

Ф44 СБЛИЖЕНИЕ

T=16:18:32

ЗАПР СБ

ОСК ГСО 12

Б1

А 9

К

OX-0,009%

ДУС12 1

УТ

0,37

OY-0,079%

Р 9,2

ФИЛЬТР

OZ-0,122%

СВ.00000

ВКЛ ДПО

КУРС

γ 0,00°

+X

ψ 0,00°

θ 0,00°

ψ~ 0,00°

у~ 0,00°

ρ 0,000

ρ̇ 0,00

ρ 0,000кН ΩУ 0,000 0,000

ρ̇ 0,00н/с ΩZ 0,000 0,000

ИН: ЗАПРЕТ ИКВ

1
00:00:13,749 --> 00:00:12,230
and we have confirmation of undocking as

2
00:00:16,710 --> 00:00:13,759
you see the

3
00:01:08,550 --> 00:00:16,720
progress vehicle now backing away from

4
00:01:14,230 --> 00:01:11,750
the official undocking time was 7 15 and

5
00:01:16,789 --> 00:01:14,240
22 seconds

6
00:01:22,390 --> 00:01:16,799
central standard time

7
00:01:26,310 --> 00:01:24,710
at the time of undocking

8
00:01:29,149 --> 00:01:26,320
the international space station had a

9
00:01:33,030 --> 00:01:29,159
mass in space of 902

10
00:01:38,950 --> 00:01:35,670
the departure of that progress reduced

11
00:01:41,350 --> 00:01:38,960
the on-orbit mass of the station

12
00:01:44,230 --> 00:01:41,360
by about twelve thousand pounds

13
00:01:46,550 --> 00:01:44,240

now uh has a massive 890

14

00:01:47,590 --> 00:01:46,560

418

15

00:01:49,429 --> 00:01:47,600

pounds

16

00:01:51,990 --> 00:01:49,439

and of course that will be increased

17

00:01:54,389 --> 00:01:52,000

once again on monday once the next

18

00:01:55,350 --> 00:01:54,399

progress vehicle arrives at this very

19

00:01:57,590 --> 00:01:55,360

same

20

00:02:03,350 --> 00:01:57,600

docking port the piers docking module of

21

00:02:09,029 --> 00:02:05,990

so the progress slowly backing away from

22

00:02:10,229 --> 00:02:09,039

the station the next sequence will be

23

00:02:13,510 --> 00:02:10,239

the

24

00:02:15,270 --> 00:02:13,520

first separation burn it is a 15 second

25

00:02:17,510 --> 00:02:15,280

burn that will change the velocity of

26

00:02:19,030 --> 00:02:17,520

the station by or the progress

27

00:02:21,910 --> 00:02:19,040

separation by

28

00:02:23,110 --> 00:02:21,920

about six tenths of a meter meters per

29

00:02:25,430 --> 00:02:23,120

second

30

00:02:27,270 --> 00:02:25,440

that should be coming up here in about a

31

00:02:29,190 --> 00:02:27,280

minute a little less than a minute

32

00:02:31,830 --> 00:02:29,200

that's the equivalent of uh one and a

33

00:02:34,550 --> 00:02:31,840

half miles per hour or about 2.1 feet

34

00:02:38,229 --> 00:02:34,560

per second so a very subtle

35

00:02:42,710 --> 00:02:40,309

and once that's cleared another five

36

00:02:45,670 --> 00:02:42,720

minutes or so later the uh go will be

37

00:02:48,390 --> 00:02:45,680

given um that the progress is at a safe

38

00:02:50,150 --> 00:02:48,400

distance and the station can

39

00:02:53,190 --> 00:02:50,160

then be maneuvered on the russian

40

00:02:55,990 --> 00:02:53,200

attitude control systems back to

41

00:03:16,830 --> 00:02:56,000

its uh standard

42

00:03:23,430 --> 00:03:20,470

bye and with the

43

00:03:25,509 --> 00:03:23,440

view that you see the progress sep 1

44

00:03:28,229 --> 00:03:25,519

burn is underway

45

00:03:30,630 --> 00:03:28,239

continuing to back straight away from

46

00:03:33,589 --> 00:03:30,640

the international space station

47

00:03:34,550 --> 00:03:33,599

as you look through the crosshairs of

48

00:04:10,869 --> 00:03:34,560

the

49

00:04:12,869 --> 00:04:10,879

service module

50

00:04:15,270 --> 00:04:12,879

and the

51
00:04:17,110 --> 00:04:15,280
zarya control module the first element

52
00:04:19,030 --> 00:04:17,120
of the international space station that

53
00:04:20,550 --> 00:04:19,040
essentially kicked off the

54
00:04:22,150 --> 00:04:20,560
assembly

55
00:05:18,870 --> 00:04:22,160
of the complex

56
00:05:23,110 --> 00:05:20,870
and just to correct the

57
00:05:26,070 --> 00:05:23,120
for those that track the actual seconds

58
00:05:27,749 --> 00:05:26,080
of the undocking the the russian control

59
00:05:30,469 --> 00:05:27,759
mission control centers

60
00:05:32,070 --> 00:05:30,479
confirmed the undocking time at 27

61
00:05:33,670 --> 00:05:32,080
seconds so it'd be

62
00:05:38,469 --> 00:05:33,680
um