

Ф44 СБЛИЖЕНИЕ

T=02:27:18

ЗАПР СБ

ОСК

ГСО 12

М2

А03

Х-0.008

ДУС123 1

Ут 0.00

У 0.043

Р 9.9

А 0.052

СО.00000

РАЗВОРОТ

КУРС

0.00

ψ 0.00

0.00

ψ~ 0.00

θ~ 0.00

ρ 0.000

ρ:ρ 0.00

0.004 KM

ΩУ 0.036

0.000

-0.11 M/C

ΩZ 0.109

0.000

1
00:00:28,470 --> 00:00:07,190
capture led is off

2
00:00:34,709 --> 00:00:30,390
we are feeling the separation

3
00:00:38,470 --> 00:00:35,990
the timer

4
00:00:40,549 --> 00:00:38,480
undocking confirmed

5
00:00:42,069 --> 00:00:40,559
have a good flight thank you thank you

6
00:00:44,709 --> 00:00:42,079
all

7
00:00:48,389 --> 00:00:44,719
looking forward to meet you on earth

8
00:00:52,790 --> 00:00:51,670
undocking confirmed at 5 26 p.m central

9
00:00:55,430 --> 00:00:52,800
time

10
00:00:57,910 --> 00:00:55,440
as the soyuz tma-09m and the

11
00:01:02,229 --> 00:00:57,920
international space station flew 262

12
00:01:07,190 --> 00:01:04,469
three crew members begin the road home

13
00:01:11,030 --> 00:01:07,200

expedition 38 now has formally begun one

14

00:01:11,040 --> 00:01:18,950

if we can see good image thank you

15

00:01:24,870 --> 00:01:21,030

so for the second time in nine days the

16

00:01:27,749 --> 00:01:24,880

tma09m is flying free this time for the

17

00:01:31,830 --> 00:01:27,759

last time as it separates uh from the

18

00:01:34,469 --> 00:01:31,840

aft port of the zvezda service module

19

00:01:36,789 --> 00:01:34,479

one minute elapsed we are about two

20

00:01:38,230 --> 00:01:36,799

minutes away now from the separation

21

00:01:41,429 --> 00:01:38,240

burn this will be

22

00:01:43,830 --> 00:01:41,439

a 15 second burn of the soyuz thrusters

23

00:01:46,469 --> 00:01:43,840

about uh half a meter per second burned

24

00:01:47,510 --> 00:01:46,479

to accelerate the soyuz's separation

25

00:01:50,149 --> 00:01:47,520

rate

26
00:01:52,789 --> 00:01:50,159
again ultimately uh to uh drift to a

27
00:01:54,469 --> 00:01:52,799
point about 12 kilometers or seven and a

28
00:01:56,709 --> 00:01:54,479
half miles away from the international

29
00:01:58,550 --> 00:01:56,719
space station for the deorbit burn that

30
00:02:21,430 --> 00:01:58,560
will begin the journey home for year

31
00:02:27,030 --> 00:02:24,470
how would you evaluate the emergency

32
00:02:29,589 --> 00:02:27,040
very clear

33
00:02:31,670 --> 00:02:29,599
we can see the horizon we can see that

34
00:02:34,390 --> 00:02:31,680
we are backing off

35
00:02:36,390 --> 00:02:34,400
along the axis crosshairs aligned we can

36
00:02:38,550 --> 00:02:36,400
set the target

37
00:02:40,869 --> 00:02:38,560
did you see inaudible