



1
00:00:05,190 --> 00:00:02,550
now you're looking live in the rassvet

2
00:00:07,110 --> 00:00:05,200
modules vestibule yuri malenchenko on

3
00:00:08,950 --> 00:00:07,120
the left tim copra in the center tim

4
00:00:12,390 --> 00:00:08,960
peake of the european space agency on

5
00:00:15,589 --> 00:00:12,400
the right as they gather to say farewell

6
00:00:17,750 --> 00:00:15,599
to jeff williams oleg skorpochka and

7
00:00:20,070 --> 00:00:17,760
alexi of chenin

8
00:00:21,189 --> 00:00:20,080
final farewells and handshakes all the

9
00:00:23,189 --> 00:00:21,199
way around

10
00:00:26,029 --> 00:00:23,199
before they make their way through that

11
00:00:33,750 --> 00:00:26,039
hatchway behind peak into the soyuz

12
00:00:40,150 --> 00:00:37,030
cobra first uh followed by peak as

13
00:00:41,670 --> 00:00:40,160

we are about to lose our signal uh

14

00:00:43,190 --> 00:00:41,680

through the tracking and data relay

15

00:00:46,790 --> 00:00:43,200

satellite system

16

00:00:49,670 --> 00:00:46,800

uh some bonus uh ku coverage uh now as

17

00:00:51,029 --> 00:00:49,680

uh malenchenko offers a final uh wave

18

00:00:54,549 --> 00:00:51,039

and a farewell

19

00:00:56,069 --> 00:00:54,559

uh the crew once inside of the soyuz uh

20

00:00:58,549 --> 00:00:56,079

will begin uh

21

00:01:00,630 --> 00:00:58,559

the process of closing the hatch once

22

00:01:03,750 --> 00:01:00,640

the hatch is closed uh they will uh

23

00:01:06,469 --> 00:01:03,760

transfer the soyuz vehicle from iss

24

00:01:08,230 --> 00:01:06,479

provided power to autonomous power uh

25

00:01:10,710 --> 00:01:08,240

through the remainder of the soyuz's

26
00:01:12,950 --> 00:01:10,720
time through undocking and its uh return

27
00:01:15,910 --> 00:01:12,960
to earth and you see at the hatchway

28
00:01:18,550 --> 00:01:15,920
alex korpochka uh and alexei of chenin

29
00:01:20,149 --> 00:01:18,560
in the foreground as they prepare to

30
00:01:22,230 --> 00:01:20,159
close the hatch there will be leak

31
00:01:23,510 --> 00:01:22,240
checks conducted on both sides of the

32
00:01:24,630 --> 00:01:23,520
docking

33
00:01:26,950 --> 00:01:24,640
interface

34
00:01:29,270 --> 00:01:26,960
between the hatchway

35
00:01:31,749 --> 00:01:29,280
for the soyuz and the international

36
00:01:33,910 --> 00:01:31,759
space station before that vestibule is

37
00:01:36,550 --> 00:01:33,920
depressurized down to vacuum setting the

38
00:01:39,030 --> 00:01:36,560

stage for the actual undocking of the

39

00:01:52,069 --> 00:01:39,040

soyuz from rassvet that is scheduled

40

00:01:58,389 --> 00:01:54,630

undocking confirmed

41

00:02:00,709 --> 00:01:58,399

at 12 52 a.m central time 1 52 a.m

42

00:02:03,190 --> 00:02:00,719

eastern time

43

00:02:06,789 --> 00:02:03,200

as the soyuz and the international space

44

00:02:15,910 --> 00:02:06,799

station flew 254 miles over far eastern

45

00:02:15,920 --> 00:02:19,750

give me your estimate

46

00:02:24,150 --> 00:02:22,710

with undocking expedition 48 is now

47

00:02:26,070 --> 00:02:24,160

formally underway aboard the

48

00:02:32,470 --> 00:02:26,080

international space station under the

49

00:02:37,509 --> 00:02:35,110

what is your estimate of the docking

50

00:02:40,550 --> 00:02:37,519

port

51
00:02:53,830 --> 00:02:41,509
copy

52
00:02:57,990 --> 00:02:55,990
and this is a view from the soyuz as it

53
00:03:00,390 --> 00:02:58,000
backs away from the rassvet module of

54
00:03:03,509 --> 00:03:00,400
the international space station again

55
00:03:04,550 --> 00:03:03,519
undocking occurring on time at 12 52 a.m

56
00:03:07,270 --> 00:03:04,560
central

57
00:03:15,350 --> 00:03:07,280
1 52 a.m eastern time

58
00:03:19,030 --> 00:03:17,830
waiting for the first burn in three

59
00:03:24,869 --> 00:03:19,040
minutes

60
00:03:28,470 --> 00:03:26,390
we're about a minute away from the first

61
00:03:30,470 --> 00:03:28,480
separation burn again that will be an

62
00:03:33,110 --> 00:03:30,480
eight-second burn

63
00:03:35,670 --> 00:03:33,120

to increase the opening rate between the

64

00:03:53,509 --> 00:03:35,680

soyuz and the station by about six

65

00:04:17,110 --> 00:03:56,949

so here's to your main 19m departing

66

00:04:21,670 --> 00:04:19,430

the traditional ringing of the bell on

67

00:04:23,830 --> 00:04:21,680

board the international space station by

68

00:04:26,629 --> 00:04:23,840

its new commander

69

00:04:28,870 --> 00:04:26,639

nasa's jeff williams

70

00:04:33,270 --> 00:04:28,880

good luck to you

71

00:04:33,280 --> 00:04:38,629

see you soon

72

00:04:43,990 --> 00:04:41,030

having launched uh last december 15th

73

00:04:51,990 --> 00:04:44,000

the soyuz tma-19m begins the journey

74

00:04:59,909 --> 00:04:56,070

thruster activation yes

75

00:05:11,110 --> 00:05:02,710

eight seconds

76

00:05:11,120 --> 00:05:24,550

yes we can observe the maneuver

77

00:05:29,270 --> 00:05:27,590

there is the soyuz tma-19m

78

00:05:31,430 --> 00:05:29,280

for those of us just joining our

79

00:05:33,590 --> 00:05:31,440

broadcast uh we are just eight and a

80

00:05:36,230 --> 00:05:33,600

half minutes away from touchdown

81

00:05:42,310 --> 00:05:36,240

a good view of the soyuz spacecraft

82

00:05:52,070 --> 00:05:45,430

the soyuz uh nearing its touchdown point

83

00:05:52,080 --> 00:06:07,830

and we're standing by for touchdown

84

00:06:14,390 --> 00:06:11,350

the soyuz is home touchdown confirmed at

85

00:06:17,189 --> 00:06:14,400

4 15 a.m central time

86

00:06:19,430 --> 00:06:17,199

and now uh video has been reestablished

87

00:06:21,909 --> 00:06:19,440

from the landing site

88

00:06:25,749 --> 00:06:21,919

a good view of yuri malenchenko the

89

00:06:30,550 --> 00:06:27,990

and tim peake the first british

90

00:06:32,070 --> 00:06:30,560

astronaut to fly on the international

91

00:06:35,189 --> 00:06:32,080

space station

92

00:06:37,909 --> 00:06:35,199

peak completing his first mission

93

00:06:38,950 --> 00:06:37,919

malenchenko completing six flights into

94

00:06:42,230 --> 00:06:38,960

space

95

00:06:44,629 --> 00:06:42,240

and a total of 828 days

96

00:06:47,029 --> 00:06:44,639

away from the planet second most on the

97

00:06:53,350 --> 00:06:47,039

all-time list behind fellow cosmonaut

98

00:06:53,360 --> 00:07:08,550

okay everyone's doing their job

99

00:07:13,909 --> 00:07:10,710

all three crew members now out of the

100

00:07:13,919 --> 00:07:29,510

is that good

101
00:07:34,629 --> 00:07:32,309
yeah i mean it was just real picturesque

102
00:07:37,189 --> 00:07:34,639
and there there goes copra right now we

103
00:07:39,589 --> 00:07:37,199
were able to see it in the helicopters

104
00:07:41,270 --> 00:07:39,599
almost the entire way down under shoot

105
00:07:42,870 --> 00:07:41,280
and like i said able to see those soft

106
00:07:45,270 --> 00:07:42,880
landing engines and everything fire and

107
00:07:47,029 --> 00:07:45,280
that was just unreal to see you know

108
00:07:49,909 --> 00:07:47,039
from a helicopter just a few hundred

109
00:07:54,950 --> 00:07:52,309
well dan thanks very much enjoy that

110
00:07:56,629 --> 00:07:54,960
weather it's not often that we

111
00:07:58,150 --> 00:07:56,639
experience

112
00:07:59,909 --> 00:07:58,160
temperatures around 80 degrees

113
00:08:01,749 --> 00:07:59,919

fahrenheit but uh

114

00:08:03,350 --> 00:08:01,759

everything appeared to go by the book

115

00:08:05,189 --> 00:08:03,360

and uh we'll