



1
00:00:07,190 --> 00:00:03,510
now seeing the crew

2
00:00:09,270 --> 00:00:07,200
uh saying uh farewell to one another

3
00:00:12,470 --> 00:00:09,280
obviously uh wishing uh the departing

4
00:00:17,269 --> 00:00:14,709
as uh yui kononenko and lindgren prepare

5
00:00:19,269 --> 00:00:17,279
to make their way through the hatchway

6
00:00:21,510 --> 00:00:19,279
leaving kelly kornyenko and sergey

7
00:00:23,029 --> 00:00:21,520
volkov behind as a three-man crew on

8
00:00:25,109 --> 00:00:23,039
board the international space station

9
00:00:49,990 --> 00:00:25,119
but for a very brief period of time just

10
00:00:54,470 --> 00:00:52,229
and the hatch

11
00:00:57,029 --> 00:00:54,480
between ross viet and the soyuz vehicle

12
00:01:02,069 --> 00:00:57,039
closed at 9

13
00:01:03,510 --> 00:01:02,079

32 a.m moscow time 12 32 a.m

14

00:01:05,189 --> 00:01:03,520

houston time

15

00:01:08,789 --> 00:01:05,199

hatch closed

16

00:01:10,230 --> 00:01:08,799

at 12 32 a.m central time 9 32 a.m

17

00:01:21,590 --> 00:01:10,240

moscow time

18

00:01:28,070 --> 00:01:24,550

undocking confirmed at 12

19

00:01:30,310 --> 00:01:28,080

49 and 44 seconds moscow time

20

00:01:32,310 --> 00:01:30,320

3 49 44

21

00:01:35,190 --> 00:01:32,320

central time

22

00:01:40,310 --> 00:01:35,200

expedition 45 heading home for a landing

23

00:01:45,030 --> 00:01:42,710

a good stay don't miss us too much we'll

24

00:01:45,910 --> 00:01:45,040

see you in march

25

00:02:07,190 --> 00:01:45,920

thank you

26
00:02:11,190 --> 00:02:09,270
sergey volkov on board the international

27
00:02:13,589 --> 00:02:11,200
space station wishing his fellow

28
00:02:15,270 --> 00:02:13,599
cosmonaut ali kononenko a good journey

29
00:02:17,030 --> 00:02:15,280
home

30
00:02:18,790 --> 00:02:17,040
saying we'll see you in march that's

31
00:02:21,030 --> 00:02:18,800
when volkov scott kelly and mikhail

32
00:02:24,630 --> 00:02:21,040
korniyenko will come home

33
00:02:26,869 --> 00:02:24,640
again undocking occurring at 3 49 and 44

34
00:02:28,390 --> 00:02:26,879
seconds am central time

35
00:02:30,550 --> 00:02:28,400
at the international space station

36
00:02:48,830 --> 00:02:30,560
passed over eastern russia near the

37
00:02:55,830 --> 00:02:54,229
97. uh dpo uh ignition confirmed

38
00:02:57,830 --> 00:02:55,840

and we have confirmed that the

39

00:02:59,830 --> 00:02:57,840

separation burn has occurred it was an

40

00:03:02,830 --> 00:02:59,840

eight second burn you can see a more

41

00:03:06,309 --> 00:03:02,840

rapid departure now uh for the soyuz

42

00:03:08,949 --> 00:03:06,319

tma-17m spacecraft very prominent at the

43

00:03:12,229 --> 00:03:08,959

center of the crosshairs are the two

44

00:03:16,229 --> 00:03:12,239

circular ultraflex solar arrays from the

45

00:03:18,630 --> 00:03:16,239

orbital atk resupply ship the cygnus

46

00:03:20,550 --> 00:03:18,640

the ss geek slayton ii that arrived at

47

00:03:23,750 --> 00:03:20,560

the international space station where

48

00:03:26,470 --> 00:03:23,760

lindgren grappled uh the spacecraft uh

49

00:03:29,110 --> 00:03:26,480

just two days ago now he's heading home

50

00:03:32,550 --> 00:03:29,120

wrapping up 141 days in space along with

51
00:03:34,030 --> 00:03:32,560
his crewmates a journey of 2200

52
00:03:57,589 --> 00:03:34,040
orbits spanning

53
00:03:57,599 --> 00:04:12,550
sending d8

54
00:04:12,560 --> 00:04:26,150
s11

55
00:04:26,160 --> 00:04:35,110
and stay there

56
00:04:39,990 --> 00:04:36,710
a good view of the international space

57
00:04:42,870 --> 00:04:40,000
station as it and the soyuz tma-17m

58
00:04:46,310 --> 00:04:42,880
spacecraft pass over the sea of okotsk

59
00:04:48,150 --> 00:04:46,320
heading now from northwest to southeast

60
00:04:50,710 --> 00:04:48,160
uh on a track that will carry it across

61
00:05:23,189 --> 00:04:50,720
the north pacific a short time from now

62
00:05:27,990 --> 00:05:25,029
this is mission control houston we now

63
00:05:30,310 --> 00:05:28,000

have confirmation that the soyuz tma-17m

64

00:05:32,550 --> 00:05:30,320

spacecraft has landed the search and

65

00:05:35,350 --> 00:05:32,560

recovery forces reporting from the

66

00:05:37,909 --> 00:05:35,360

landing site that the soyuz was found on

67

00:05:39,830 --> 00:05:37,919

its side not unusual

68

00:05:42,390 --> 00:05:39,840

for a windy

69

00:05:44,230 --> 00:05:42,400

landing condition the words up on the

70

00:05:46,469 --> 00:05:44,240

front screen here in the mission control

71

00:05:48,150 --> 00:05:46,479

center yes kosadka

72

00:05:49,830 --> 00:05:48,160

they've landed

73

00:05:51,350 --> 00:05:49,840

video now being received from the

74

00:05:52,629 --> 00:05:51,360

landing site to the northeast of

75

00:05:55,510 --> 00:05:52,639

jessica's gone

76

00:05:56,870 --> 00:05:55,520

a good view of kimia yui who's being

77

00:05:59,670 --> 00:05:56,880

hoisted

78

00:06:02,390 --> 00:05:59,680

in his reclining chair he'll be placed

79

00:06:04,790 --> 00:06:02,400

in an all-terrain vehicle to be driven

80

00:06:07,430 --> 00:06:04,800

to one of the helicopters that has

81

00:06:09,990 --> 00:06:07,440

arrived at the landing site

82

00:06:12,070 --> 00:06:10,000

we are also told that alec kononenko was

83

00:06:13,590 --> 00:06:12,080

removed from the soyuz capsule uh chell

84

00:06:16,230 --> 00:06:13,600

lindgren to be

85

00:06:18,830 --> 00:06:16,240

removed next

86

00:06:21,909 --> 00:06:18,840

extraction of the crew is in

87

00:06:23,270 --> 00:06:21,919

progress with kononenko and yui having

88

00:06:24,150 --> 00:06:23,280

been extracted

89

00:06:25,670 --> 00:06:24,160

and

90

00:06:33,110 --> 00:06:25,680

chelle lindgren now in the process of

91

00:06:39,510 --> 00:06:35,430

and a good view of chell lindgren

92

00:06:42,309 --> 00:06:39,520

uh having returned from space 141 days

93

00:06:44,150 --> 00:06:42,319

on his first mission just two days ago

94

00:06:45,830 --> 00:06:44,160

he was at the controls at the robotics

95

00:06:48,309 --> 00:06:45,840

workstation in the cupola of the

96

00:06:51,110 --> 00:06:48,319

international space station using the

97

00:06:54,150 --> 00:06:51,120

canadarm2 robotic arm to grapple uh the

98

00:06:56,469 --> 00:06:54,160

orbital atk cygnus resupply vehicle

99

00:06:58,629 --> 00:06:56,479

48 hours later he's back on earth with

100

00:06:59,749 --> 00:06:58,639

his crewmates oleg kononenko and kamiya

101

00:07:02,390 --> 00:06:59,759

yui

102

00:07:05,670 --> 00:07:02,400

uh looking uh hail and hardy they will

103

00:07:08,070 --> 00:07:05,680

be loaded into uh helicopters for about

104

00:07:09,909 --> 00:07:08,080

a 35 minute or so flight

105

00:07:11,749 --> 00:07:09,919

to jazz cuz gone

106

00:07:13,830 --> 00:07:11,759

where they will wind up

107

00:07:15,189 --> 00:07:13,840

ultimately being flown in a nasa

108

00:07:17,510 --> 00:07:15,199

gulfstream jet

109

00:07:20,710 --> 00:07:17,520

that would be lindgren and yui

110

00:07:22,070 --> 00:07:20,720

back to uh houston

111

00:07:23,830 --> 00:07:22,080

the uh

112

00:07:25,909 --> 00:07:23,840

third crew member the soyuz commander

113

00:07:28,870 --> 00:07:25,919

oleg kononenko having completed his

114

00:07:31,830 --> 00:07:28,880

third flight into space and 533 days

115

00:07:33,909 --> 00:07:31,840

aggregate total to be flown back to

116

00:07:36,790 --> 00:07:33,919

tcoloski airfield

117

00:07:38,950 --> 00:07:36,800

near star city the gagarin cosmonaut

118

00:07:39,909 --> 00:07:38,960

training center air base and training

119

00:07:42,550 --> 00:07:39,919

center

120

00:08:06,070 --> 00:07:42,560

he will be flown back to be reunited

121

00:08:06,080 --> 00:08:16,390

oh

122

00:08:16,400 --> 00:08:29,430

foreign

123

00:08:29,440 --> 00:08:39,509

how are you doing

124

00:08:43,509 --> 00:08:41,430

a good view of chell lindgren at the

125

00:08:45,190 --> 00:08:43,519

landing site uh

126
00:08:46,630 --> 00:08:45,200
he um

127
00:08:48,870 --> 00:08:46,640
is talking on a satellite phone

128
00:08:51,590 --> 00:08:48,880
presumably to his family back in houston

129
00:08:53,829 --> 00:08:51,600
that's a typical and commonplace

130
00:08:56,070 --> 00:08:53,839
the landing site is floodlit but there

131
00:08:57,910 --> 00:08:56,080
will be no erection of a medical tent on

132
00:09:00,790 --> 00:08:57,920
this particular evening

133
00:09:02,630 --> 00:09:00,800
since the landing occurred

134
00:09:04,310 --> 00:09:02,640
under rather

135
00:09:06,470 --> 00:09:04,320
harsh conditions

136
00:09:08,150 --> 00:09:06,480
with a thick overcast

137
00:09:10,070 --> 00:09:08,160
the search and recovery forces uh

138
00:09:12,389 --> 00:09:10,080

deploying only four helicopters to the

139

00:09:15,990 --> 00:09:12,399

landing site and several all-terrain

140

00:09:19,190 --> 00:09:16,000

vehicles alek kononenko and kamiya yui

141

00:09:23,110 --> 00:09:19,200

already uh having been uh placed inside

142

00:09:38,630 --> 00:09:23,120

uh all-terrain vehicles to move

143

00:09:43,910 --> 00:09:41,750

this is the first uh post sunset landing

144

00:09:46,150 --> 00:09:43,920

uh for a soyuz vehicle uh in

145

00:09:49,030 --> 00:09:46,160

international space station history

146

00:09:51,670 --> 00:09:49,040

the sixth night landing overall the last

147

00:09:53,910 --> 00:09:51,680

one occurring an hour before sunrise

148

00:09:56,790 --> 00:09:53,920

back in november 2012 when the

149

00:09:58,710 --> 00:09:56,800

expedition 33 crew brought its mission

150

00:10:01,509 --> 00:09:58,720

to an end uh sunny williams yuri

151

00:10:03,990 --> 00:10:01,519

malenchenko and aki hoshide

152

00:10:06,150 --> 00:10:04,000

now lindgren being lifted to be carried

153

00:10:09,110 --> 00:10:06,160

to an all-terrain vehicle and a short