

Ф44 СБЛИЖЕНИЕ

T=15:12:22

ПРИЧАЛ ПРИЧАЛ

ЛСК ГСО 1234

Б1

БАЗА АР ОХ 0,017%

ДУС12 1

ОУ -0,017%

Р 95,4 ССВП ГТ

ОZ 0,035%

С1 76601

КУРС 1

γ -0,81°

μ 0,36°

φ 0,56°

ψп 0,10°

θп 0,01°

ρ 0,00°

ρ -0,12

ρ 0,013кН

ΩУ 0,034 0,059

ρ̇ -0,12Н/с

ΩZ -0,044 -0,035

ИН: АО ОТВЕДЕНА

1
00:00:08,549 --> 00:00:06,150
the progress 53 all of its systems in

2
00:00:09,990 --> 00:00:08,559
excellent shape now less than 700 meters

3
00:00:11,910 --> 00:00:10,000
away from the international space

4
00:00:15,110 --> 00:00:11,920
station you see this view from an

5
00:00:17,349 --> 00:00:15,120
external camera on the progress 53

6
00:00:19,189 --> 00:00:17,359
this resupply ship which first arrived

7
00:00:22,070 --> 00:00:19,199
back at the international space station

8
00:00:24,950 --> 00:00:22,080
last november docked to the aft port of

9
00:00:26,550 --> 00:00:24,960
the zvezda service module undocked once

10
00:00:29,029 --> 00:00:26,560
again early wednesday morning just

11
00:00:31,109 --> 00:00:29,039
before 4 am central time and as you can

12
00:00:33,270 --> 00:00:31,119
see in this view from a camera on the

13
00:00:35,590 --> 00:00:33,280

truss of the international space station

14

00:00:38,790 --> 00:00:35,600

through the u.s ku band communications

15

00:00:41,270 --> 00:00:38,800

system a good view of the progress which

16

00:00:42,869 --> 00:00:41,280

again conducted a two-day sojourn in

17

00:00:45,270 --> 00:00:42,879

which it backed away to a distance of

18

00:00:47,510 --> 00:00:45,280

about 300 miles from the complex

19

00:00:49,990 --> 00:00:47,520

conducted a few burns to move

20

00:00:51,670 --> 00:00:50,000

above the international space station at

21

00:00:53,750 --> 00:00:51,680

a distance of about two and a half miles

22

00:00:55,990 --> 00:00:53,760

above the complex phased behind the

23

00:00:58,709 --> 00:00:56,000

station and then early this morning

24

00:01:01,189 --> 00:00:58,719

began a methodical and automated series

25

00:01:04,390 --> 00:01:01,199

of engine firings to return to the

26

00:01:06,870 --> 00:01:04,400

complex for what is expected to be a

27

00:01:10,190 --> 00:01:06,880

smooth docking

28

00:01:13,429 --> 00:01:10,200

a good view of the progress as it flies

29

00:01:16,230 --> 00:01:13,439

260 statute miles

30

00:01:18,550 --> 00:01:16,240

over morocco near casablanca

31

00:01:21,670 --> 00:01:18,560

moving from southwest to northeast soon

32

00:01:33,830 --> 00:01:21,680

to cross the northern coast of africa

33

00:01:38,069 --> 00:01:35,990

russian flight controllers reporting no

34

00:01:39,429 --> 00:01:38,079

issues everything going

35

00:01:53,350 --> 00:01:39,439

by the book

36

00:01:53,360 --> 00:02:06,230

coffee

37

00:02:09,830 --> 00:02:08,150

progress has reached its final approach

38

00:02:18,150 --> 00:02:09,840

rate of about a tenth of a meter per

39

00:02:18,160 --> 00:02:57,750

now 10 meters separating the two craft

40

00:03:01,509 --> 00:02:59,509

only five meters from docking flight

41

00:03:04,149 --> 00:03:01,519

controllers standing by for contact and

42

00:03:16,949 --> 00:03:04,159

capture completely inaudible moscow

43

00:03:20,710 --> 00:03:19,030

and mikhail you're at two meters and

44

00:03:24,390 --> 00:03:20,720

based on the information we're getting

45

00:03:24,400 --> 00:03:28,550

standing by for contact

46

00:03:33,990 --> 00:03:31,430

contact and capture docking confirmed

47

00:03:36,390 --> 00:03:34,000

and capture confirmed

48

00:03:37,750 --> 00:03:36,400

free drift confirmed the international

49

00:03:39,990 --> 00:03:37,760

space station in free drift

50

00:03:42,149 --> 00:03:40,000

congratulations finally we have one

51
00:03:43,350 --> 00:03:42,159
successful

52
00:03:45,190 --> 00:03:43,360
course

53
00:03:46,390 --> 00:03:45,200
n a test

54
00:03:48,710 --> 00:03:46,400
under our belt

55
00:03:50,789 --> 00:03:48,720
and we'll continue to

56
00:03:52,710 --> 00:03:50,799
work on the rest of this

57
00:03:56,070 --> 00:03:52,720
procedure

58
00:03:58,949 --> 00:03:56,080
docking confirmed at 7 13 a.m central

59
00:04:00,630 --> 00:03:58,959
time 8 13 a.m eastern time

60
00:04:04,390 --> 00:04:00,640
as the international space station and