



1
00:00:07,269 --> 00:00:04,470
and station this is houston are you guys

2
00:00:12,470 --> 00:00:10,310
go ahead we are ready

3
00:00:14,070 --> 00:00:12,480
and jscpao this is mission control

4
00:00:15,190 --> 00:00:14,080
houston please call station for a voice

5
00:00:17,590 --> 00:00:15,200
check

6
00:00:21,429 --> 00:00:17,600
station this is jscpao how do you hear

7
00:00:25,990 --> 00:00:23,990
loud and clear welcome to station

8
00:00:29,589 --> 00:00:26,000
great our first question will be from

9
00:00:32,389 --> 00:00:29,599
gina sinceri with abc

10
00:00:34,150 --> 00:00:32,399
uh good morning iss this question is for

11
00:00:36,709 --> 00:00:34,160
karen nyberg

12
00:00:39,590 --> 00:00:36,719
you've had uh quite the experience

13
00:00:40,389 --> 00:00:39,600

creating uh items up in space for your

14

00:00:42,150 --> 00:00:40,399

son

15

00:00:44,869 --> 00:00:42,160

tell me a little bit about that and what

16

00:00:47,910 --> 00:00:44,879

ingenuity that's taken

17

00:00:49,430 --> 00:00:47,920

it actually took me uh quite a bit of

18

00:00:51,350 --> 00:00:49,440

time to get some momentum to get

19

00:00:53,350 --> 00:00:51,360

something made i had a lot of

20

00:00:55,430 --> 00:00:53,360

expectations and hopes with stuff i

21

00:00:57,270 --> 00:00:55,440

brought with me but uh finally it

22

00:00:59,029 --> 00:00:57,280

actually it was the day that

23

00:01:01,110 --> 00:00:59,039

that cygnus was supposed to arrive and

24

00:01:03,110 --> 00:01:01,120

it was delayed and so we had a whole day

25

00:01:07,670 --> 00:01:03,120

it was a sunday off and and that's when

26
00:01:10,630 --> 00:01:09,030
bill harwood we're ready for your

27
00:01:13,590 --> 00:01:10,640
question

28
00:01:15,270 --> 00:01:13,600
little preview of what you're looking

29
00:01:16,710 --> 00:01:15,280
forward to coming home you've been away

30
00:01:18,630 --> 00:01:16,720
a long time obviously you've got a

31
00:01:21,030 --> 00:01:18,640
dramatic ride coming up tell us a little

32
00:01:22,950 --> 00:01:21,040
bit about what you're looking forward to

33
00:01:25,109 --> 00:01:22,960
yeah i think the ride is going to be

34
00:01:26,630 --> 00:01:25,119
going to be a wild ride and a lot of fun

35
00:01:27,990 --> 00:01:26,640
but more than anything i'm of course

36
00:01:30,230 --> 00:01:28,000
looking forward to seeing my husband and

37
00:01:32,870 --> 00:01:30,240
my son

38
00:01:35,910 --> 00:01:32,880

okay moving on we will go with elizabeth

39

00:01:37,670 --> 00:01:35,920

howell with universe today

40

00:01:41,030 --> 00:01:37,680

hello what sort of modifications have

41

00:01:43,510 --> 00:01:41,040

you made to fit nine people on board

42

00:01:45,270 --> 00:01:43,520

hi this is luca parmitano so one of the

43

00:01:47,510 --> 00:01:45,280

one of the things we had to do was

44

00:01:51,190 --> 00:01:47,520

actually make space for them we had to

45

00:01:52,389 --> 00:01:51,200

move our our soyuz which was docked

46

00:01:55,030 --> 00:01:52,399

to the

47

00:01:56,789 --> 00:01:55,040

mrm port we moved to a different port so

48

00:01:58,230 --> 00:01:56,799

that the new crew could get there so

49

00:02:00,709 --> 00:01:58,240

that was the first modification we had

50

00:02:02,709 --> 00:02:00,719

to make and then also we had to adjust

51

00:02:03,830 --> 00:02:02,719

for emergency procedure

52

00:02:06,310 --> 00:02:03,840

all our

53

00:02:07,830 --> 00:02:06,320

procedures are trained and worked out

54

00:02:10,550 --> 00:02:07,840

for acres six

55

00:02:12,470 --> 00:02:10,560

now we are nine and so we had to come up

56

00:02:13,430 --> 00:02:12,480

with a way to response in case something

57

00:02:15,670 --> 00:02:13,440

happens

58

00:02:17,910 --> 00:02:15,680

and the last last modification but

59

00:02:20,630 --> 00:02:17,920

probably the most important for everyday

60

00:02:22,390 --> 00:02:20,640

life was find a space for for the crew

61

00:02:24,630 --> 00:02:22,400

to sleep so

62

00:02:26,390 --> 00:02:24,640

in the end we decided that the old crew

63

00:02:29,270 --> 00:02:26,400

uh as seniority and would stay in the

64

00:02:30,790 --> 00:02:29,280

crew quarters that we had before and the

65

00:02:33,750 --> 00:02:30,800

new crew was uh

66

00:02:35,589 --> 00:02:33,760

kind enough to uh just uh pick one of

67

00:02:36,390 --> 00:02:35,599

the modules they're all nice spacious

68

00:02:44,630 --> 00:02:36,400

and

69

00:02:46,150 --> 00:02:44,640

or bill harwood with cbs if you have a

70

00:02:48,070 --> 00:02:46,160

follow-up

71

00:02:49,430 --> 00:02:48,080

yes i do i have a question for sergey if

72

00:02:51,270 --> 00:02:49,440

i could could you tell us a little bit

73

00:02:53,350 --> 00:02:51,280

about your spacewalk and the olympic

74

00:02:55,589 --> 00:02:53,360

torch exactly what you plan to do with

75

00:02:58,630 --> 00:02:55,599

it and how important that is to russia

76

00:02:59,830 --> 00:02:58,640

to show that torch up in space

77

00:03:01,350 --> 00:02:59,840

well

78

00:03:03,670 --> 00:03:01,360

this is really

79

00:03:10,710 --> 00:03:03,680

a really interesting adventure

80

00:03:15,030 --> 00:03:11,990

and

81

00:03:19,830 --> 00:03:15,040

i'm honestly looking forward to this my

82

00:03:21,750 --> 00:03:19,840

first in a live space work we will

83

00:03:25,830 --> 00:03:21,760

perform

84

00:03:29,190 --> 00:03:25,840

a usual eva with some special tasks to

85

00:03:31,270 --> 00:03:29,200

make photos and video with olympic torch

86

00:03:33,110 --> 00:03:31,280

and this is

87

00:03:36,070 --> 00:03:33,120

some part of official

88

00:03:38,309 --> 00:03:36,080

olympic torch relay that is

89

00:03:40,149 --> 00:03:38,319

now in our country

90

00:03:43,350 --> 00:03:40,159

um

91

00:03:51,990 --> 00:03:43,360

that's all maybe alec will add something

92

00:03:57,270 --> 00:03:55,350

okay no problem um so um if you were to

93

00:03:58,710 --> 00:03:57,280

be able to have a crew of nine up there

94

00:03:59,990 --> 00:03:58,720

regularly can you talk a little bit

95

00:04:02,149 --> 00:04:00,000

about

96

00:04:04,869 --> 00:04:02,159

how much more science could be done and

97

00:04:09,190 --> 00:04:04,879

also what facilities would need to be

98

00:04:12,070 --> 00:04:10,229

i think

99

00:04:13,110 --> 00:04:12,080

absolutely moving to nine people is

100

00:04:14,390 --> 00:04:13,120

doable

101

00:04:15,990 --> 00:04:14,400

as far as the science and it would be

102

00:04:18,229 --> 00:04:16,000

fantastic you know for a long time we

103

00:04:20,550 --> 00:04:18,239

had three crew members here and when we

104

00:04:21,990 --> 00:04:20,560

moved to six that was a big jump

105

00:04:23,590 --> 00:04:22,000

one of the things really to be concerned

106

00:04:26,150 --> 00:04:23,600

about though is

107

00:04:28,230 --> 00:04:26,160

our environmental control system and

108

00:04:29,749 --> 00:04:28,240

co2 production of course will be

109

00:04:32,230 --> 00:04:29,759

increased and then our systems have to

110

00:04:34,710 --> 00:04:32,240

keep up with that and also the

111

00:04:36,629 --> 00:04:34,720

consumables and the supplies we need

112

00:04:38,629 --> 00:04:36,639

i think certainly making up the science

113

00:04:41,270 --> 00:04:38,639

for us to do

114

00:04:42,870 --> 00:04:41,280

would be very doable i think the harder

115

00:04:46,310 --> 00:04:42,880

part would be getting the systems to

116

00:04:51,830 --> 00:04:48,150

okay thank you all that will be all from

117

00:04:54,469 --> 00:04:53,270

station this is houston acr that

118

00:04:56,150 --> 00:04:54,479

concludes the national portion of the

119

00:05:06,230 --> 00:04:56,160

event please stand by for a voice check

120

00:05:10,790 --> 00:05:09,430

my question is for the 10th crew member

121

00:05:13,430 --> 00:05:10,800

which is

122

00:05:16,150 --> 00:05:13,440

the olympic torch that has been

123

00:05:18,790 --> 00:05:16,160

on the station for 24 hours already i

124

00:05:35,990 --> 00:05:18,800

wonder where it spent tonight and what

125

00:05:43,189 --> 00:05:41,029

was the first person that entered

126

00:05:45,909 --> 00:05:43,199

the international space station with the

127

00:05:48,870 --> 00:05:45,919

torch after that

128

00:05:52,070 --> 00:05:48,880

every crew member held the torch in his

129

00:05:53,430 --> 00:05:52,080

or her hands

130

00:05:56,710 --> 00:05:53,440

each of us

131

00:05:58,309 --> 00:05:56,720

flew through the station starting with

132

00:06:00,629 --> 00:05:58,319

the japanese

133

00:06:02,469 --> 00:06:00,639

module by koichi then

134

00:06:05,270 --> 00:06:02,479

luca picked it up

135

00:06:07,510 --> 00:06:05,280

and went through the european module

136

00:06:08,550 --> 00:06:07,520

then michael hopkins

137

00:06:11,430 --> 00:06:08,560

took

138

00:06:15,110 --> 00:06:13,510

karen nyberg

139

00:06:17,189 --> 00:06:15,120

flew through

140

00:06:19,270 --> 00:06:17,199

destiny through the lab then rick

141

00:06:20,870 --> 00:06:19,280

mastracchio took over

142

00:06:23,350 --> 00:06:20,880

then mikhail turin took it over then

143

00:06:29,830 --> 00:06:23,360

sergey zanski took it and alec kotov

144

00:06:36,550 --> 00:06:31,909

in the russian segment

145

00:06:40,390 --> 00:06:39,430

right now we have nine crew members on

146

00:06:42,230 --> 00:06:40,400

board

147

00:06:43,189 --> 00:06:42,240

that's a lot of people usually have only

148

00:06:44,390 --> 00:06:43,199

six

149

00:06:49,110 --> 00:06:44,400

i'm sure

150

00:06:52,550 --> 00:06:51,110

tell us about it

151
00:06:55,749 --> 00:06:52,560
in fact

152
00:06:58,230 --> 00:06:55,759
nine people is not the limit of how many

153
00:07:01,350 --> 00:06:58,240
people the station can accommodate we

154
00:07:03,029 --> 00:07:01,360
used to have 13 people here at the time

155
00:07:05,990 --> 00:07:03,039
when the shuttle crews

156
00:07:09,749 --> 00:07:06,000
were able to arrive here

157
00:07:12,950 --> 00:07:09,759
she remembers those days

158
00:07:15,749 --> 00:07:12,960
that's why i can say that

159
00:07:19,029 --> 00:07:15,759
system station the systems of the

160
00:07:21,029 --> 00:07:19,039
station are able to accommodate

161
00:07:22,309 --> 00:07:21,039
nine people of course we have more

162
00:07:23,830 --> 00:07:22,319
people but

163
00:07:25,909 --> 00:07:23,840

it is not

164

00:07:28,309 --> 00:07:25,919

um

165

00:07:32,309 --> 00:07:28,319

creating obstacles and we are preparing

166

00:07:35,110 --> 00:07:32,319

for eva tomorrow we are preparing for

167

00:07:36,070 --> 00:07:35,120

fiordles crew to return

168

00:07:37,749 --> 00:07:36,080

soon

169

00:07:39,909 --> 00:07:37,759

everything is going fine

170

00:07:42,469 --> 00:07:39,919

hi my name is lindsay france from russia

171

00:07:45,110 --> 00:07:42,479

today my question is for oleg kotov and

172

00:07:47,350 --> 00:07:45,120

sergey ryazanskiy uh the phrases that

173

00:07:49,189 --> 00:07:47,360

gagarin and armstrong said on their

174

00:07:52,309 --> 00:07:49,199

pioneering space endeavors became

175

00:07:53,909 --> 00:07:52,319

historic the famous talyak or let's go

176

00:07:56,629 --> 00:07:53,919

by gagarin

177

00:07:58,469 --> 00:07:56,639

and be one small step by armstrong have

178

00:07:59,990 --> 00:07:58,479

you ever maybe thought of a catchphrase

179

00:08:16,469 --> 00:08:00,000

you will use when you take the olympic

180

00:08:20,629 --> 00:08:19,350

if it is something important

181

00:08:23,510 --> 00:08:20,639

it needs

182

00:08:25,350 --> 00:08:23,520

to be followed up with some kind of set

183

00:08:27,350 --> 00:08:25,360

of words

184

00:08:30,230 --> 00:08:27,360

probably we will just uh

185

00:08:35,990 --> 00:08:33,269

forward the olympic games uh general

186

00:08:39,350 --> 00:08:36,000

health and athletics activities in the

187

00:08:42,630 --> 00:08:39,360

whole world we are not going to be too

188

00:08:44,790 --> 00:08:42,640

and now original for alex and sergey

189

00:08:47,030 --> 00:08:44,800

please tell us a little more what

190

00:08:49,190 --> 00:08:47,040

exactly is going to happen how you are

191

00:08:51,590 --> 00:08:49,200

going to hand over the torch

192

00:08:57,590 --> 00:08:51,600

what exactly you are going to do with it

193

00:09:02,389 --> 00:09:00,389

once again i'll have to say that

194

00:09:04,630 --> 00:09:02,399

this is not the only task that we are

195

00:09:05,910 --> 00:09:04,640

going to have this will be just one

196

00:09:08,710 --> 00:09:05,920

stage

197

00:09:11,910 --> 00:09:08,720

of the whole session of activities

198

00:09:14,870 --> 00:09:11,920

outside the station this time

199

00:09:17,509 --> 00:09:14,880

we are going to move along the

200

00:09:19,509 --> 00:09:17,519

outside of the russian segment and we

201
00:09:21,350 --> 00:09:19,519
will be symbolically symbolically

202
00:09:23,750 --> 00:09:21,360
handing over

203
00:09:26,710 --> 00:09:23,760
the torch from one crew member to the

204
00:09:28,790 --> 00:09:26,720
other we will repeat that

205
00:09:29,829 --> 00:09:28,800
a couple of three times to make sure we

206
00:09:31,829 --> 00:09:29,839
will have

207
00:09:34,470 --> 00:09:31,839
a pretty picture to make sure the whole

208
00:09:36,870 --> 00:09:34,480
world and our country

209
00:09:39,269 --> 00:09:36,880
will see the torch

210
00:09:42,230 --> 00:09:39,279
in a nice way that it is with the

211
00:09:43,750 --> 00:09:42,240
background of the earth and black space

212
00:09:44,790 --> 00:09:43,760
will be

213
00:09:47,910 --> 00:09:44,800

on the

214

00:09:50,310 --> 00:09:47,920

russian segment so it is a sort of a

215

00:09:53,350 --> 00:09:50,320

creative task it is technically

216

00:09:55,350 --> 00:09:53,360

challenging and we hope for success

217

00:09:57,910 --> 00:09:55,360

thank you

218

00:09:59,590 --> 00:09:57,920

i have a question for you your chicken

219

00:10:01,910 --> 00:09:59,600

on the 11th

220

00:10:05,750 --> 00:10:01,920

you're supposed to return the torch back

221

00:10:08,550 --> 00:10:05,760

to earth i wonder if special ceremonies

222

00:10:13,030 --> 00:10:08,560

are planned on saying goodbye to the

223

00:10:17,910 --> 00:10:14,790

of course

224

00:10:21,750 --> 00:10:20,630

we are not only saying bye to the

225

00:10:23,829 --> 00:10:21,760

olympic

226

00:10:26,470 --> 00:10:23,839

torch we've been working here for five

227

00:10:28,870 --> 00:10:26,480

and a half months

228

00:10:29,750 --> 00:10:28,880

each of us of course is missing home a

229

00:10:31,990 --> 00:10:29,760

lot

230

00:10:34,630 --> 00:10:32,000

we will have some touchy moments we will

231

00:10:37,910 --> 00:10:34,640

be saying farewell to our friends that

232

00:10:40,790 --> 00:10:37,920

are staying on the station

233

00:10:44,230 --> 00:10:40,800

alec and sergey will give the torch to

234

00:10:47,990 --> 00:10:46,230

this will be already the third space

235

00:10:49,590 --> 00:10:48,000

vehicle that the torch will be traveling

236

00:10:54,310 --> 00:10:49,600

on

237

00:10:56,470 --> 00:10:54,320

olympic committee

238

00:11:01,030 --> 00:10:56,480

so the main thing is

239

00:11:13,430 --> 00:11:03,110

and we will be there on the russian

240

00:11:18,470 --> 00:11:16,550

how torch is handling now uh seven or

241

00:11:21,829 --> 00:11:18,480

eight men on

242

00:11:33,190 --> 00:11:24,389

let's ask karen

243

00:11:37,910 --> 00:11:35,030

these guys are like a group of brothers

244

00:11:40,630 --> 00:11:37,920

for me um i i've been

245

00:11:43,350 --> 00:11:40,640

in a mechanical engineering field for

246

00:11:46,630 --> 00:11:43,360

for all most of my you know adult life

247

00:11:49,030 --> 00:11:46,640

and in that field i'm usually among 20

248

00:11:51,430 --> 00:11:49,040

percent or so female so i'm accustomed

249

00:11:56,389 --> 00:11:51,440

to that and these guys are all great so

250

00:12:01,269 --> 00:11:59,509

this is houston acr that concludes the

251
00:12:03,509 --> 00:12:01,279
mission control moscow portion of the

252
00:12:07,110 --> 00:12:03,519
event please stand by for a voice check

253
00:12:11,509 --> 00:12:09,670
station this is isabelle how can you

254
00:12:18,230 --> 00:12:11,519
hear me

255
00:12:23,990 --> 00:12:20,150
we're here in esrin and we are going

256
00:12:26,790 --> 00:12:24,000
with a question first question

257
00:12:32,150 --> 00:12:26,800
hello everybody this is andreana daquino

258
00:12:35,110 --> 00:12:32,160
speaking from rome indian quest agency

259
00:12:50,550 --> 00:12:35,120
my first question is for luca

260
00:12:50,560 --> 00:12:54,230
is that it didn't feel long at all

261
00:12:59,990 --> 00:12:56,790
these five and a half months went by in

262
00:13:02,550 --> 00:13:00,000
one moment with so many things happening

263
00:13:04,389 --> 00:13:02,560

a mission that was really full of

264

00:13:17,190 --> 00:13:04,399

specific events

265

00:13:22,710 --> 00:13:20,150

the arrival of the atv two evas even

266

00:13:24,470 --> 00:13:22,720

though one ended pretty quickly and then

267

00:13:26,710 --> 00:13:24,480

two more vehicles that arrived at

268

00:13:28,069 --> 00:13:26,720

station and were captured with the

269

00:13:29,910 --> 00:13:28,079

robotic arm

270

00:13:31,430 --> 00:13:29,920

one the japanese module and then the

271

00:13:36,389 --> 00:13:31,440

first uh

272

00:13:41,750 --> 00:13:39,269

with the movement of the soyuz

273

00:14:01,509 --> 00:13:41,760

and with the olympic torch so from my

274

00:14:04,790 --> 00:14:02,870

do you already have a feel for what

275

00:14:07,670 --> 00:14:04,800

you're going to be missing about space

276
00:14:10,629 --> 00:14:07,680
once you've returned

277
00:14:11,590 --> 00:14:10,639
paulo welcome on board

278
00:14:13,509 --> 00:14:11,600
in order

279
00:14:17,030 --> 00:14:13,519
i would have put the family then

280
00:14:18,870 --> 00:14:17,040
espresso pizza and everything else

281
00:14:20,710 --> 00:14:18,880
but when i think about

282
00:14:23,030 --> 00:14:20,720
it actually i'm trying not to think

283
00:14:24,150 --> 00:14:23,040
about coming back too much

284
00:14:25,189 --> 00:14:24,160
because even though i'm ready to come

285
00:14:27,509 --> 00:14:25,199
back

286
00:14:29,110 --> 00:14:27,519
and it's great to think about seeing my

287
00:14:31,189 --> 00:14:29,120
family again and

288
00:14:33,590 --> 00:14:31,199

feeling the warmth of people

289

00:14:35,670 --> 00:14:33,600
and human contact

290

00:14:37,189 --> 00:14:35,680
i think i will very much miss this

291

00:14:39,269 --> 00:14:37,199
environment

292

00:14:42,310 --> 00:14:39,279
it's hard to identify one thing i will

293

00:14:44,550 --> 00:14:42,320
miss everything really because station

294

00:14:47,590 --> 00:14:44,560
was my home for the past six months

295

00:14:49,509 --> 00:14:47,600
uh welcoming home a home where the work

296

00:14:51,189 --> 00:14:49,519
is very specific

297

00:14:52,790 --> 00:14:51,199
and it's different every day has a

298

00:14:55,750 --> 00:14:52,800
different event and there's never time

299

00:14:58,389 --> 00:14:55,760
to get bored and what the most beautiful

300

00:15:01,189 --> 00:14:58,399
view that you can think of

301

00:15:03,110 --> 00:15:01,199

so maybe if the day after tomorrow

302

00:15:05,590 --> 00:15:03,120

i should think about

303

00:15:07,910 --> 00:15:05,600

what i'm going to miss above all what

304

00:15:10,550 --> 00:15:07,920

i'm going to miss about everything

305

00:15:12,710 --> 00:15:10,560

is the idea of being here

306

00:15:13,829 --> 00:15:12,720

living weightless in this extraordinary

307

00:15:15,910 --> 00:15:13,839

world

308

00:15:18,069 --> 00:15:15,920

the view obviously

309

00:15:19,509 --> 00:15:18,079

what i'm able to see from the cupola is

310

00:15:21,829 --> 00:15:19,519

something that

311

00:15:23,590 --> 00:15:21,839

i think i will always bring with me but

312

00:15:26,310 --> 00:15:23,600

the physical sensation of being

313

00:15:30,550 --> 00:15:26,320

weightless is something that i think i

314

00:15:34,389 --> 00:15:32,230

hi everybody this is master nelly from

315

00:15:37,189 --> 00:15:34,399

static prevents quattro a question from

316

00:15:41,350 --> 00:15:38,870

i would like to come back to you to the

317

00:15:43,590 --> 00:15:41,360

second spacewalk

318

00:15:44,710 --> 00:15:43,600

the one that turned turned you into

319

00:15:47,829 --> 00:15:44,720

superman

320

00:15:50,230 --> 00:15:47,839

in the way that you faced the emergency

321

00:15:52,949 --> 00:15:50,240

so on the eve of your return how are you

322

00:15:56,310 --> 00:15:52,959

thinking about that experience and would

323

00:16:00,550 --> 00:15:58,470

first of all welcome aboard i will

324

00:16:03,350 --> 00:16:00,560

immediately answer to the final part of

325

00:16:08,550 --> 00:16:06,230

the desire to come back out started the

326

00:16:09,990 --> 00:16:08,560

moment we closed the hatch i would have

327

00:16:11,670 --> 00:16:10,000

wanted to take the water out of the

328

00:16:12,870 --> 00:16:11,680

helmet and go right back out to finish

329

00:16:13,990 --> 00:16:12,880

my work so

330

00:16:17,430 --> 00:16:14,000

for me

331

00:16:22,310 --> 00:16:19,749

point the only moment that is somewhat

332

00:16:24,629 --> 00:16:22,320

incomplete is the sensation that this

333

00:16:26,230 --> 00:16:24,639

feeling that i would like to be able to

334

00:16:28,710 --> 00:16:26,240

go back out and finish the work i

335

00:16:30,710 --> 00:16:28,720

started with chris

336

00:16:31,990 --> 00:16:30,720

what am i left with this experience i i

337

00:16:33,749 --> 00:16:32,000

always say this

338

00:16:36,389 --> 00:16:33,759

when you consider an experience in its

339

00:16:38,790 --> 00:16:36,399

entirety any experience

340

00:16:40,870 --> 00:16:38,800

builds memories

341

00:16:43,430 --> 00:16:40,880

memories that are always almost always

342

00:16:44,310 --> 00:16:43,440

positive so for me that experience ended

343

00:16:47,430 --> 00:16:44,320

up well

344

00:16:49,670 --> 00:16:47,440

so it was resolved without any any

345

00:16:51,670 --> 00:16:49,680

following issues so the thing that will

346

00:16:53,670 --> 00:16:51,680

stay with me is another moment from my

347

00:16:55,829 --> 00:16:53,680

career as as a

348

00:16:58,150 --> 00:16:55,839

as an experimental pilot

349

00:17:00,870 --> 00:16:58,160

as a fighter pilot um times when i've

350

00:17:02,710 --> 00:17:00,880

had to solve problems right there in the

351
00:17:04,470 --> 00:17:02,720
moment which fortunately with a little

352
00:17:06,230 --> 00:17:04,480
bit of luck and training

353
00:17:09,110 --> 00:17:06,240
and and all the training that i've had

354
00:17:09,829 --> 00:17:09,120
before throughout my life as a pilot in

355
00:17:11,429 --> 00:17:09,839
the

356
00:17:13,990 --> 00:17:11,439
air force

357
00:17:16,789 --> 00:17:14,000
so we were able to resolve the emergency

358
00:17:24,549 --> 00:17:16,799
well so i would be ready to go back out

359
00:17:29,270 --> 00:17:27,110
since 37 years your

360
00:17:35,669 --> 00:17:29,280
your mission was a record

361
00:17:39,350 --> 00:17:37,830
what is your future going to be and what

362
00:17:40,789 --> 00:17:39,360
other records are you going to be

363
00:17:43,830 --> 00:17:40,799

setting

364

00:17:46,789 --> 00:17:43,840

giorgio hi georgio

365

00:17:49,590 --> 00:17:46,799

it's hard to say now

366

00:17:51,750 --> 00:17:49,600

for too long i've left thinking about

367

00:17:54,150 --> 00:17:51,760

what was going to happen next

368

00:17:56,390 --> 00:17:54,160

so now i'm going to focus on just

369

00:17:57,669 --> 00:17:56,400

enjoying and living my experience day by

370

00:17:59,110 --> 00:17:57,679

day so

371

00:18:01,430 --> 00:17:59,120

for now my

372

00:18:03,990 --> 00:18:01,440

focus is

373

00:18:04,950 --> 00:18:04,000

on the next event which is the return to

374

00:18:06,710 --> 00:18:04,960

earth

375

00:18:09,270 --> 00:18:06,720

we have a lot of procedures to follow

376

00:18:11,430 --> 00:18:09,280

they're complex our re-entry is very

377

00:18:13,750 --> 00:18:11,440

complex and dynamic

378

00:18:15,029 --> 00:18:13,760

with with very active phases so i'm

379

00:18:17,350 --> 00:18:15,039

focusing on that

380

00:18:18,310 --> 00:18:17,360

as far as the future goes

381

00:18:19,590 --> 00:18:18,320

i think

382

00:18:21,029 --> 00:18:19,600

i can only talk about the immediate

383

00:18:21,750 --> 00:18:21,039

future

384

00:18:23,590 --> 00:18:21,760

so

385

00:18:26,310 --> 00:18:23,600

i'm thinking about my colleague samantha

386

00:18:27,990 --> 00:18:26,320

christopher who is going to live leave

387

00:18:30,390 --> 00:18:28,000

next year

388

00:18:33,029 --> 00:18:30,400

my my main

389

00:18:36,230 --> 00:18:33,039

task is to be able to talk with her

390

00:18:37,830 --> 00:18:36,240

and collaborate with her and prepare her

391

00:18:39,909 --> 00:18:37,840

so that she can give her best in the

392

00:18:42,710 --> 00:18:39,919

mission she will do that for sure but if

393

00:18:45,350 --> 00:18:42,720

i can contribute

394

00:18:47,190 --> 00:18:45,360

since my experience is so fresh

395

00:19:00,630 --> 00:18:47,200

it will be a pleasure to be able to work

396

00:19:05,909 --> 00:19:02,870

what is expecting you

397

00:19:07,510 --> 00:19:05,919

once you come back to earth

398

00:19:10,230 --> 00:19:07,520

so this you should be telling me that

399

00:19:12,310 --> 00:19:10,240

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

400

00:19:14,630 --> 00:19:12,320

what's uh waiting

401
00:19:16,950 --> 00:19:14,640
so jokes aside

402
00:19:21,669 --> 00:19:16,960
once we arrive after the landing with

403
00:19:24,470 --> 00:19:22,830
set

404
00:19:25,669 --> 00:19:24,480
aside

405
00:19:28,070 --> 00:19:25,679
to

406
00:19:30,150 --> 00:19:28,080
evaluate medically and scientifically

407
00:19:31,350 --> 00:19:30,160
what happened once we get back to earth

408
00:19:33,110 --> 00:19:31,360
i will let you know that the first

409
00:19:35,350 --> 00:19:33,120
images that you will see

410
00:19:36,310 --> 00:19:35,360
will be our recovery crew that is going

411
00:19:41,830 --> 00:19:36,320
to

412
00:19:43,590 --> 00:19:41,840
couches now that's not because we don't

413
00:19:44,870 --> 00:19:43,600

know how to walk

414

00:19:45,990 --> 00:19:44,880

but to prevent

415

00:19:49,110 --> 00:19:46,000

any sort of

416

00:19:51,350 --> 00:19:49,120

effect of gravity on our organism

417

00:19:54,310 --> 00:19:51,360

and let the scientists

418

00:19:56,870 --> 00:19:54,320

to be able to work on three bodies that

419

00:19:59,750 --> 00:19:56,880

are completely

420

00:20:01,510 --> 00:19:59,760

not used to the uh gravity effect

421

00:20:02,549 --> 00:20:01,520

so the first few hours are going to be

422

00:20:04,470 --> 00:20:02,559

about

423

00:20:06,710 --> 00:20:04,480

taking samples

424

00:20:08,230 --> 00:20:06,720

then theodore will be taken to star city

425

00:20:09,750 --> 00:20:08,240

in russia

426
00:20:11,270 --> 00:20:09,760
to continue

427
00:20:12,390 --> 00:20:11,280
physiologically the physiological

428
00:20:13,510 --> 00:20:12,400
studies

429
00:20:14,710 --> 00:20:13,520
whereas

430
00:20:17,830 --> 00:20:14,720
karen and i

431
00:20:19,990 --> 00:20:17,840
will be taken to the us

432
00:20:22,630 --> 00:20:20,000
on a flight

433
00:20:23,430 --> 00:20:22,640
as direct as possible to houston

434
00:20:25,190 --> 00:20:23,440
where

435
00:20:27,750 --> 00:20:25,200
they will continue some studies for

436
00:20:28,870 --> 00:20:27,760
several several days some physiological

437
00:20:31,430 --> 00:20:28,880
studies

438
00:20:32,710 --> 00:20:31,440

and then a rehab period to allow us to

439

00:20:35,990 --> 00:20:32,720

come back

440

00:20:36,000 --> 00:20:43,110

so that we can uh resume working here

441

00:20:48,870 --> 00:20:46,310

paulo dangerous a question for the crew

442

00:20:51,750 --> 00:20:48,880

for the commander turin you promised

443

00:20:52,870 --> 00:20:51,760

that surprise with the torch which

444

00:21:10,630 --> 00:20:52,880

will be

445

00:21:10,640 --> 00:21:14,630

it is not planned to

446

00:21:19,430 --> 00:21:17,750

to magnify anything convert

447

00:21:20,630 --> 00:21:19,440

of the station

448

00:21:22,230 --> 00:21:20,640

including

449

00:21:25,350 --> 00:21:22,240

torch

450

00:21:27,430 --> 00:21:25,360

but will follow all the symbolic

451
00:21:34,870 --> 00:21:27,440
requirements and

452
00:21:39,110 --> 00:21:36,710
station this is houston acr that

453
00:21:41,190 --> 00:21:39,120
concludes the esa portion of the event

454
00:21:52,870 --> 00:21:41,200
please stand by for a voice check from

455
00:21:52,880 --> 00:21:56,870
how do you hear me

456
00:22:04,870 --> 00:21:58,470
loud and clear

457
00:22:09,510 --> 00:22:07,909
okay uh uh you're actually start of a

458
00:22:35,590 --> 00:22:09,520
portion of the conference so first

459
00:23:00,870 --> 00:22:37,590
can you talk about what you did today

460
00:23:06,310 --> 00:23:02,870
and we have to confirm these various

461
00:23:07,909 --> 00:23:06,320
devices so um there aren't

462
00:23:10,950 --> 00:23:07,919
much um there

463
00:23:12,789 --> 00:23:10,960

isn't much for me to do but to confirm

464

00:23:14,789 --> 00:23:12,799

to convert the location of the various

465

00:23:17,669 --> 00:23:14,799

facilities the switches

466

00:23:20,630 --> 00:23:17,679

and for example the tools to carry out

467

00:23:23,029 --> 00:23:20,640

the repair i've been checking out and

468

00:23:26,230 --> 00:23:23,039

these various devices and that's how i'm

469

00:23:28,310 --> 00:23:26,240

spending my time now but um

470

00:23:31,270 --> 00:23:28,320

it's about four years since i was last

471

00:23:35,190 --> 00:23:31,280

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

472

00:23:37,990 --> 00:23:35,200

my old workplace and i'm very keen to

473

00:23:43,510 --> 00:23:38,000

start the experiments i think i can go

474

00:23:50,470 --> 00:23:48,390

from kyodo news and to dr wakata

475

00:23:52,789 --> 00:23:50,480

it's the first time that you go to

476
00:23:54,710 --> 00:23:52,799
you've gone to space and also it's the

477
00:23:57,510 --> 00:23:54,720
second time that you're staying at the

478
00:23:59,830 --> 00:23:57,520
iss have do you feel that something has

479
00:24:02,549 --> 00:23:59,840
changed something is different this time

480
00:24:05,750 --> 00:24:02,559
and um next year you will become the

481
00:24:13,590 --> 00:24:05,760
commander so what is your motivation

482
00:24:16,600 --> 00:24:16,390
um

483
00:24:22,630 --> 00:24:20,310
last time i stayed here was in 2009 and

484
00:24:24,870 --> 00:24:22,640
at that time i was i mean the last phase

485
00:24:27,990 --> 00:24:24,880
of assembling kibo the experimental

486
00:24:30,870 --> 00:24:28,000
module and at the station there are

487
00:24:33,990 --> 00:24:30,880
several other new additional modules

488
00:24:35,909 --> 00:24:34,000

added especially the earth observation

489

00:24:37,990 --> 00:24:35,919

cupra and the

490

00:24:41,909 --> 00:24:38,000

module with a lot of windows has been

491

00:24:47,110 --> 00:24:41,919

installed and we can view the earth from

492

00:24:49,510 --> 00:24:47,120

the windows um and you can see the earth

493

00:24:51,269 --> 00:24:49,520

and um i think that this view was not

494

00:24:53,750 --> 00:24:51,279

something that we can see in the past

495

00:24:55,029 --> 00:24:53,760

with the other modules so this is really

496

00:24:57,190 --> 00:24:55,039

impressive

497

00:25:00,549 --> 00:24:57,200

well about jimmy comey commander well

498

00:25:03,669 --> 00:25:00,559

theodore is here and

499

00:25:05,269 --> 00:25:03,679

when he returns um i'm dr cutoff i will

500

00:25:10,149 --> 00:25:05,279

become commander

501
00:25:14,630 --> 00:25:13,350
we'll be receiving an information house

502
00:25:16,149 --> 00:25:14,640
to command

503
00:25:18,549 --> 00:25:16,159
um the

504
00:25:21,430 --> 00:25:18,559
station i think i was blessed with

505
00:25:23,269 --> 00:25:21,440
various leaders who have worked above me

506
00:25:26,710 --> 00:25:23,279
and i would like to implement what i've

507
00:25:28,710 --> 00:25:26,720
learned from my predecessors um and try

508
00:25:36,789 --> 00:25:28,720
to work so that i can extract all the

509
00:25:36,799 --> 00:25:52,310
yes

510
00:25:52,320 --> 00:26:06,070
would you like to give your thoughts

511
00:26:08,630 --> 00:26:06,789
is

512
00:26:11,269 --> 00:26:08,640
playing very important role in

513
00:26:13,510 --> 00:26:11,279

international space station and i really

514

00:26:16,149 --> 00:26:13,520

feel that when i am there

515

00:26:18,269 --> 00:26:16,159

and the assembly of

516

00:26:21,750 --> 00:26:18,279

hivo was completed in

517

00:26:23,909 --> 00:26:21,760

2009 and it's been operating

518

00:26:25,990 --> 00:26:23,919

properly and there are a lot of results

519

00:26:29,029 --> 00:26:26,000

coming out from the

520

00:26:31,909 --> 00:26:29,039

japan experiment module so people from

521

00:26:35,029 --> 00:26:31,919

the world collaborate and expand

522

00:26:37,830 --> 00:26:35,039

the uh boundary of activity and japan is

523

00:26:41,110 --> 00:26:37,840

playing very important role there and i

524

00:26:43,510 --> 00:26:41,120

feel uh pride in taking part in there

525

00:26:45,510 --> 00:26:43,520

and would like to uh

526
00:26:47,510 --> 00:26:45,520
accomplish and the mission that i have

527
00:26:50,549 --> 00:26:47,520
to do

528
00:26:53,110 --> 00:26:50,559
i'm kaneko of nbs i'd like those that

529
00:26:59,269 --> 00:26:57,190
so you are now uh this time you had uh

530
00:27:01,669 --> 00:26:59,279
flew through with the six hours very

531
00:27:03,990 --> 00:27:01,679
short flight so it must have been very

532
00:27:05,909 --> 00:27:04,000
busy for you so would you give us your

533
00:27:08,789 --> 00:27:05,919
impression about uh getting on the very

534
00:27:12,230 --> 00:27:08,799
fast track ride to iss

535
00:27:13,430 --> 00:27:12,240
well uh docking with only four

536
00:27:15,909 --> 00:27:13,440
rounds

537
00:27:18,070 --> 00:27:15,919
and tuning uh mr

538
00:27:21,190 --> 00:27:18,080

tulene and also rick must miss turkey

539

00:27:23,269 --> 00:27:21,200

they did a great work so with only four

540

00:27:24,070 --> 00:27:23,279

rounds and orbit

541

00:27:29,190 --> 00:27:24,080

we

542

00:27:32,470 --> 00:27:29,200

was

543

00:27:35,430 --> 00:27:32,480

much quicker than flying to japan to

544

00:27:37,750 --> 00:27:35,440

reach to iss it was only six hours in

545

00:27:40,310 --> 00:27:37,760

very short period of time and we can go

546

00:27:43,190 --> 00:27:40,320

and come back to earth in very short

547

00:27:45,830 --> 00:27:43,200

time so russia has such a capability

548

00:27:48,630 --> 00:27:45,840

among space capability and i feel very

549

00:27:51,350 --> 00:27:48,640

uh respect for the capability and the

550

00:27:53,430 --> 00:27:51,360

time was very short so our

551
00:27:55,350 --> 00:27:53,440
adjustment to space

552
00:28:14,950 --> 00:27:55,360
is actually going

553
00:28:20,310 --> 00:28:17,510
specifically about the mission about um

554
00:28:22,470 --> 00:28:20,320
the release of the small satellite um

555
00:28:25,430 --> 00:28:22,480
and um i do understand that you'll be

556
00:28:27,190 --> 00:28:25,440
releasing this small satellite

557
00:28:29,669 --> 00:28:27,200
also amongst the various satellites

558
00:28:31,269 --> 00:28:29,679
you'll be releasing do you have any one

559
00:28:40,789 --> 00:28:31,279
that you think will be especially

560
00:28:50,230 --> 00:28:42,149
um

561
00:28:52,310 --> 00:28:50,240
researchers have worked hard to develop

562
00:28:55,029 --> 00:28:52,320
and produce the slides i want to work

563
00:28:57,590 --> 00:28:55,039

hard to release all of them now about um

564

00:28:58,389 --> 00:28:57,600

the release of these small satellites um

565

00:29:01,430 --> 00:28:58,399

this

566

00:29:03,110 --> 00:29:01,440

is um because we have kibo and i think

567

00:29:06,470 --> 00:29:03,120

um that um this is the mission which

568

00:29:09,750 --> 00:29:06,480

will tap on the capability of kibble um

569

00:29:11,430 --> 00:29:09,760

there's the airlock um

570

00:29:12,310 --> 00:29:11,440

the humans

571

00:29:16,950 --> 00:29:12,320

um

572

00:29:19,510 --> 00:29:16,960

but russia and the united states you

573

00:29:22,070 --> 00:29:19,520

have the airlock for people to

574

00:29:24,149 --> 00:29:22,080

exit and enter but um

575

00:29:27,590 --> 00:29:24,159

it is only the gem which can release

576

00:29:30,789 --> 00:29:27,600

these satellites and devices and um

577

00:29:33,190 --> 00:29:30,799

we will be releasing from kibo and um i

578

00:29:35,990 --> 00:29:33,200

think that this will be a mission which

579

00:29:44,230 --> 00:29:36,000

will be leveraging on the capability of

580

00:29:49,990 --> 00:29:46,230

again a question regarding you are

581

00:29:52,870 --> 00:29:50,000

becoming a commander as commander

582

00:29:56,230 --> 00:29:52,880

we want to exert leadership in creating

583

00:29:58,789 --> 00:29:56,240

harmony um can you explain to us how you

584

00:30:01,669 --> 00:29:58,799

want to achieve this goal

585

00:30:06,470 --> 00:30:01,679

and express to us your commitment and

586

00:30:06,480 --> 00:30:11,269

mr

587

00:30:17,029 --> 00:30:14,710

we have nine members colleagues here but

588

00:30:21,510 --> 00:30:17,039

each of the astronauts have high

589

00:30:24,549 --> 00:30:21,520

capability experience and techniques and

590

00:30:27,510 --> 00:30:24,559

all nine have their strong ambition i

591

00:30:28,389 --> 00:30:27,520

mean carrying out the mission i think um

592

00:30:32,549 --> 00:30:28,399

that

593

00:30:34,710 --> 00:30:32,559

in order to exert the um results as a

594

00:30:35,830 --> 00:30:34,720

team we have to work together with

595

00:30:38,230 --> 00:30:35,840

everyone

596

00:30:40,950 --> 00:30:38,240

even the people on the ground in houston

597

00:30:42,789 --> 00:30:40,960

moscow et cetera and we have to work

598

00:30:44,870 --> 00:30:42,799

hard and i have to

599

00:30:47,750 --> 00:30:44,880

function as commander to try to leverage

600

00:30:50,389 --> 00:30:47,760

all the capabilities that are available

601
00:30:52,470 --> 00:30:50,399
to us harmony is important communication

602
00:30:57,909 --> 00:30:52,480
will be vital in carrying out the

603
00:30:57,919 --> 00:31:00,789
again

604
00:31:00,799 --> 00:31:12,549
representing country

605
00:31:17,669 --> 00:31:15,430
and you uh at this time bringing up

606
00:31:30,310 --> 00:31:17,679
olympic torches so would you like to

607
00:31:35,830 --> 00:31:33,269
olympic athletes uh i hope that they

608
00:31:36,870 --> 00:31:35,840
will they will do their best and do

609
00:31:40,389 --> 00:31:36,880
bring up

610
00:31:43,750 --> 00:31:40,399
great results and olympics

611
00:31:45,430 --> 00:31:43,760
people get together and have

612
00:31:48,070 --> 00:31:45,440
good

613
00:31:51,190 --> 00:31:48,080

communication and do their best

614

00:31:53,990 --> 00:31:51,200

you know to expand their capability

615

00:31:56,549 --> 00:31:54,000

and space exploration is very similar

616

00:31:57,990 --> 00:31:56,559

it's the type of activity that expands

617

00:32:00,789 --> 00:31:58,000

the

618

00:32:02,630 --> 00:32:00,799

human activity so bringing up olympic

619

00:32:04,389 --> 00:32:02,640

torches up to space

620

00:32:06,470 --> 00:32:04,399

is

621

00:32:08,070 --> 00:32:06,480

very symbolic very similar to the

622

00:32:10,710 --> 00:32:08,080

activity

623

00:32:16,549 --> 00:32:14,630

so i am very happy to be part of it and

624

00:32:19,110 --> 00:32:16,559

tomorrow we are going to have

625

00:32:19,120 --> 00:32:23,029

and i hope that

626

00:32:27,830 --> 00:32:24,710

tomorrow is going to be wonderful done

627

00:32:30,470 --> 00:32:27,840

by russian people also i hope that the

628

00:32:39,590 --> 00:32:30,480

japanese japanese athletes would do very

629

00:32:46,230 --> 00:32:41,590

station this is houston acr that

630

00:32:51,190 --> 00:32:48,870

welcome with our pleasure

631

00:32:52,950 --> 00:32:51,200

and station houston thank you all to all