



1
00:00:17,189 --> 00:00:13,030
okay all the best to you guys thank you

2
00:00:20,470 --> 00:00:17,199
thank you expedition 23. oh yeah

3
00:00:22,310 --> 00:00:20,480
okay anchorman 23. do your best guys

4
00:00:24,710 --> 00:00:22,320
whoa whoa everything will be fine thank

5
00:00:30,870 --> 00:00:24,720
you thank you so much

6
00:00:35,510 --> 00:00:33,430
undocking occurring right on time at 303

7
00:00:37,830 --> 00:00:35,520
a.m central time

8
00:00:40,069 --> 00:00:37,840
as the soyuz tma-16 and the

9
00:00:42,470 --> 00:00:40,079
international space station parted ways

10
00:00:48,709 --> 00:00:42,480
220 miles over the mongolian russian

11
00:00:48,719 --> 00:01:05,109
yes

12
00:01:09,350 --> 00:01:07,590
tj creamer on board the station ringing

13
00:01:12,390 --> 00:01:09,360

the traditional bell to mark the

14

00:01:14,469 --> 00:01:12,400

departure of the soyuz tma-16 now

15

00:01:16,710 --> 00:01:14,479

beginning the journey that will lead to

16

00:01:20,550 --> 00:01:16,720

its landing on the step of kazakhstan

17

00:01:25,109 --> 00:01:21,749

again

18

00:01:29,030 --> 00:01:25,119

we have visual of the docking port

19

00:01:53,350 --> 00:01:29,040

and we see the uh final approach a plane

20

00:02:00,550 --> 00:01:55,510

this is the power selection

21

00:02:21,190 --> 00:02:02,950

standing by

22

00:02:26,710 --> 00:02:24,229

has initiated the separation burn again

23

00:02:29,270 --> 00:02:26,720

about a 15 second firing of the soyuz

24

00:02:30,309 --> 00:02:29,280

thrusters to initiate an opening rate

25

00:02:32,470 --> 00:02:30,319

that will

26

00:02:34,390 --> 00:02:32,480

enable the soyuz to reach a distance of

27

00:02:37,030 --> 00:02:34,400

about 12 kilometers away from the

28

00:02:40,869 --> 00:02:37,040

international space station for its 4

29

00:02:58,710 --> 00:02:40,879

minute 16 second deorbit burn at 5 33 am

30

00:03:04,630 --> 00:03:01,350

i see the light indicator on the bars

31

00:03:09,110 --> 00:03:07,030

meanwhile in kazakhstan the nasa

32

00:03:11,190 --> 00:03:09,120

delegation that has joined the search

33

00:03:15,030 --> 00:03:11,200

and recovery teams that will greet the

34

00:03:17,350 --> 00:03:15,040

soyuz tma16 on the step of kazakhstan

35

00:03:19,750 --> 00:03:17,360

led by joel montalbano the director of

36

00:03:21,030 --> 00:03:19,760

human space flight programs in russia

37

00:03:23,910 --> 00:03:21,040

joined by

38

00:03:25,270 --> 00:03:23,920

jeff williams flight surgeon dr steve

39

00:03:27,990 --> 00:03:25,280

gilmore

40

00:03:29,910 --> 00:03:28,000

the interpreter ilya schlapikov

41

00:03:31,910 --> 00:03:29,920

mark polansky the veteran astronaut

42

00:03:34,869 --> 00:03:31,920

representing the astronaut office he's

43

00:03:37,270 --> 00:03:34,879

also the director of operations for

44

00:03:40,309 --> 00:03:37,280

u.s crew training at star city russia at

45

00:03:42,630 --> 00:03:40,319

the gagarin cosmonaut training center

46

00:03:43,830 --> 00:03:42,640

nasa public affairs officer josh byerly

47

00:03:45,589 --> 00:03:43,840

and nasa

48

00:03:47,430 --> 00:03:45,599

photographer from headquarters bill

49

00:03:50,470 --> 00:03:47,440

ingles all on

50

00:03:51,670 --> 00:03:50,480

different helicopters

51

00:03:53,750 --> 00:03:51,680

polanski

52

00:03:54,949 --> 00:03:53,760

ingalls and gilmore spent the night in

53

00:03:57,670 --> 00:03:54,959

arcelic

54

00:03:58,869 --> 00:03:57,680

in rather frigid temperatures in a hotel

55

00:04:01,910 --> 00:03:58,879

before

56

00:04:04,070 --> 00:04:01,920

moving on now uh to begin the journey

57

00:04:06,470 --> 00:04:04,080

out to the arkalik airstrip where they

58

00:04:07,750 --> 00:04:06,480

will board their respective russian mi8

59

00:04:10,630 --> 00:04:07,760

helicopters

60

00:04:13,350 --> 00:04:10,640

to uh begin the transit of about 25

61

00:04:16,710 --> 00:04:13,360

minutes down to the landing site

62

00:04:17,670 --> 00:04:16,720

montalbano shlopikov and byerly are in

63

00:04:20,710 --> 00:04:17,680

route

64

00:04:22,790 --> 00:04:20,720

from kustanai the staging site in

65

00:04:24,390 --> 00:04:22,800

northwest kazakhstan just over the

66

00:04:27,189 --> 00:04:24,400

russian border

67

00:04:29,030 --> 00:04:27,199

down to arkalik to refuel their mi-8

68

00:04:30,870 --> 00:04:29,040

helicopters before they

69

00:04:31,990 --> 00:04:30,880

joined their other search and recovery

70

00:04:34,070 --> 00:04:32,000

colleagues