



1  
00:00:09,030 --> 00:00:06,230  
and station this is houston are you guys

2  
00:00:14,230 --> 00:00:12,070  
go ahead we are ready

3  
00:00:15,829 --> 00:00:14,240  
and jscpao this is mission control

4  
00:00:16,870 --> 00:00:15,839  
houston please call station for a voice

5  
00:00:19,349 --> 00:00:16,880  
check

6  
00:00:23,189 --> 00:00:19,359  
station this is jscpao how do you hear

7  
00:00:27,750 --> 00:00:25,830  
loud and clear welcome to station

8  
00:00:31,589 --> 00:00:27,760  
great our first question will be from

9  
00:00:34,150 --> 00:00:31,599  
gina sensari with abc

10  
00:00:35,910 --> 00:00:34,160  
good morning iss this question is for

11  
00:00:37,110 --> 00:00:35,920  
karen nyberg

12  
00:00:39,750 --> 00:00:37,120  
you've had

13  
00:00:42,549 --> 00:00:39,760

quite the experience creating

14

00:00:44,470 --> 00:00:42,559

items up in space for your son tell me a

15

00:00:46,630 --> 00:00:44,480

little bit about that and what ingenuity

16

00:00:49,670 --> 00:00:46,640

that's taken

17

00:00:51,189 --> 00:00:49,680

it actually took me uh quite a bit of

18

00:00:53,110 --> 00:00:51,199

time to get some momentum to get

19

00:00:55,110 --> 00:00:53,120

something made i had a lot of

20

00:00:57,189 --> 00:00:55,120

expectations and hopes with stuff i

21

00:00:59,349 --> 00:00:57,199

brought with me but uh finally it

22

00:01:01,029 --> 00:00:59,359

actually it was the day that uh that

23

00:01:03,110 --> 00:01:01,039

cygnus was supposed to arrive and it was

24

00:01:05,270 --> 00:01:03,120

delayed and so we had a whole day it was

25

00:01:09,429 --> 00:01:05,280

a sunday off and and that's when i

26

00:01:12,390 --> 00:01:10,830

bill harwood we're ready for your

27

00:01:15,429 --> 00:01:12,400

question

28

00:01:17,030 --> 00:01:15,439

little preview of what you're looking

29

00:01:18,469 --> 00:01:17,040

forward to coming home you've been away

30

00:01:20,390 --> 00:01:18,479

a long time obviously you've got a

31

00:01:22,870 --> 00:01:20,400

dramatic ride coming up tell us a little

32

00:01:24,710 --> 00:01:22,880

bit about what you're looking forward to

33

00:01:26,870 --> 00:01:24,720

yeah i think the ride is going to be

34

00:01:28,390 --> 00:01:26,880

going to be a wild ride and a lot of fun

35

00:01:29,749 --> 00:01:28,400

but more than anything i'm of course

36

00:01:32,069 --> 00:01:29,759

looking forward to seeing my husband and

37

00:01:34,630 --> 00:01:32,079

my son

38

00:01:37,670 --> 00:01:34,640

okay moving on we will go with elizabeth

39

00:01:39,429 --> 00:01:37,680

howell with universe today

40

00:01:42,789 --> 00:01:39,439

hello what sort of modifications have

41

00:01:45,270 --> 00:01:42,799

you made to fit nine people on board

42

00:01:47,109 --> 00:01:45,280

hi this is luca parmitano so one of the

43

00:01:49,350 --> 00:01:47,119

one of the things we had to do was

44

00:01:53,030 --> 00:01:49,360

actually make space for them we had to

45

00:01:56,310 --> 00:01:53,040

move our our soyuz which was docked uh

46

00:01:58,149 --> 00:01:56,320

to the mrm port we moved to a different

47

00:01:59,749 --> 00:01:58,159

port so that the new crew could get

48

00:02:01,910 --> 00:01:59,759

there so that was the first modification

49

00:02:04,469 --> 00:02:01,920

we had to make and then also we had to

50

00:02:05,590 --> 00:02:04,479

adjust for emergency procedure

51  
00:02:08,070 --> 00:02:05,600  
all our

52  
00:02:09,589 --> 00:02:08,080  
procedures are trained and worked out

53  
00:02:12,309 --> 00:02:09,599  
for a crew of six

54  
00:02:14,309 --> 00:02:12,319  
now we are nine and so we had to come up

55  
00:02:17,030 --> 00:02:14,319  
with a way to respond in case something

56  
00:02:19,270 --> 00:02:17,040  
happens and the last last modification

57  
00:02:22,070 --> 00:02:19,280  
but probably the most important for

58  
00:02:24,150 --> 00:02:22,080  
everyday life was find a space for for

59  
00:02:26,630 --> 00:02:24,160  
the crew to sleep so

60  
00:02:28,390 --> 00:02:26,640  
in the end we decided that the old crew

61  
00:02:30,309 --> 00:02:28,400  
as seniority and would stay in the crew

62  
00:02:32,550 --> 00:02:30,319  
quarters that we had before

63  
00:02:34,150 --> 00:02:32,560

and the new crew was

64

00:02:36,470 --> 00:02:34,160

kind enough to

65

00:02:38,150 --> 00:02:36,480

just pick one of the modules they're all

66

00:02:40,790 --> 00:02:38,160

nice spacious and

67

00:02:44,229 --> 00:02:40,800

and and and cozy and they each picked

68

00:02:46,470 --> 00:02:44,239

one and that's where they're sleeping

69

00:02:47,990 --> 00:02:46,480

or bill harwood with cbs if you have a

70

00:02:49,910 --> 00:02:48,000

follow-up

71

00:02:51,190 --> 00:02:49,920

yes i do i have a question for sergey if

72

00:02:53,110 --> 00:02:51,200

i could could you tell us a little bit

73

00:02:55,110 --> 00:02:53,120

about your spacewalk and the olympic

74

00:02:57,350 --> 00:02:55,120

torch exactly what you plan to do with

75

00:03:00,390 --> 00:02:57,360

it and how important that is to russia

76

00:03:03,110 --> 00:03:00,400

to show that torch up in space

77

00:03:05,509 --> 00:03:03,120

well um this is really

78

00:03:12,470 --> 00:03:05,519

a really interesting adventure

79

00:03:16,790 --> 00:03:13,750

and

80

00:03:20,149 --> 00:03:16,800

i'm honestly looking forward to this my

81

00:03:21,670 --> 00:03:20,159

first in a live space work

82

00:03:23,670 --> 00:03:21,680

we will

83

00:03:27,670 --> 00:03:23,680

perform uh

84

00:03:30,949 --> 00:03:27,680

usual the eva with some special tasks to

85

00:03:33,030 --> 00:03:30,959

make photos and video with olympic torch

86

00:03:34,869 --> 00:03:33,040

and this is uh

87

00:03:37,509 --> 00:03:34,879

some part of official

88

00:03:40,070 --> 00:03:37,519

olympic torch relay uh that is

89

00:03:41,910 --> 00:03:40,080

uh now in our country

90

00:03:45,190 --> 00:03:41,920

um

91

00:03:53,750 --> 00:03:45,200

that's all maybe alec will add something

92

00:03:58,390 --> 00:03:56,550

okay no problem um so

93

00:04:00,149 --> 00:03:58,400

if you were to be able to have a crew of

94

00:04:01,750 --> 00:04:00,159

nine up there regularly can you talk a

95

00:04:03,910 --> 00:04:01,760

little bit about

96

00:04:06,630 --> 00:04:03,920

how much more science could be done and

97

00:04:10,949 --> 00:04:06,640

also what facilities would need to be

98

00:04:15,429 --> 00:04:13,350

i think uh absolutely moving to nine

99

00:04:16,949 --> 00:04:15,439

people is doable um as far as the

100

00:04:18,390 --> 00:04:16,959

science and it would be fantastic you

101  
00:04:20,550 --> 00:04:18,400  
know for a long time we had three crew

102  
00:04:22,870 --> 00:04:20,560  
members here and when we moved to six

103  
00:04:24,950 --> 00:04:22,880  
that was a big jump um one of the things

104  
00:04:27,909 --> 00:04:24,960  
really to be concerned about though is

105  
00:04:29,990 --> 00:04:27,919  
um our environmental control system and

106  
00:04:31,510 --> 00:04:30,000  
co2 production of course will be

107  
00:04:33,990 --> 00:04:31,520  
increased and then our systems have to

108  
00:04:36,469 --> 00:04:34,000  
keep up with that and also the

109  
00:04:38,390 --> 00:04:36,479  
consumables and the supplies we need

110  
00:04:40,390 --> 00:04:38,400  
i think certainly making up the science

111  
00:04:43,030 --> 00:04:40,400  
for us to do

112  
00:04:44,629 --> 00:04:43,040  
would be very doable i think the harder

113  
00:04:48,150 --> 00:04:44,639

part would be getting the systems to

114

00:04:53,590 --> 00:04:49,909

okay thank you all that will be all from

115

00:04:56,230 --> 00:04:55,030

station this is houston acr that

116

00:04:57,909 --> 00:04:56,240

concludes the national portion of the

117

00:05:07,990 --> 00:04:57,919

event please stand by for a voice check

118

00:05:12,550 --> 00:05:11,270

my question is for the 10th crew member

119

00:05:15,189 --> 00:05:12,560

which is

120

00:05:17,909 --> 00:05:15,199

the olympic torch that has been

121

00:05:20,550 --> 00:05:17,919

on the station for 24 hours already i

122

00:05:42,790 --> 00:05:20,560

wonder where it spent tonight and what

123

00:05:47,670 --> 00:05:44,950

the international space station with the

124

00:05:50,629 --> 00:05:47,680

torch after that

125

00:05:52,390 --> 00:05:50,639

every crew member held the torch in his

126  
00:05:53,830 --> 00:05:52,400  
or her hand

127  
00:05:55,189 --> 00:05:53,840  
and

128  
00:05:58,469 --> 00:05:55,199  
each of us

129  
00:06:00,070 --> 00:05:58,479  
flew through the station starting with

130  
00:06:02,390 --> 00:06:00,080  
the japanese

131  
00:06:04,230 --> 00:06:02,400  
module by koichi then

132  
00:06:07,029 --> 00:06:04,240  
luca picked it up

133  
00:06:09,270 --> 00:06:07,039  
and went through the european module

134  
00:06:10,309 --> 00:06:09,280  
then michael hopkins

135  
00:06:13,189 --> 00:06:10,319  
took

136  
00:06:16,870 --> 00:06:15,270  
karen nyberg

137  
00:06:33,670 --> 00:06:16,880  
flew through

138  
00:06:33,680 --> 00:06:38,390

in a special place thank you

139

00:06:42,150 --> 00:06:41,189

right now we have nine crew members on

140

00:06:43,990 --> 00:06:42,160

board

141

00:06:44,950 --> 00:06:44,000

that's a lot of people usually have only

142

00:06:46,150 --> 00:06:44,960

six

143

00:06:50,870 --> 00:06:46,160

i'm sure

144

00:06:54,309 --> 00:06:52,870

tell us about it

145

00:06:57,589 --> 00:06:54,319

in fact

146

00:06:59,990 --> 00:06:57,599

nine people is not the limit of how many

147

00:07:03,110 --> 00:07:00,000

people the station can accommodate we

148

00:07:04,790 --> 00:07:03,120

used to have 13 people here at the time

149

00:07:07,749 --> 00:07:04,800

when the shuttle crews

150

00:07:11,510 --> 00:07:07,759

were able to arrive here

151

00:07:15,110 --> 00:07:11,520

she remembers those days

152

00:07:17,589 --> 00:07:15,120

that's why i can say that

153

00:07:20,870 --> 00:07:17,599

system station the systems of the

154

00:07:22,790 --> 00:07:20,880

station are able to accommodate

155

00:07:24,070 --> 00:07:22,800

nine people of course we have more

156

00:07:25,589 --> 00:07:24,080

people but

157

00:07:27,670 --> 00:07:25,599

it is not

158

00:07:30,070 --> 00:07:27,680

um

159

00:07:32,950 --> 00:07:30,080

creating obstacles and we are preparing

160

00:07:34,150 --> 00:07:32,960

for eva tomorrow and we are preparing

161

00:07:34,950 --> 00:07:34,160

for

162

00:07:36,870 --> 00:07:34,960

field

163

00:07:37,830 --> 00:07:36,880

crew to return

164

00:07:39,510 --> 00:07:37,840

soon

165

00:07:41,670 --> 00:07:39,520

everything is going fine

166

00:07:44,230 --> 00:07:41,680

hi my name is lindsay france from russia

167

00:07:45,909 --> 00:07:44,240

today my question is for oleg kotov and

168

00:07:47,670 --> 00:07:45,919

sergey ryazanskiy

169

00:07:50,070 --> 00:07:47,680

uh the phrases that gagarin and

170

00:07:52,469 --> 00:07:50,080

armstrong said on their pioneering space

171

00:07:55,670 --> 00:07:52,479

endeavors became historic the famous

172

00:07:58,469 --> 00:07:55,680

tayakale or let's go by gagarin

173

00:08:00,230 --> 00:07:58,479

can be one small step by armstrong have

174

00:08:01,749 --> 00:08:00,240

you ever maybe thought of a catchphrase

175

00:08:22,390 --> 00:08:01,759

you will use when you take the olympic

176  
00:08:27,110 --> 00:08:25,270  
to be followed up with some kind of set

177  
00:08:29,110 --> 00:08:27,120  
of words

178  
00:08:31,990 --> 00:08:29,120  
probably we will just

179  
00:08:37,509 --> 00:08:34,469  
forward the olympic games

180  
00:08:38,949 --> 00:08:37,519  
general health and athletics activities

181  
00:08:41,110 --> 00:08:38,959  
in the whole world we're not going to be

182  
00:08:44,389 --> 00:08:41,120  
too original

183  
00:08:46,550 --> 00:08:44,399  
and now question for alex and sergey

184  
00:08:48,790 --> 00:08:46,560  
please tell us a little more what

185  
00:08:51,030 --> 00:08:48,800  
exactly is going to happen how you are

186  
00:08:53,350 --> 00:08:51,040  
going to hand over the torch

187  
00:08:59,350 --> 00:08:53,360  
what exactly you are going to do with it

188  
00:09:04,230 --> 00:09:02,150

once again i'll have to say that

189

00:09:06,389 --> 00:09:04,240

this is not the only task that we are

190

00:09:07,670 --> 00:09:06,399

going to have this will be just one

191

00:09:10,470 --> 00:09:07,680

stage

192

00:09:13,750 --> 00:09:10,480

of the whole session of activities

193

00:09:16,710 --> 00:09:13,760

outside the station this time

194

00:09:19,269 --> 00:09:16,720

we are going to move along the

195

00:09:21,269 --> 00:09:19,279

outside of the russian segment and we

196

00:09:23,190 --> 00:09:21,279

will be symbolically symbolically

197

00:09:25,590 --> 00:09:23,200

handing over

198

00:09:28,550 --> 00:09:25,600

the torch from one crew member to the

199

00:09:30,550 --> 00:09:28,560

other we will repeat that

200

00:09:31,590 --> 00:09:30,560

a couple of three times to make sure we

201  
00:09:33,590 --> 00:09:31,600  
will have

202  
00:09:38,630 --> 00:09:33,600  
a pretty picture to make sure the whole

203  
00:09:41,030 --> 00:09:38,640  
world and our country will see the torch

204  
00:09:44,070 --> 00:09:41,040  
in a nice way that it is with the

205  
00:09:45,509 --> 00:09:44,080  
background of the earth and black space

206  
00:09:46,550 --> 00:09:45,519  
will be

207  
00:09:49,670 --> 00:09:46,560  
on the

208  
00:09:52,070 --> 00:09:49,680  
russian segment so it is a sort of a

209  
00:09:55,110 --> 00:09:52,080  
creative task it is technically

210  
00:09:57,110 --> 00:09:55,120  
challenging and we hope for success

211  
00:09:59,670 --> 00:09:57,120  
thank you

212  
00:10:01,350 --> 00:09:59,680  
i have a question for you your chicken

213  
00:10:03,430 --> 00:10:01,360

on the 11th

214

00:10:06,230 --> 00:10:03,440

you are supposed to return the torch

215

00:10:09,990 --> 00:10:06,240

back to earth awanda if special

216

00:10:14,790 --> 00:10:10,000

ceremonies are planned on saying goodbye

217

00:10:24,230 --> 00:10:16,550

of course

218

00:10:28,230 --> 00:10:25,829

we've been working here for five and a

219

00:10:30,630 --> 00:10:28,240

half months

220

00:10:31,509 --> 00:10:30,640

each of us of course is missing home a

221

00:10:33,750 --> 00:10:31,519

lot

222

00:10:36,389 --> 00:10:33,760

we will have some touchy moments we will

223

00:10:39,670 --> 00:10:36,399

be saying farewell to our friends that

224

00:10:42,550 --> 00:10:39,680

are staying on the station

225

00:10:45,350 --> 00:10:42,560

alec and sergey will give the torch to

226

00:10:49,829 --> 00:10:47,990

uh this will be already the third space

227

00:10:51,350 --> 00:10:49,839

vehicle that the torch will be traveling

228

00:10:56,069 --> 00:10:51,360

on

229

00:10:58,230 --> 00:10:56,079

olympic committee

230

00:11:01,350 --> 00:10:58,240

so the main thing is

231

00:11:04,389 --> 00:11:01,360

to perform eva tomorrow

232

00:11:26,870 --> 00:11:04,399

with the eva and we will be there on the

233

00:11:26,880 --> 00:11:31,269

on board of the station

234

00:11:42,550 --> 00:11:33,750

let's ask karen

235

00:11:47,910 --> 00:11:44,470

these guys are like a group of brothers

236

00:11:50,790 --> 00:11:47,920

for me um i i've been uh in in a

237

00:11:53,590 --> 00:11:50,800

mechanical engineering field for for al

238

00:11:56,470 --> 00:11:53,600

most of my you know adult life and in

239

00:11:58,870 --> 00:11:56,480

that field i'm usually among 20 percent

240

00:11:59,670 --> 00:11:58,880

or so female so i'm accustomed to that

241

00:12:01,110 --> 00:11:59,680

and

242

00:12:10,550 --> 00:12:01,120

these guys are all great so it's been

243

00:12:14,230 --> 00:12:12,550

station this is houston acr that

244

00:12:15,990 --> 00:12:14,240

concludes the

245

00:12:18,310 --> 00:12:16,000

mission control moscow portion of the

246

00:12:37,430 --> 00:12:18,320

event please stand by for a voice check

247

00:12:43,750 --> 00:12:39,910

station this is either po how can you

248

00:12:43,760 --> 00:12:50,470

loud and clear welcome on board

249

00:12:56,230 --> 00:12:52,389

we're here in estrin and we'll go on

250

00:13:04,310 --> 00:12:59,030

hello everybody this is andreana daquino

251  
00:13:09,829 --> 00:13:04,320  
speaking from rome indian press agency

252  
00:13:09,839 --> 00:13:13,430  
about to come back to earth

253  
00:13:26,470 --> 00:13:15,590  
what is your conclusion of this long

254  
00:13:32,230 --> 00:13:29,030  
these five and a half months went by in

255  
00:13:34,790 --> 00:13:32,240  
one moment with so many things happening

256  
00:13:36,629 --> 00:13:34,800  
a mission that was really full of

257  
00:13:41,509 --> 00:13:36,639  
specific events

258  
00:13:45,269 --> 00:13:43,350  
the first event one of the

259  
00:13:47,430 --> 00:13:45,279  
first missions

260  
00:13:49,430 --> 00:13:47,440  
that we completed in uh

261  
00:13:52,389 --> 00:13:49,440  
within four orbits

262  
00:13:54,949 --> 00:13:52,399  
the arrival of the atv two evas even

263  
00:13:56,710 --> 00:13:54,959

though one ended pretty quickly and then

264

00:13:58,949 --> 00:13:56,720

two more vehicles that arrived at

265

00:14:00,310 --> 00:13:58,959

station and were captured with the

266

00:14:02,150 --> 00:14:00,320

robotic arm

267

00:14:03,670 --> 00:14:02,160

one the japanese module and then the

268

00:14:05,829 --> 00:14:03,680

first uh

269

00:14:07,750 --> 00:14:05,839

cygnus module

270

00:14:11,509 --> 00:14:07,760

and then this

271

00:14:13,990 --> 00:14:11,519

re-entry with the movement of the soyuz

272

00:14:16,710 --> 00:14:14,000

and with the olympic torch so from my

273

00:14:24,310 --> 00:14:16,720

standpoint a 100 percent positive

274

00:14:24,320 --> 00:14:40,069

the question for luca

275

00:14:43,350 --> 00:14:41,430

do you already have a feel for what

276

00:14:45,350 --> 00:14:43,360

you're going to be missing about space

277

00:14:49,110 --> 00:14:45,360

once you've returned

278

00:14:50,150 --> 00:14:49,120

ciao paolo pao paolo welcome on board

279

00:14:52,069 --> 00:14:50,160

in order

280

00:14:55,509 --> 00:14:52,079

i would have put the uh family then

281

00:14:57,350 --> 00:14:55,519

espresso pizza and everything else but

282

00:14:59,269 --> 00:14:57,360

but when i think about

283

00:15:01,509 --> 00:14:59,279

it actually i'm trying not to think

284

00:15:02,710 --> 00:15:01,519

about coming back too much

285

00:15:03,670 --> 00:15:02,720

because even though i'm ready to come

286

00:15:06,069 --> 00:15:03,680

back

287

00:15:07,670 --> 00:15:06,079

and it's great to think about seeing my

288

00:15:09,670 --> 00:15:07,680

family again and

289

00:15:13,430 --> 00:15:09,680

feeling the warmth of people

290

00:15:15,750 --> 00:15:13,440

and human contact i think i will very

291

00:15:17,829 --> 00:15:15,760

much miss this environment

292

00:15:20,870 --> 00:15:17,839

it's hard to identify one thing i will

293

00:15:23,030 --> 00:15:20,880

miss everything really because station

294

00:15:26,069 --> 00:15:23,040

was my home for the past six months

295

00:15:28,069 --> 00:15:26,079

uh welcoming home a home where the work

296

00:15:29,749 --> 00:15:28,079

is very specific

297

00:15:31,350 --> 00:15:29,759

and it's different every day has a

298

00:15:33,430 --> 00:15:31,360

different event and there's never time

299

00:15:35,189 --> 00:15:33,440

to get bored and what

300

00:15:36,870 --> 00:15:35,199

the most beautiful view that you can

301  
00:15:38,829 --> 00:15:36,880  
think of

302  
00:15:41,590 --> 00:15:38,839  
so maybe if the day after

303  
00:15:44,069 --> 00:15:41,600  
tomorrow i should think about

304  
00:15:46,389 --> 00:15:44,079  
what i'm going to miss above all what

305  
00:15:49,110 --> 00:15:46,399  
i'm going to miss about everything

306  
00:15:51,269 --> 00:15:49,120  
is the idea of being here

307  
00:15:52,389 --> 00:15:51,279  
living weightless in this extraordinary

308  
00:15:54,389 --> 00:15:52,399  
world

309  
00:15:56,550 --> 00:15:54,399  
the view obviously

310  
00:15:57,990 --> 00:15:56,560  
what i'm able to see from the cupola is

311  
00:16:00,310 --> 00:15:58,000  
something that

312  
00:16:02,150 --> 00:16:00,320  
i think i will always bring with me but

313  
00:16:04,870 --> 00:16:02,160

the physical sensation of being

314

00:16:15,749 --> 00:16:04,880

weightless is something that i think i

315

00:16:19,910 --> 00:16:17,430

i would like to come back to you to the

316

00:16:22,069 --> 00:16:19,920

second spacewalk

317

00:16:23,189 --> 00:16:22,079

the one that turned turned you into

318

00:16:26,310 --> 00:16:23,199

superman

319

00:16:28,790 --> 00:16:26,320

in the way that you faced the emergency

320

00:16:31,430 --> 00:16:28,800

so on the eve of your return how are you

321

00:16:34,870 --> 00:16:31,440

thinking about that experience and would

322

00:16:38,790 --> 00:16:36,470

first of all welcome aboard

323

00:16:41,910 --> 00:16:38,800

i will immediately answer to the final

324

00:16:47,110 --> 00:16:44,790

the desire to come back out started the

325

00:16:48,550 --> 00:16:47,120

moment we closed the hatch i would have

326

00:16:50,230 --> 00:16:48,560

wanted to take the water out of the

327

00:16:52,550 --> 00:16:50,240

helmet and go right back out to finish

328

00:16:55,990 --> 00:16:52,560

my work so for me

329

00:17:00,790 --> 00:16:58,230

point the only moment that is somewhat

330

00:17:03,189 --> 00:17:00,800

incomplete is the sensation that this

331

00:17:04,710 --> 00:17:03,199

feeling that i would like to be able to

332

00:17:07,270 --> 00:17:04,720

go back out and finish the work i

333

00:17:09,189 --> 00:17:07,280

started with chris

334

00:17:10,549 --> 00:17:09,199

what am i left with this experience i

335

00:17:12,309 --> 00:17:10,559

always say this

336

00:17:14,870 --> 00:17:12,319

when you consider an experience in its

337

00:17:17,350 --> 00:17:14,880

entirety any experience

338

00:17:19,429 --> 00:17:17,360

builds memories

339

00:17:21,909 --> 00:17:19,439

memories that are always almost always

340

00:17:22,870 --> 00:17:21,919

positive so for me that experience ended

341

00:17:25,990 --> 00:17:22,880

up well

342

00:17:28,230 --> 00:17:26,000

so it was resolved without any any

343

00:17:30,230 --> 00:17:28,240

following issues so the thing that will

344

00:17:34,390 --> 00:17:30,240

stay with me is another moment for my

345

00:17:36,710 --> 00:17:34,400

career as as a as an experimental pilot

346

00:17:39,430 --> 00:17:36,720

as a fighter pilot um times when i've

347

00:17:41,270 --> 00:17:39,440

had to solve problems right there in the

348

00:17:43,029 --> 00:17:41,280

moment which fortunately with a little

349

00:17:44,710 --> 00:17:43,039

bit of luck and training

350

00:17:45,669 --> 00:17:44,720

and and all the training that i've had

351  
00:17:48,390 --> 00:17:45,679  
before

352  
00:17:49,909 --> 00:17:48,400  
throughout my life as a pilot in the uh

353  
00:17:52,470 --> 00:17:49,919  
air force

354  
00:17:55,350 --> 00:17:52,480  
so we were able to resolve the emergency

355  
00:18:11,909 --> 00:17:55,360  
well so i would be ready to go back out

356  
00:18:15,750 --> 00:18:12,830  
the

357  
00:18:17,590 --> 00:18:15,760  
future what what is your future going to

358  
00:18:19,029 --> 00:18:17,600  
be and what other records are you going

359  
00:18:22,390 --> 00:18:19,039  
to be setting

360  
00:18:25,270 --> 00:18:22,400  
ciao giorgio hi giorgio

361  
00:18:28,150 --> 00:18:25,280  
it's hard to say now

362  
00:18:30,310 --> 00:18:28,160  
for too long i've lived thinking about

363  
00:18:32,710 --> 00:18:30,320

what was going to happen next

364

00:18:34,950 --> 00:18:32,720

so now i'm going to focus on just

365

00:18:36,230 --> 00:18:34,960

enjoying and living my experience day by

366

00:18:37,669 --> 00:18:36,240

day so

367

00:18:39,990 --> 00:18:37,679

for now my

368

00:18:42,549 --> 00:18:40,000

focus is

369

00:18:43,510 --> 00:18:42,559

on the next event which is the return to

370

00:18:45,270 --> 00:18:43,520

earth

371

00:18:47,830 --> 00:18:45,280

we have a lot of procedures to follow

372

00:18:49,909 --> 00:18:47,840

they're complex our re-entry is very

373

00:18:52,310 --> 00:18:49,919

complex and dynamic

374

00:18:53,590 --> 00:18:52,320

with with very active phases so i'm

375

00:18:56,870 --> 00:18:53,600

focusing on that

376

00:18:58,070 --> 00:18:56,880

as far as the future goes i think

377

00:18:59,590 --> 00:18:58,080

i can only talk about the immediate

378

00:19:01,669 --> 00:18:59,600

future

379

00:19:03,909 --> 00:19:01,679

so i'm thinking about my colleague

380

00:19:06,470 --> 00:19:03,919

samantha cristoforetti who is going to

381

00:19:09,430 --> 00:19:06,480

live leave next year

382

00:19:11,590 --> 00:19:09,440

my my main

383

00:19:14,710 --> 00:19:11,600

is to be able to talk with her

384

00:19:16,390 --> 00:19:14,720

and collaborate with her and prepare her

385

00:19:18,470 --> 00:19:16,400

so that she can give her best in the

386

00:19:21,190 --> 00:19:18,480

mission she will do that for sure but if

387

00:19:24,150 --> 00:19:21,200

i can contribute

388

00:19:25,990 --> 00:19:24,160

since my experience is so fresh it will

389

00:19:33,990 --> 00:19:26,000

be a pleasure to be able to work with

390

00:19:34,000 --> 00:19:37,590

another question for luca

391

00:19:41,430 --> 00:19:39,190

what do you

392

00:19:44,470 --> 00:19:41,440

what is expecting you

393

00:19:46,070 --> 00:19:44,480

once you come back to earth

394

00:19:48,789 --> 00:19:46,080

so this you should be telling me that

395

00:19:50,870 --> 00:19:48,799

because i'm up here so i don't know what

396

00:20:05,270 --> 00:19:50,880

what's uh waiting

397

00:20:08,789 --> 00:20:06,789

medically and scientifically what

398

00:20:10,390 --> 00:20:08,799

happened once we get back to earth i

399

00:20:11,669 --> 00:20:10,400

will let you know that the first images

400

00:20:13,909 --> 00:20:11,679

that you will see

401  
00:20:14,789 --> 00:20:13,919  
will be our recovery crew that is going

402  
00:20:16,630 --> 00:20:14,799  
to

403  
00:20:19,029 --> 00:20:16,640  
lift us up

404  
00:20:20,789 --> 00:20:19,039  
and take us away onto some couches now

405  
00:20:22,149 --> 00:20:20,799  
that's not because we don't know how to

406  
00:20:23,350 --> 00:20:22,159  
walk

407  
00:20:24,549 --> 00:20:23,360  
but to prevent

408  
00:20:27,669 --> 00:20:24,559  
any sort of

409  
00:20:29,830 --> 00:20:27,679  
effect of gravity on our organism

410  
00:20:30,789 --> 00:20:29,840  
and let the scientists

411  
00:20:35,430 --> 00:20:30,799  
to

412  
00:20:38,310 --> 00:20:35,440  
completely

413  
00:20:40,070 --> 00:20:38,320

not used to the uh gravity effect

414

00:20:41,029 --> 00:20:40,080

so the first few hours are going to be

415

00:20:43,029 --> 00:20:41,039

about

416

00:20:45,190 --> 00:20:43,039

taking samples

417

00:20:46,789 --> 00:20:45,200

then theodore will be taken to star city

418

00:21:01,190 --> 00:20:46,799

in russia

419

00:21:05,510 --> 00:21:03,430

where they will continue some studies

420

00:21:07,350 --> 00:21:05,520

for several several days some

421

00:21:09,990 --> 00:21:07,360

physiological studies

422

00:21:11,270 --> 00:21:10,000

and then a rehab period to allow us to

423

00:21:14,470 --> 00:21:11,280

come back

424

00:21:14,480 --> 00:21:21,590

so that we can uh resume working here

425

00:21:27,350 --> 00:21:24,870

paulo dangerous a question for the crew

426  
00:21:30,230 --> 00:21:27,360  
for the commander turin you promised

427  
00:21:31,430 --> 00:21:30,240  
that surprise with the torch

428  
00:21:49,110 --> 00:21:31,440  
will be

429  
00:21:49,120 --> 00:21:53,110  
it is not planned to

430  
00:22:00,710 --> 00:21:56,310  
to magnify anything convert

431  
00:22:03,909 --> 00:22:00,720  
of the station including climbing torch

432  
00:22:05,909 --> 00:22:03,919  
but we'll follow all the symbolic

433  
00:22:13,350 --> 00:22:05,919  
requirements and

434  
00:22:17,669 --> 00:22:15,190  
station this is houston acr that

435  
00:22:19,750 --> 00:22:17,679  
concludes the esa portion of the event

436  
00:22:35,430 --> 00:22:19,760  
please stand by for a voice check from

437  
00:22:43,430 --> 00:22:37,029  
loud and clear

438  
00:22:48,070 --> 00:22:46,470

okay uh uh you're actually start of a

439

00:23:05,909 --> 00:22:48,080  
portion of the conference so first

440

00:23:05,919 --> 00:23:39,430  
uh

441

00:23:44,870 --> 00:23:41,430  
and we have to confirm these various

442

00:23:46,470 --> 00:23:44,880  
devices so um there aren't

443

00:23:48,830 --> 00:23:46,480  
much um there

444

00:23:50,950 --> 00:23:48,840  
isn't much for me to do but to

445

00:23:54,070 --> 00:23:50,960  
confirm to convert the location of the

446

00:23:56,310 --> 00:23:54,080  
various facilities the switches and for

447

00:23:59,590 --> 00:23:56,320  
example the tools to carry out the

448

00:24:01,590 --> 00:23:59,600  
repair i've been checking out and these

449

00:24:04,789 --> 00:24:01,600  
various devices and that's how i'm

450

00:24:06,870 --> 00:24:04,799  
spending my time now but um

451

00:24:09,830 --> 00:24:06,880

it's about four years since i was last

452

00:24:13,669 --> 00:24:09,840

here it's i feel like i've i'm back to

453

00:24:14,630 --> 00:24:13,679

my old workplace and i'm very keen to

454

00:24:16,710 --> 00:24:14,640

start

455

00:24:22,070 --> 00:24:16,720

the experiments i think i can go right

456

00:24:26,950 --> 00:24:25,750

from kyodo news and to dr wakato

457

00:24:28,950 --> 00:24:26,960

dr

458

00:24:31,669 --> 00:24:28,960

it's the first time that you go to

459

00:24:34,630 --> 00:24:31,679

you've gone to space and also the second

460

00:24:36,470 --> 00:24:34,640

time that you're staying at the iss have

461

00:24:39,350 --> 00:24:36,480

do you feel that something has changed

462

00:24:41,830 --> 00:24:39,360

something is different this time and

463

00:24:44,230 --> 00:24:41,840

next year you will become the commander

464

00:24:58,230 --> 00:24:44,240

so what is your motivation

465

00:25:02,789 --> 00:25:00,870

and at that time i was i mean the last

466

00:25:05,990 --> 00:25:02,799

phase of assembling kibo the

467

00:25:08,710 --> 00:25:06,000

experimental module and at the station

468

00:25:11,269 --> 00:25:08,720

there are several other new additional

469

00:25:14,390 --> 00:25:11,279

modules added especially the earth

470

00:25:16,549 --> 00:25:14,400

observation cupra and the

471

00:25:20,470 --> 00:25:16,559

module with a lot of windows has been

472

00:25:25,669 --> 00:25:20,480

installed and we can view the earth from

473

00:25:27,990 --> 00:25:25,679

the windows um and you can see the earth

474

00:25:29,750 --> 00:25:28,000

and i think that this view was not

475

00:25:32,230 --> 00:25:29,760

something that we can see in the past

476  
00:25:33,590 --> 00:25:32,240  
with the other modules so this is really

477  
00:25:35,669 --> 00:25:33,600  
impressive

478  
00:25:37,830 --> 00:25:35,679  
well about the megami commander well

479  
00:25:38,789 --> 00:25:37,840  
theodore is here for your dollar is here

480  
00:25:54,710 --> 00:25:38,799  
and

481  
00:25:57,110 --> 00:25:54,720  
the

482  
00:25:59,909 --> 00:25:57,120  
station i think i was blessed with

483  
00:26:01,830 --> 00:25:59,919  
various leaders who have worked above me

484  
00:26:05,190 --> 00:26:01,840  
and i would like to implement what i've

485  
00:26:07,269 --> 00:26:05,200  
learned from my predecessors um and try

486  
00:26:30,870 --> 00:26:07,279  
to work so that i can extract all the

487  
00:26:30,880 --> 00:26:44,549  
would you like to uh give your thoughts

488  
00:26:47,190 --> 00:26:45,350

is

489

00:26:49,750 --> 00:26:47,200

playing very important role in

490

00:26:52,789 --> 00:26:49,760

international space station and i really

491

00:26:55,029 --> 00:26:52,799

feel that when i am there and the

492

00:26:57,909 --> 00:26:55,039

assembly of uh

493

00:26:59,990 --> 00:26:57,919

was completed in 2009

494

00:27:02,070 --> 00:27:00,000

and it's been operating

495

00:27:04,549 --> 00:27:02,080

uh properly and there are a lot of

496

00:27:06,390 --> 00:27:04,559

results coming out from the

497

00:27:09,269 --> 00:27:06,400

japan experiment module

498

00:27:10,390 --> 00:27:09,279

so people from the world collaborate and

499

00:27:11,430 --> 00:27:10,400

expand

500

00:27:13,590 --> 00:27:11,440

the

501  
00:27:15,590 --> 00:27:13,600  
boundary of activity and japan is

502  
00:27:17,269 --> 00:27:15,600  
playing very important role there

503  
00:27:20,549 --> 00:27:17,279  
and i feel

504  
00:27:23,590 --> 00:27:20,559  
pride in taking part in there and would

505  
00:27:26,070 --> 00:27:23,600  
like to uh accomplish and the mission

506  
00:27:29,029 --> 00:27:26,080  
that i have to do

507  
00:27:31,669 --> 00:27:29,039  
i'm kaneko of nbs i'd like those that

508  
00:27:35,269 --> 00:27:31,679  
can talk about kata

509  
00:27:37,510 --> 00:27:35,279  
so you are now uh this time you had the

510  
00:27:39,669 --> 00:27:37,520  
flow flow through with the six hours

511  
00:27:42,310 --> 00:27:39,679  
very short flight so it must have been

512  
00:27:44,149 --> 00:27:42,320  
very busy for you so would you give us

513  
00:27:47,350 --> 00:27:44,159

your impression about uh getting on the

514

00:27:50,789 --> 00:27:47,360

very fast track ride to iss

515

00:27:51,990 --> 00:27:50,799

well uh docking with only four

516

00:27:54,389 --> 00:27:52,000

rounds

517

00:27:56,549 --> 00:27:54,399

and tooling uh mr

518

00:27:59,750 --> 00:27:56,559

chilean and also rick must miss turkey

519

00:28:02,630 --> 00:27:59,760

they did a great work so with only four

520

00:28:05,110 --> 00:28:02,640

rounds on orbit

521

00:28:06,950 --> 00:28:05,120

everything went very smooth

522

00:28:07,750 --> 00:28:06,960

we were launched from kazakhstan and it

523

00:28:11,029 --> 00:28:07,760

was

524

00:28:13,990 --> 00:28:11,039

much quicker than flying to japan to

525

00:28:16,230 --> 00:28:14,000

reach to iss it was only six hours in

526

00:28:18,789 --> 00:28:16,240

very short period of time and we can go

527

00:28:21,830 --> 00:28:18,799

and come back to earth in very short

528

00:28:24,389 --> 00:28:21,840

time so russia have such a capability

529

00:28:27,110 --> 00:28:24,399

manned space capability and i feel very

530

00:28:30,789 --> 00:28:27,120

uh respect for the capability and the

531

00:28:31,990 --> 00:28:30,799

time was very short so uh adjustment to

532

00:28:33,909 --> 00:28:32,000

space

533

00:28:38,870 --> 00:28:33,919

is actually going

534

00:28:40,950 --> 00:28:39,669

uh

535

00:28:52,710 --> 00:28:40,960

sugar

536

00:28:57,350 --> 00:28:54,549

i'd like to ask specifically about the

537

00:28:58,870 --> 00:28:57,360

mission about the release of the small

538

00:28:59,590 --> 00:28:58,880

satellite

539

00:29:03,990 --> 00:28:59,600

and

540

00:29:05,750 --> 00:29:04,000

this small satellite

541

00:29:07,909 --> 00:29:05,760

also amongst the various satellites

542

00:29:09,830 --> 00:29:07,919

you'll be releasing do you have anything

543

00:29:20,630 --> 00:29:09,840

one that you think will be especially

544

00:29:26,230 --> 00:29:23,190

as for the release of the satellites um

545

00:29:28,789 --> 00:29:26,240

i think that various um developers

546

00:29:31,190 --> 00:29:28,799

researchers have worked hard to develop

547

00:29:33,750 --> 00:29:31,200

and produce css i want to work hard to

548

00:29:36,149 --> 00:29:33,760

release all of them now about the

549

00:29:36,950 --> 00:29:36,159

release of these small satellites um

550

00:29:39,909 --> 00:29:36,960

this

551  
00:29:41,590 --> 00:29:39,919  
is um because we have kibo and i think

552  
00:29:44,950 --> 00:29:41,600  
um that um this is the mission which

553  
00:29:48,310 --> 00:29:44,960  
will tap on the capability of kibble um

554  
00:29:50,870 --> 00:29:48,320  
there's the airlock um

555  
00:29:53,909 --> 00:29:50,880  
the human airlock and

556  
00:29:55,669 --> 00:29:53,919  
there will be the eva um

557  
00:29:57,990 --> 00:29:55,679  
russia and the united states you have

558  
00:30:00,630 --> 00:29:58,000  
the airlock for people to

559  
00:30:02,710 --> 00:30:00,640  
exit and enter but um

560  
00:30:06,070 --> 00:30:02,720  
it is only the gem which can release

561  
00:30:09,269 --> 00:30:06,080  
these satellites and devices and um

562  
00:30:11,430 --> 00:30:09,279  
we will be releasing from kibo and um i

563  
00:30:13,430 --> 00:30:11,440

think that um this will be a mission

564

00:30:17,510 --> 00:30:13,440

which will be leveraging on the

565

00:30:20,830 --> 00:30:19,029

dr wakata

566

00:30:22,710 --> 00:30:20,840

organi from nhk

567

00:30:24,710 --> 00:30:22,720

uh

568

00:30:28,310 --> 00:30:24,720

again a question regarding you are

569

00:30:30,870 --> 00:30:28,320

becoming a commander as commander

570

00:30:32,549 --> 00:30:30,880

um you want to exert leadership in

571

00:30:35,110 --> 00:30:32,559

creating harmony

572

00:30:37,350 --> 00:30:35,120

um can you explain to us how you want to

573

00:30:40,149 --> 00:30:37,360

achieve this goal

574

00:30:47,029 --> 00:30:40,159

and express to us your commitment and

575

00:30:53,269 --> 00:30:49,750

thank you for your support

576

00:30:55,590 --> 00:30:53,279

we have nine members colleagues here but

577

00:30:59,509 --> 00:30:55,600

each of the astronauts have high

578

00:31:03,110 --> 00:30:59,519

capability experience and techniques and

579

00:31:06,070 --> 00:31:03,120

um all nine have their strong ambition i

580

00:31:06,950 --> 00:31:06,080

mean carrying out the mission i think

581

00:31:09,669 --> 00:31:06,960

that

582

00:31:12,389 --> 00:31:09,679

in order to exert the

583

00:31:14,389 --> 00:31:12,399

results as a team we have to work

584

00:31:16,710 --> 00:31:14,399

together with everyone

585

00:31:19,509 --> 00:31:16,720

even the people on the ground in houston

586

00:31:21,269 --> 00:31:19,519

moscow et cetera and we have to work

587

00:31:23,430 --> 00:31:21,279

hard and i have to

588

00:31:26,230 --> 00:31:23,440

function as commander to try to leverage

589

00:31:28,950 --> 00:31:26,240

all the capabilities that are available

590

00:31:31,029 --> 00:31:28,960

to us harmony is important communication

591

00:31:37,430 --> 00:31:31,039

will be vital in carrying out the

592

00:31:44,950 --> 00:31:39,269

of nvs

593

00:31:51,029 --> 00:31:48,789

probably olympic athletes and

594

00:31:53,990 --> 00:31:51,039

astronauts are similar

595

00:31:56,230 --> 00:31:54,000

and you uh at this time bringing up

596

00:32:08,789 --> 00:31:56,240

olympic torches so would you like to

597

00:32:08,799 --> 00:32:13,110

olympic

598

00:32:15,430 --> 00:32:14,389

best and athlete

599

00:32:18,950 --> 00:32:15,440

bring up

600

00:32:22,310 --> 00:32:18,960

great results and olympics

601  
00:32:23,909 --> 00:32:22,320  
people get together and have

602  
00:32:26,630 --> 00:32:23,919  
good

603  
00:32:28,070 --> 00:32:26,640  
communication and do their best

604  
00:32:29,669 --> 00:32:28,080  
you know to

605  
00:32:32,549 --> 00:32:29,679  
their capability

606  
00:32:35,110 --> 00:32:32,559  
and space exploration is very similar

607  
00:32:36,549 --> 00:32:35,120  
it's the type of activity that expands

608  
00:32:39,269 --> 00:32:36,559  
the

609  
00:32:49,269 --> 00:32:39,279  
human activity so bringing up olympic

610  
00:33:01,509 --> 00:32:52,870  
so i am very happy to be part of it

611  
00:33:06,310 --> 00:33:03,269  
tomorrow is going to be wonderful done

612  
00:33:08,950 --> 00:33:06,320  
by russian people also i hope that the

613  
00:33:18,149 --> 00:33:08,960

japanese japanese athletes would do very

614

00:33:24,710 --> 00:33:20,070

station this is houston acr that

615

00:33:29,430 --> 00:33:27,350

welcome with our pleasure

616

00:33:30,950 --> 00:33:29,440

and station houston thank you all