16,750 --> 00:02:14,239

that move up a bit

41

00:02:18,790 --> 00:02:16,760

that wraps up a

42

00:02:20,790 --> 00:02:18,800

166-day stay

43

00:02:22,390 --> 00:02:20,800

aboard the international space station

44

00:02:23,270 --> 00:02:22,400

for that crew

45

00:02:24,550 --> 00:02:23,280

they

46

00:02:26,630 --> 00:02:24,560

launched

47

00:02:30,150 --> 00:02:26,640

to this to the space station on march

48

00:02:31,509 --> 00:02:30,160

28th and arrived that same day making

49

00:02:34,710 --> 00:02:31,519

the first

50

00:02:34,720 --> 00:02:42,390

to the space station for any crew

51  
00:02:45,190 --> 00:02:43,990  
and with that undocking it now

52  
00:02:47,589 --> 00:02:45,200  
officially

53  
00:02:49,350 --> 00:02:47,599  
marks the beginning of expedition 37 for

54  
00:02:52,070 --> 00:02:49,360  
the crew members left on board the space

55  
00:02:53,910 --> 00:02:52,080  
station that's good

56  
00:02:55,670 --> 00:02:53,920  
their commanders now

57  
00:02:56,470 --> 00:02:55,680  
theodore you're cheating

58  
00:02:59,190 --> 00:02:56,480  
four

59  
00:03:01,030 --> 00:02:59,200  
five zero two five and along with uh

60  
00:03:03,270 --> 00:03:01,040  
along with him flight engineers luca

61  
00:03:05,910 --> 00:03:03,280  
parmitano and karen nyberg we are

62  
00:03:14,630 --> 00:03:05,920  
standing by for the diplo activation we

63  
00:03:18,790 --> 00:03:16,229

and the team here on the ground also now

64

00:03:20,470 --> 00:03:18,800

confirming that the separation burn is

65

00:03:23,030 --> 00:03:20,480

in progress

66

00:03:26,390 --> 00:03:23,040

so the activation of the pero

67

00:03:26,400 --> 00:03:30,070

and that 15 second burn

68

00:03:35,350 --> 00:03:32,949

now complete wide angle lens the 15

69

00:03:36,710 --> 00:03:35,360

seconds that the soyuz jets fire ease it

70

00:03:39,270 --> 00:03:36,720

further away from the international

71

00:03:40,949 --> 00:03:39,280

space station at a rate of just over a

72

00:03:42,869 --> 00:03:40,959

mile per hour

73

00:03:50,550 --> 00:03:42,879

begins uh by moving it

74

00:03:53,350 --> 00:03:52,149

this again should put them a safe

75

00:03:55,350 --> 00:03:53,360

distance

76

00:03:57,830 --> 00:03:55,360

away from the station in time for the

77

00:03:59,990 --> 00:03:57,840

deorbit burn that will drop the soyuz

78

00:04:02,390 --> 00:04:00,000

back into the earth's atmosphere at 905

79

00:04:04,630 --> 00:04:02,400

pm central time and put them on a return