



1
00:00:14,629 --> 00:00:05,349
standing by for the next command to be

2
00:00:20,870 --> 00:00:16,070
station now flying over southern

3
00:00:26,870 --> 00:00:24,550
undocking confirmed at 7 35 pm central

4
00:00:31,189 --> 00:00:29,109
on the cusp of the 16th anniversary of a

5
00:00:33,510 --> 00:00:31,199
permanent human occupancy in space the

6
00:00:36,709 --> 00:00:33,520
50th expedition to the international

7
00:00:38,229 --> 00:00:36,719
space station is officially underway

8
00:00:40,950 --> 00:00:38,239
it is

9
00:00:40,960 --> 00:00:47,350
ready

10
00:00:53,110 --> 00:00:49,910
and the docking mechanism is the

11
00:01:08,950 --> 00:00:53,120
interface of the docking mechanism is

12
00:01:15,510 --> 00:01:11,109
once again is that okay

13
00:01:23,429 --> 00:01:18,630

a great view of the ms01 vehicle

14

00:01:23,439 --> 00:01:29,350

run

15

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

the first separation burn and eight

16

00:01:35,190 --> 00:01:33,280

second burn that will increase uh the

17

00:01:37,910 --> 00:01:35,200

opening rate by about five tenths of a

18

00:01:38,830 --> 00:01:37,920

meter per second now underway

19

00:01:40,710 --> 00:01:38,840

and

20

00:01:43,190 --> 00:01:40,720

descending

21

00:01:45,190 --> 00:01:43,200

a11

22

00:01:47,030 --> 00:01:45,200

activating error

23

00:01:49,190 --> 00:01:47,040

copy

24

00:01:51,749 --> 00:01:49,200

without yes

25

00:01:54,950 --> 00:01:51,759

the man has been sent

26

00:01:57,030 --> 00:01:54,960

and a good view of the manual

27

00:01:58,709 --> 00:01:57,040

test being performed by anatoly

28

00:02:01,749 --> 00:01:58,719

ivanishin

29

00:02:04,310 --> 00:02:01,759

a test of a pair of hand controllers on

30

00:02:06,550 --> 00:02:04,320

board soyuz to characterize the

31

00:02:08,710 --> 00:02:06,560

controllability of the new soyuz ms

32

00:02:11,190 --> 00:02:08,720

thruster configuration

33

00:02:13,350 --> 00:02:11,200

the thrusters and

34

00:02:15,830 --> 00:02:13,360

maneuver

35

00:02:18,070 --> 00:02:15,840

are nominal

36

00:02:20,229 --> 00:02:18,080

clockwise one flight controller here in

37

00:02:22,309 --> 00:02:20,239

mission control described the view as

38

00:02:23,750 --> 00:02:22,319

awesome

39

00:02:25,589 --> 00:02:23,760

affirmative

40

00:02:27,750 --> 00:02:25,599

translational hand controller currently

41

00:02:29,830 --> 00:02:27,760

crossing the border between china and

42

00:02:32,150 --> 00:02:29,840

russia moving from southwest to

43

00:02:35,110 --> 00:02:32,160

northeast

44

00:02:37,670 --> 00:02:35,120

maneuver confirmed a rude translational

45

00:02:39,990 --> 00:02:37,680

hand controller test they're both rest

46

00:02:42,309 --> 00:02:40,000

is active confirmed

47

00:02:44,229 --> 00:02:42,319

all the way pulling down

48

00:02:45,990 --> 00:02:44,239

confirmed left

49

00:02:53,430 --> 00:02:46,000

confirmed

50

00:02:55,430 --> 00:02:53,440

scintillating of uh

51
00:02:57,030 --> 00:02:55,440
the soyuz flying away from the

52
00:02:59,270 --> 00:02:57,040
international space station through the

53
00:03:01,750 --> 00:02:59,280
high definition external viewer camera

54
00:03:04,070 --> 00:03:01,760
or hdev

55
00:03:07,270 --> 00:03:04,080
moving from northwest to southeast at an

56
00:03:22,149 --> 00:03:07,280
altitude of 252 miles above the earth

57
00:03:27,270 --> 00:03:25,270
the 10 russian mi-8 helicopters that

58
00:03:28,229 --> 00:03:27,280
will be departing for the prime landing

59
00:03:30,309 --> 00:03:28,239
site

60
00:03:31,430 --> 00:03:30,319
will be augmented by four all-terrain

61
00:03:35,110 --> 00:03:31,440
vehicles

62
00:03:37,509 --> 00:03:35,120
two additional russian helicopters

63
00:03:40,309 --> 00:03:37,519

are moving uh

64

00:03:41,670 --> 00:03:40,319

or are in position at the airstrip at

65

00:03:43,509 --> 00:03:41,680

yublina

66

00:03:46,309 --> 00:03:43,519

near the baikonur cosmodrome in

67

00:03:48,070 --> 00:03:46,319

kazakhstan the launch site for soyluz

68

00:03:51,270 --> 00:03:48,080

vehicles

69

00:03:53,190 --> 00:03:51,280

the soyluz with the three occupants and

70

00:03:54,789 --> 00:03:53,200

the descent module in their respective

71

00:03:57,910 --> 00:03:54,799

seats

72

00:04:00,229 --> 00:03:57,920

moved away from the station conducted a

73

00:04:02,869 --> 00:04:00,239

series of separation burns in which

74

00:04:05,830 --> 00:04:02,879

conducted a series of tests of the

75

00:04:10,070 --> 00:04:05,840

manual controllability of the new soyluz

76

00:04:12,710 --> 00:04:10,080

with its updated thruster configuration

77

00:04:15,110 --> 00:04:12,720

and now is drifting to a point well away

78

00:04:17,509 --> 00:04:15,120

from the station for the deorbit burn

79

00:04:21,990 --> 00:04:17,519

just over two hours from now that will

80

00:04:23,749 --> 00:04:22,000

begin at 10 06 and 35 seconds pm central

81

00:04:25,830 --> 00:04:23,759

time to begin the ride home into the