



1  
00:00:05,430 --> 00:00:03,990  
hi my name is mike fossum

2  
00:00:07,030 --> 00:00:05,440  
i'm currently serving as the commander

3  
00:00:08,790 --> 00:00:07,040  
of expedition 29 on board the

4  
00:00:11,030 --> 00:00:08,800  
international space station

5  
00:00:13,030 --> 00:00:11,040  
my crewmates are japanese astronaut

6  
00:00:15,749 --> 00:00:13,040  
satoshi furukawa

7  
00:00:17,029 --> 00:00:15,759  
russian cosmonauts sergey volkov anton

8  
00:00:19,269 --> 00:00:17,039  
shkaplerov

9  
00:00:21,269 --> 00:00:19,279  
and anatoly ivanishin

10  
00:00:23,029 --> 00:00:21,279  
as well as american astronaut dan

11  
00:00:25,189 --> 00:00:23,039  
burbank

12  
00:00:27,269 --> 00:00:25,199  
today is an important day in the story

13  
00:00:29,589 --> 00:00:27,279

of the international space station

14

00:00:31,349 --> 00:00:29,599

we are the 29th crew to call this

15

00:00:33,350 --> 00:00:31,359

marvelous vessel home

16

00:00:34,470 --> 00:00:33,360

and we've made the best of every minute

17

00:00:36,790 --> 00:00:34,480

of it

18

00:00:38,630 --> 00:00:36,800

however our time grows short

19

00:00:39,910 --> 00:00:38,640

although expedition 29 does not

20

00:00:41,670 --> 00:00:39,920

officially end

21

00:00:42,950 --> 00:00:41,680

until we undock from the station

22

00:00:44,389 --> 00:00:42,960

tomorrow

23

00:00:46,229 --> 00:00:44,399

we have a change of command ceremony

24

00:00:47,990 --> 00:00:46,239

today so sergey satoshi and i may

25

00:00:50,310 --> 00:00:48,000

concentrate on our preparations for

26

00:00:53,510 --> 00:00:50,320

departure

27

00:00:54,470 --> 00:00:53,520

dan she'll be your ship in a few minutes

28

00:00:57,189 --> 00:00:54,480

first

29

00:00:59,029 --> 00:00:57,199

i'd like to say a few more words

30

00:01:00,869 --> 00:00:59,039

expedition 29 has been a very

31

00:01:03,349 --> 00:01:00,879

interesting time

32

00:01:05,590 --> 00:01:03,359

we were here to be part of the historic

33

00:01:07,750 --> 00:01:05,600

last space shuttle mission

34

00:01:08,789 --> 00:01:07,760

it was then our task to transition from

35

00:01:10,950 --> 00:01:08,799

a focus

36

00:01:13,429 --> 00:01:10,960

on assembly operations to full

37

00:01:15,429 --> 00:01:13,439

scientific utilization

38

00:01:17,670 --> 00:01:15,439

with the loss of the progress cargo ship

39

00:01:20,390 --> 00:01:17,680

and the delay in launches we spent all

40

00:01:21,990 --> 00:01:20,400

but the last few days of expedition 29

41

00:01:24,070 --> 00:01:22,000

as a three-person crew

42

00:01:27,030 --> 00:01:24,080

yet we achieved every science goal that

43

00:01:28,550 --> 00:01:27,040

was set before us

44

00:01:30,789 --> 00:01:28,560

we are the fortunate ones living in

45

00:01:33,350 --> 00:01:30,799

space with a great view

46

00:01:36,149 --> 00:01:33,360

in truth we merely serve as the hands

47

00:01:39,590 --> 00:01:36,159

and eyes for a huge team with the real

48

00:01:41,350 --> 00:01:39,600

brains the passion persistence

49

00:01:42,950 --> 00:01:41,360

and patience

50

00:01:45,350 --> 00:01:42,960

we did work hard

51  
00:01:46,950 --> 00:01:45,360  
but our success is really a tribute to

52  
00:01:48,389 --> 00:01:46,960  
the mission teams on the ground who

53  
00:01:50,149 --> 00:01:48,399  
developed the plans to make it all

54  
00:01:51,910 --> 00:01:50,159  
happen

55  
00:01:53,749 --> 00:01:51,920  
i think of it as a pyramid with only a

56  
00:01:55,190 --> 00:01:53,759  
few at the point

57  
00:01:57,990 --> 00:01:55,200  
but they couldn't stand there without

58  
00:02:00,550 --> 00:01:58,000  
the rock solid foundation which reaches

59  
00:02:01,830 --> 00:02:00,560  
far below

60  
00:02:04,069 --> 00:02:01,840  
there are too many individuals to

61  
00:02:05,910 --> 00:02:04,079  
mention by name

62  
00:02:08,070 --> 00:02:05,920  
but i have to say a few a special thank

63  
00:02:10,229 --> 00:02:08,080

you to our lead flight director in

64

00:02:12,470 --> 00:02:10,239

houston royce renfrew

65

00:02:14,229 --> 00:02:12,480

he has been the unflappable quarterback

66

00:02:15,990 --> 00:02:14,239

calling the perfect plays

67

00:02:19,270 --> 00:02:16,000

while we scramble to run our patterns so

68

00:02:23,910 --> 00:02:20,550

finally i'd like to say a few words

69

00:02:28,309 --> 00:02:26,150

the image we chose was the international

70

00:02:31,190 --> 00:02:28,319

space station following the path of the

71

00:02:32,470 --> 00:02:31,200

historic 18th century explorer captain

72

00:02:34,869 --> 00:02:32,480

james cook

73

00:02:37,190 --> 00:02:34,879

and his ship endeavour

74

00:02:39,509 --> 00:02:37,200

during cook's three main voyages he

75

00:02:41,350 --> 00:02:39,519

explored and mapped a major portion of

76

00:02:43,589 --> 00:02:41,360

the oceans and coastlines under the

77

00:02:45,430 --> 00:02:43,599

flight path of the iss

78

00:02:48,309 --> 00:02:45,440

adding immeasurably to the body of

79

00:02:52,470 --> 00:02:48,319

knowledge of that time

80

00:02:54,309 --> 00:02:52,480

as the iss sails the stardust trail

81

00:02:55,990 --> 00:02:54,319

following the spirit of endeavor sailing

82

00:02:57,190 --> 00:02:56,000

towards the dark unknown and new

83

00:03:00,470 --> 00:02:57,200

discoveries

84

00:03:02,229 --> 00:03:00,480

it enlightens the earth below

85

00:03:03,910 --> 00:03:02,239

the quest for new discoveries has been a

86

00:03:05,509 --> 00:03:03,920

significant element of the human

87

00:03:08,149 --> 00:03:05,519

character through the centuries

88

00:03:10,630 --> 00:03:08,159

inspiring us to endure hardships and the

89

00:03:12,790 --> 00:03:10,640

separation of a mission that is greater

90

00:03:14,710 --> 00:03:12,800

than the individual

91

00:03:16,229 --> 00:03:14,720

the crew of expedition 29 is proud to

92

00:03:17,750 --> 00:03:16,239

continue the journey

93

00:03:19,750 --> 00:03:17,760

in the this greatest of all human

94

00:03:21,750 --> 00:03:19,760

endeavors

95

00:03:23,350 --> 00:03:21,760

throughout history the change of command

96

00:03:25,589 --> 00:03:23,360

for a sailing ship has been a formal

97

00:03:27,509 --> 00:03:25,599

occasion and we continue that tradition

98

00:03:29,589 --> 00:03:27,519

today

99

00:03:31,430 --> 00:03:29,599

we are proud to have served

100

00:03:33,670 --> 00:03:31,440

and we are humbled by the outstanding

101

00:03:35,990 --> 00:03:33,680

professionalism and support

102

00:03:40,710 --> 00:03:36,000

from teams around the planet

103

00:03:43,589 --> 00:03:40,720

in houston moscow cologne munich scuba

104

00:03:45,110 --> 00:03:43,599

montreal and huntsville alabama

105

00:03:47,350 --> 00:03:45,120

not to mention the science and

106

00:03:49,910 --> 00:03:47,360

engineering teams from numerous agencies

107

00:03:52,550 --> 00:03:49,920

and universities

108

00:03:54,470 --> 00:03:52,560

sergey and satoshi

109

00:03:57,429 --> 00:03:54,480

this was my dream mission

110

00:03:59,030 --> 00:03:57,439

and you guys have been my dream crew

111

00:04:01,429 --> 00:03:59,040

i would launch with you guys on another

112

00:04:05,190 --> 00:04:01,439

mission in a heartbeat

113

00:04:06,789 --> 00:04:05,200

dan anton and anatoly

114

00:04:07,670 --> 00:04:06,799

you arrived at our door just a few days

115

00:04:09,750 --> 00:04:07,680

ago

116

00:04:11,750 --> 00:04:09,760

well prepared and ready to spring into

117

00:04:14,309 --> 00:04:11,760

action

118

00:04:15,910 --> 00:04:14,319

you are ready to take over my only

119

00:04:17,670 --> 00:04:15,920

regret here is that we had so little

120

00:04:19,509 --> 00:04:17,680

time to spend together

121

00:04:21,110 --> 00:04:19,519

but we've made the best of it

122

00:04:23,350 --> 00:04:21,120

and we're happy to see you continue the

123

00:04:24,870 --> 00:04:23,360

continuous human presence on board the

124

00:04:26,830 --> 00:04:24,880

international space station which has

125

00:04:28,469 --> 00:04:26,840

now surpassed 11

126

00:04:29,909 --> 00:04:28,479

years

127

00:04:31,510 --> 00:04:29,919

there are no words to express our

128

00:04:33,030 --> 00:04:31,520

gratitude to our families who have

129

00:04:35,430 --> 00:04:33,040

endured much throughout our years of

130

00:04:37,030 --> 00:04:35,440

training and this mission

131

00:04:39,749 --> 00:04:37,040

we call home excited about seeing

132

00:04:42,390 --> 00:04:39,759

countries at night in a blaze of light

133

00:04:44,790 --> 00:04:42,400

with a flicker of aurora on the horizon

134

00:04:46,950 --> 00:04:44,800

while they're dealing with kids homework

135

00:04:49,830 --> 00:04:46,960

and cars which need repairs

136

00:04:55,350 --> 00:04:49,840

the stuff of real life

137

00:05:00,629 --> 00:04:58,790

dan i am ready to be relieved

138

00:05:04,390 --> 00:05:00,639

i relieve you commander

139

00:05:04,400 --> 00:05:09,510

i stand relieved

140

00:05:13,430 --> 00:05:11,749

i'd just like to to say thank you for uh

141

00:05:15,749 --> 00:05:13,440

for handing us over um such a

142

00:05:18,550 --> 00:05:15,759

magnificent ship space stations

143

00:05:21,510 --> 00:05:18,560

in uh in perfect condition uh it's an

144

00:05:23,670 --> 00:05:21,520

honor and a privilege to take the helm

145

00:05:25,510 --> 00:05:23,680

um on a i guess on a personal note i'd

146

00:05:27,909 --> 00:05:25,520

really like to recognize

147

00:05:29,749 --> 00:05:27,919

you and satoshi and sergey for all the

148

00:05:32,070 --> 00:05:29,759

hard work that you've committed to us in

149

00:05:33,029 --> 00:05:32,080

the last couple of months um by not

150

00:05:34,629 --> 00:05:33,039

having

151  
00:05:36,710 --> 00:05:34,639  
the two months that we expected to have

152  
00:05:39,590 --> 00:05:36,720  
and instead having four months it was um

153  
00:05:41,189 --> 00:05:39,600  
it was a heavy load for you at the same

154  
00:05:43,189 --> 00:05:41,199  
time that you were operating the entire

155  
00:05:45,110 --> 00:05:43,199  
space station keeping the science going

156  
00:05:45,909 --> 00:05:45,120  
at about half strength for two months

157  
00:05:48,550 --> 00:05:45,919  
there

158  
00:05:51,110 --> 00:05:48,560  
and especially i think all of us really

159  
00:05:52,550 --> 00:05:51,120  
owe a debt of thanks to all the teams on

160  
00:05:54,710 --> 00:05:52,560  
the ground the folks that prepared us

161  
00:05:56,790 --> 00:05:54,720  
for this mission the folks that prepared

162  
00:05:58,230 --> 00:05:56,800  
all of the crews the previous crews and

163  
00:05:59,430 --> 00:05:58,240

the people in all the control centers

164

00:06:01,350 --> 00:05:59,440

around the world

165

00:06:03,990 --> 00:06:01,360

that uh that watch over space station

166

00:06:06,469 --> 00:06:04,000

systems that fly this vehicle and uh

167

00:06:08,550 --> 00:06:06,479

that watch over us all the time

168

00:06:10,309 --> 00:06:08,560

so it's really been a whirlwind but it's

169

00:06:12,469 --> 00:06:10,319

been a pleasure um

170

00:06:15,590 --> 00:06:12,479

i can't promise that i won't be calling

171

00:06:17,350 --> 00:06:15,600

you with questions here and there and uh

172

00:06:18,469 --> 00:06:17,360

and and i know you'll be there ready to

173

00:06:21,029 --> 00:06:18,479

help us

174

00:06:23,110 --> 00:06:21,039

anton and uh anatoly and i look forward

175

00:06:25,510 --> 00:06:23,120

to carrying on the proud legacy that the

176

00:06:28,070 --> 00:06:25,520

previous crews have uh have laid before

177

00:06:30,550 --> 00:06:28,080

us and um and i guess on behalf of the

178

00:06:33,510 --> 00:06:30,560

three of us we'd like to wish you sergey

179

00:06:35,189 --> 00:06:33,520

satoshi fairwinds following