



1
00:00:06,550 --> 00:00:03,110
atlantis iss this is houston are you

2
00:00:06,560 --> 00:00:09,830
you all ready

3
00:00:16,390 --> 00:00:12,310
jscpao this is houston please call

4
00:00:32,069 --> 00:00:16,400
atlantis iss for a voice check

5
00:00:38,069 --> 00:00:33,510
okay i think we're ready for questions

6
00:00:38,079 --> 00:00:42,950
yes we're ready for questions

7
00:00:47,830 --> 00:00:45,069
hi this is robert perlman with

8
00:00:49,830 --> 00:00:47,840
collectspace.com and space.com a

9
00:00:50,790 --> 00:00:49,840
question for atlantis's commander ken

10
00:00:53,029 --> 00:00:50,800
ham

11
00:00:54,869 --> 00:00:53,039
uh yesterday while answering students

12
00:00:56,310 --> 00:00:54,879
questions you said it would be an honor

13
00:00:58,790 --> 00:00:56,320

if it turns out that you and your

14

00:00:59,670 --> 00:00:58,800

crewmates are flying atlantis's final

15

00:01:01,549 --> 00:00:59,680

mission

16

00:01:04,549 --> 00:01:01,559

with that in mind how would you have

17

00:01:06,310 --> 00:01:04,559

sts-132 remembered in the history books

18

00:01:08,630 --> 00:01:06,320

what uh to you has been the highlights

19

00:01:11,270 --> 00:01:08,640

of the past 10 days that you feel set

20

00:01:16,230 --> 00:01:11,280

apart sts-132 as a mission suiting an

21

00:01:21,190 --> 00:01:18,390

a good question robert uh

22

00:01:24,310 --> 00:01:21,200

i don't uh want to or hope that we set

23

00:01:25,510 --> 00:01:24,320

ourselves aside as a different or better

24

00:01:27,270 --> 00:01:25,520

if you will

25

00:01:28,789 --> 00:01:27,280

crew mission than any other mission that

26

00:01:30,069 --> 00:01:28,799

was on atlantis

27

00:01:31,109 --> 00:01:30,079

one of our objectives from the very

28

00:01:33,910 --> 00:01:31,119

beginning like we talked about

29

00:01:35,670 --> 00:01:33,920

pre-flight was to get our job done

30

00:01:37,429 --> 00:01:35,680

professionally get it done correctly get

31

00:01:40,469 --> 00:01:37,439

it done on time and then also have a lot

32

00:01:42,069 --> 00:01:40,479

of fun doing it and hopefully

33

00:01:43,350 --> 00:01:42,079

show that fun to the rest of the team

34

00:01:44,789 --> 00:01:43,360

and everyone else involved because there

35

00:01:46,230 --> 00:01:44,799

certainly are thousands of folks

36

00:01:48,230 --> 00:01:46,240

involved in the mission

37

00:01:49,510 --> 00:01:48,240

and i have a feeling i don't know we

38

00:01:51,190 --> 00:01:49,520

won't know until we get back on the

39

00:01:53,749 --> 00:01:51,200

ground and really talk to the team but i

40

00:01:55,510 --> 00:01:53,759

think we did share the fun and share the

41

00:01:56,870 --> 00:01:55,520

enthusiasm of the whole experience of

42

00:01:58,789 --> 00:01:56,880

flying in space

43

00:02:03,109 --> 00:01:58,799

and that's the way i would like this

44

00:02:07,510 --> 00:02:05,670

thank you and for uh garrett reisman

45

00:02:09,589 --> 00:02:07,520

during your spacewalk on friday we

46

00:02:11,430 --> 00:02:09,599

watched as you as and mike floated into

47

00:02:13,350 --> 00:02:11,440

atlanta's payload bay

48

00:02:14,949 --> 00:02:13,360

and on your way to the aft deck windows

49

00:02:16,790 --> 00:02:14,959

you climbed over the tool stowage

50

00:02:18,470 --> 00:02:16,800

assembly in which nasa has packed

51
00:02:20,949 --> 00:02:18,480
mementos meant for employees and

52
00:02:23,270 --> 00:02:20,959
agencies partners to mark the shuttle

53
00:02:24,949 --> 00:02:23,280
program's end can you share what you are

54
00:02:27,030 --> 00:02:24,959
bringing back or what you choose to

55
00:02:28,710 --> 00:02:27,040
bring back from this mission as your

56
00:02:32,150 --> 00:02:28,720
personal memento of your time on

57
00:02:39,750 --> 00:02:32,160
atlantis the sts-132 mission and

58
00:02:43,430 --> 00:02:41,910
well um let's see first of all i want to

59
00:02:45,830 --> 00:02:43,440
emphasize that we didn't take anything

60
00:02:47,030 --> 00:02:45,840
out of those compartments uh on the

61
00:02:49,430 --> 00:02:47,040
payload bay

62
00:02:51,589 --> 00:02:49,440
uh we left everything right there but as

63
00:02:54,390 --> 00:02:51,599

far as what i'm bringing back uh you

64

00:02:55,350 --> 00:02:54,400

know it's it's mostly memories is is

65

00:02:57,910 --> 00:02:55,360

really

66

00:02:59,830 --> 00:02:57,920

when i bring back memories of not only

67

00:03:02,790 --> 00:02:59,840

the spacewalking and the views and the

68

00:03:05,430 --> 00:03:02,800

sunsets and the islands we saw but

69

00:03:06,229 --> 00:03:05,440

just memories of all the fun we had and

70

00:03:08,229 --> 00:03:06,239

uh

71

00:03:10,390 --> 00:03:08,239

and and and that's really the main thing

72

00:03:11,589 --> 00:03:10,400

that and photographs and video is that

73

00:03:13,750 --> 00:03:11,599

we'll be watching for the rest of our

74

00:03:15,350 --> 00:03:13,760

lives

75

00:03:17,509 --> 00:03:15,360

hi this is

76
00:03:20,630 --> 00:03:17,519
the german aerospace center and expo

77
00:03:22,630 --> 00:03:20,640
association question for a tj creamer

78
00:03:24,470 --> 00:03:22,640
what was your most challenging task and

79
00:03:26,550 --> 00:03:24,480
your most exciting moment during your

80
00:03:28,789 --> 00:03:26,560
long duration mission and did you

81
00:03:30,390 --> 00:03:28,799
experience anything you didn't expect

82
00:03:39,350 --> 00:03:30,400
and what are you looking for most when

83
00:03:42,229 --> 00:03:40,470
it's um

84
00:03:45,910 --> 00:03:42,239
what can i

85
00:03:47,190 --> 00:03:45,920
tell you that

86
00:03:49,270 --> 00:03:47,200
there have been some absolutely

87
00:03:51,589 --> 00:03:49,280
astounding things like the views that

88
00:03:55,509 --> 00:03:54,070

been able to experience out the windows

89

00:03:57,190 --> 00:03:55,519

we've been able to do

90

00:03:58,949 --> 00:03:57,200

an awful lot of

91

00:04:01,030 --> 00:03:58,959

science and hard work together

92

00:04:04,070 --> 00:04:01,040

successfully but i think that one of the

93

00:04:05,830 --> 00:04:04,080

things that i i can honestly share

94

00:04:07,990 --> 00:04:05,840

back with you is that just the bonding

95

00:04:10,149 --> 00:04:08,000

the the the friendship the camaraderie

96

00:04:11,509 --> 00:04:10,159

that exists that when you work long

97

00:04:12,309 --> 00:04:11,519

missions together

98

00:04:15,830 --> 00:04:12,319

and

99

00:04:18,390 --> 00:04:15,840

absolutely uh

100

00:04:19,590 --> 00:04:18,400

gut-wrenching uh tear-producing laughter

101
00:04:21,189 --> 00:04:19,600
that we've been able to share with some

102
00:04:22,870 --> 00:04:21,199
of the senses of humor we've had up here

103
00:04:25,430 --> 00:04:22,880
and and all that combined together is a

104
00:04:28,469 --> 00:04:25,440
very warm memory

105
00:04:30,629 --> 00:04:28,479
thank you question for peer sellers this

106
00:04:33,430 --> 00:04:30,639
is your third flight as a veteran was

107
00:04:35,590 --> 00:04:33,440
there anything new for you and also you

108
00:04:37,590 --> 00:04:35,600
had to perform lots of robotics tasks

109
00:04:44,150 --> 00:04:37,600
was it more difficult or easier compared

110
00:04:47,830 --> 00:04:46,150
well to answer the first question yes it

111
00:04:49,510 --> 00:04:47,840
was very different for me the the other

112
00:04:51,430 --> 00:04:49,520
two flights that came up the inside of

113
00:04:53,830 --> 00:04:51,440

station pretty much looked the same as

114

00:04:57,270 --> 00:04:53,840

about one-third the size it is now

115

00:05:00,150 --> 00:04:57,280

this place is now a palace it's huge and

116

00:05:01,670 --> 00:05:00,160

i've had a great fun exploring it

117

00:05:05,029 --> 00:05:01,680

we're seeing station in pretty much his

118

00:05:07,110 --> 00:05:05,039

final form and it's really magnificent

119

00:05:09,670 --> 00:05:07,120

as for the robotics it was wonderful i

120

00:05:11,350 --> 00:05:09,680

was down there in the belly turret of

121

00:05:14,070 --> 00:05:11,360

the of the station this glass dome

122

00:05:15,430 --> 00:05:14,080

underneath all day getting a suntan

123

00:05:17,350 --> 00:05:15,440

waving the arm around it was a lot of

124

00:05:22,310 --> 00:05:17,360

fun and me and tc

125

00:05:26,550 --> 00:05:24,070

this is jill tolk representing the

126
00:05:28,870 --> 00:05:26,560
cohasset mariner in massachusetts so of

127
00:05:31,430 --> 00:05:28,880
course this is for steve bowen from your

128
00:05:33,430 --> 00:05:31,440
perspective on orbit right now what

129
00:05:35,430 --> 00:05:33,440
thoughts and feelings about your final

130
00:05:37,670 --> 00:05:35,440
shuttle flight in evas would you like to

131
00:05:48,950 --> 00:05:37,680
share with residents of cohasset and the

132
00:05:52,710 --> 00:05:51,270
well no actually i saw cape cod which

133
00:05:54,790 --> 00:05:52,720
was kind of neat i

134
00:05:56,710 --> 00:05:54,800
i i'll go back we piers and i were up in

135
00:05:58,550 --> 00:05:56,720
the cupola enjoying the views the other

136
00:06:00,390 --> 00:05:58,560
day just for a few moments and we

137
00:06:01,749 --> 00:06:00,400
happened to come right up over cape cod

138
00:06:03,350 --> 00:06:01,759

and i got to look down and she pointed

139

00:06:04,870 --> 00:06:03,360

out the piers where my hometown was

140

00:06:06,469 --> 00:06:04,880

where cohasset was

141

00:06:07,510 --> 00:06:06,479

that was very exciting so

142

00:06:09,510 --> 00:06:07,520

as in a

143

00:06:11,110 --> 00:06:09,520

memory from this flight

144

00:06:11,990 --> 00:06:11,120

i'm going to you know the opportunity to

145

00:06:14,629 --> 00:06:12,000

share

146

00:06:15,990 --> 00:06:14,639

the world with my friends here onboard

147

00:06:17,670 --> 00:06:16,000

the space station

148

00:06:19,110 --> 00:06:17,680

and really no matter where you are

149

00:06:22,629 --> 00:06:19,120

you've got friends you can share with so

150

00:06:26,629 --> 00:06:24,469

thanks stevo

151
00:06:29,430 --> 00:06:26,639
as a similar follow-up question for

152
00:06:31,270 --> 00:06:29,440
either you or garrett garrett before the

153
00:06:32,629 --> 00:06:31,280
mission you talked about all the hard

154
00:06:34,150 --> 00:06:32,639
work that you all were going to be doing

155
00:06:35,749 --> 00:06:34,160
on this mission so they would have a

156
00:06:37,590 --> 00:06:35,759
great feeling of accomplishment

157
00:06:39,749 --> 00:06:37,600
afterwards not just a small feeling but

158
00:06:41,430 --> 00:06:39,759
a great feeling when everything got

159
00:06:49,029 --> 00:06:41,440
accomplished could you all expand on

160
00:06:52,870 --> 00:06:51,350
yeah we've talked a lot about having fun

161
00:06:54,390 --> 00:06:52,880
up here but i think that the main reason

162
00:06:56,710 --> 00:06:54,400
we're all having so much fun is that

163
00:06:58,070 --> 00:06:56,720

everything uh went pretty smoothly on

164

00:06:59,670 --> 00:06:58,080

the mission and we accomplished all of

165

00:07:01,749 --> 00:06:59,680

our objectives and there's nothing like

166

00:07:04,790 --> 00:07:01,759

a little success to make you have a

167

00:07:06,710 --> 00:07:04,800

really good time so uh

168

00:07:08,950 --> 00:07:06,720

yeah it was i was hoping that after all

169

00:07:10,469 --> 00:07:08,960

this hard work not just obviously by us

170

00:07:11,670 --> 00:07:10,479

but more importantly by all the people

171

00:07:14,150 --> 00:07:11,680

on the ground

172

00:07:16,629 --> 00:07:14,160

uh that made it all possible and worked

173

00:07:19,189 --> 00:07:16,639

out all the engineering details

174

00:07:21,430 --> 00:07:19,199

we had a lot of success and

175

00:07:23,589 --> 00:07:21,440

and that's something that was uh that's

176

00:07:25,029 --> 00:07:23,599

what i was talking about before that i

177

00:07:28,150 --> 00:07:25,039

was hoping to have this feeling and i've

178

00:07:32,550 --> 00:07:30,390

this is peter raywood from southern fm

179

00:07:34,469 --> 00:07:32,560

in australia my question is for each of

180

00:07:35,830 --> 00:07:34,479

the crew members of atlantis

181

00:07:36,950 --> 00:07:35,840

and any of the others who would like to

182

00:07:39,189 --> 00:07:36,960

contribute

183

00:07:41,029 --> 00:07:39,199

if it were exclusively up to you which

184

00:07:43,350 --> 00:07:41,039

city or town would you select to be the

185

00:07:52,230 --> 00:07:43,360

final location for a public display of

186

00:07:57,749 --> 00:07:53,990

that's a great question i'm glad

187

00:08:02,070 --> 00:07:59,909

that's uh that's not for us to decide

188

00:08:05,430 --> 00:08:02,080

unless uh unless i get to pick and then

189

00:08:07,430 --> 00:08:05,440

it would be in my uh in my backyard um i

190

00:08:09,830 --> 00:08:07,440

get plenty of letters from my homeowners

191

00:08:12,469 --> 00:08:09,840

association about leaving my garbage can

192

00:08:14,150 --> 00:08:12,479

out and not keeping my grass trimmed but

193

00:08:15,510 --> 00:08:14,160

that would if i got atlantis parked in

194

00:08:21,749 --> 00:08:15,520

my backyard that'd make all those

195

00:08:27,350 --> 00:08:24,710

thank you um this is a question for the

196

00:08:29,189 --> 00:08:27,360

anyone uh for the members of the iss

197

00:08:31,430 --> 00:08:29,199

crew we've all had the experience of

198

00:08:32,310 --> 00:08:31,440

packing for a long trip and only to get

199

00:08:33,990 --> 00:08:32,320

there

200

00:08:36,550 --> 00:08:34,000

and realize that you've forgotten

201
00:08:38,070 --> 00:08:36,560
something large or small that you would

202
00:08:39,589 --> 00:08:38,080
really love to have brought with you

203
00:08:49,910 --> 00:08:39,599
have any of you had the experience on

204
00:08:52,630 --> 00:08:51,509
i forgot to bring

205
00:08:55,110 --> 00:08:52,640
sweats

206
00:08:57,269 --> 00:08:55,120
something to keep me warm other than the

207
00:08:58,230 --> 00:08:57,279
work pants that i have every day

208
00:09:00,949 --> 00:08:58,240
but

209
00:09:03,110 --> 00:09:00,959
i'd have to say that you're

210
00:09:05,350 --> 00:09:03,120
you're taken care of very well up here

211
00:09:06,870 --> 00:09:05,360
we have so many people that are looking

212
00:09:09,190 --> 00:09:06,880
out for us on the ground to make sure

213
00:09:10,630 --> 00:09:09,200

that not only are we accomplishing our

214

00:09:12,310 --> 00:09:10,640

mission and

215

00:09:13,829 --> 00:09:12,320

being able to take care of this place

216

00:09:16,150 --> 00:09:13,839

but that we're taking care of ourselves

217

00:09:18,949 --> 00:09:16,160

too because this really is our home away

218

00:09:20,710 --> 00:09:18,959

from home so i wouldn't say that we're

219

00:09:24,710 --> 00:09:20,720

missing too many things up here except

220

00:09:29,590 --> 00:09:27,190

mark caro for aviation week i have a

221

00:09:31,190 --> 00:09:29,600

question for pierce and garrett

222

00:09:33,350 --> 00:09:31,200

both of you have flown

223

00:09:35,509 --> 00:09:33,360

to the space station in the past in

224

00:09:37,030 --> 00:09:35,519

different capacities

225

00:09:38,710 --> 00:09:37,040

i wonder if you can draw from that

226

00:09:41,110 --> 00:09:38,720

perspective

227

00:09:43,990 --> 00:09:41,120

and what you have seen about the earth

228

00:09:45,829 --> 00:09:44,000

on this mission and tell us if you have

229

00:09:49,430 --> 00:09:45,839

any impressions

230

00:09:55,110 --> 00:09:49,440

that seem remarkable or memorable from

231

00:09:58,470 --> 00:09:56,630

i'll give you the short answer before i

232

00:09:59,430 --> 00:09:58,480

hand over to garrett for the long answer

233

00:10:04,550 --> 00:09:59,440

now

234

00:10:06,630 --> 00:10:04,560

sitting in the cupola for hours is

235

00:10:09,110 --> 00:10:06,640

really how small the world is you go

236

00:10:11,110 --> 00:10:09,120

around it in one and a half hours but

237

00:10:12,230 --> 00:10:11,120

you can recognize fields

238

00:10:14,150 --> 00:10:12,240

roads

239

00:10:15,829 --> 00:10:14,160

city blocks down there so it's we live

240

00:10:18,710 --> 00:10:15,839

in quite a small planet that really

241

00:10:37,509 --> 00:10:18,720

brought it home

242

00:10:41,829 --> 00:10:40,150

atlantis iss this is houston acr that

243

00:10:43,910 --> 00:10:41,839

concludes questions from the johnson

244

00:10:48,150 --> 00:10:43,920

space center please stand by for a voice

245

00:10:55,269 --> 00:10:51,190

atlantis iss this is kennedy pao how do

246

00:10:55,279 --> 00:11:00,069

and read a lot and clear cassie

247

00:11:04,550 --> 00:11:01,829

uh hello this is marcia dunn of the

248

00:11:06,550 --> 00:11:04,560

associated press for commander kotov

249

00:11:08,470 --> 00:11:06,560

um in any of the other station crew you

250

00:11:10,550 --> 00:11:08,480

mentioned the other day how scary the

251

00:11:13,509 --> 00:11:10,560

oil spill looked in the gulf of mexico

252

00:11:15,509 --> 00:11:13,519

and i'm wondering could you describe it

253

00:11:19,190 --> 00:11:15,519

what what does it look like does it look

254

00:11:25,030 --> 00:11:19,200

like a brown stain against blue water or

255

00:11:29,590 --> 00:11:26,949

hey marcia good to talk to you yeah the

256

00:11:32,389 --> 00:11:29,600

oil spill we are watching from above

257

00:11:35,269 --> 00:11:32,399

every day and it's kind of sad to see

258

00:11:36,470 --> 00:11:35,279

the beautiful seas kind of tinted

259

00:11:39,829 --> 00:11:36,480

and uh

260

00:11:41,750 --> 00:11:39,839

these days the the stain kind of spread

261

00:11:44,230 --> 00:11:41,760

around to the south and i heard it's

262

00:11:46,710 --> 00:11:44,240

going to migrate to the atlantic side

263

00:11:50,629 --> 00:11:46,720

but we're just hoping the quick recovery

264

00:11:56,389 --> 00:11:53,590

another question for you suici

265

00:11:58,230 --> 00:11:56,399

you're the king of space twittering

266

00:12:01,590 --> 00:11:58,240

you're posting so many pictures and so

267

00:12:04,150 --> 00:12:01,600

many words how is it for you having that

268

00:12:06,470 --> 00:12:04,160

kind of access to social media from the

269

00:12:11,590 --> 00:12:06,480

space station um and do you find it

270

00:12:15,030 --> 00:12:13,190

well thank you first of all the older

271

00:12:17,269 --> 00:12:15,040

kudos to the engineer who made it

272

00:12:19,670 --> 00:12:17,279

possible and also like my personal

273

00:12:21,910 --> 00:12:19,680

thanks to my crewmate tj creamer he

274

00:12:23,590 --> 00:12:21,920

worked very hard to make it happen i'm

275

00:12:26,470 --> 00:12:23,600

just a user he's actually uh the

276
00:12:29,350 --> 00:12:26,480
background engineer to make it possible

277
00:12:31,670 --> 00:12:29,360
and uh the my message to you guys is

278
00:12:32,949 --> 00:12:31,680
look the earth is beautiful and i just

279
00:12:35,190 --> 00:12:32,959
want to share

280
00:12:37,110 --> 00:12:35,200
the pictures and i'm i'm not the best

281
00:12:39,590 --> 00:12:37,120
photographer there's other people who

282
00:12:41,910 --> 00:12:39,600
took a better picture but i like to just

283
00:12:43,750 --> 00:12:41,920
share the how the regular person come up

284
00:12:46,629 --> 00:12:43,760
to the space station and see this

285
00:12:48,870 --> 00:12:46,639
beautiful view and just want to share

286
00:12:51,350 --> 00:12:48,880
the view so i'm very happy to have a

287
00:12:57,590 --> 00:12:51,360
chance to share the nice

288
00:13:02,230 --> 00:13:00,150

and one more question for commander ham

289

00:13:03,990 --> 00:13:02,240

you mentioned that how much fun you've

290

00:13:06,949 --> 00:13:04,000

been having what

291

00:13:13,590 --> 00:13:06,959

was the most fun that you as all 12

292

00:13:17,430 --> 00:13:15,750

yeah well marcia i probably can't reveal

293

00:13:18,389 --> 00:13:17,440

some of the the best fun that we had up

294

00:13:19,190 --> 00:13:18,399

here

295

00:13:22,310 --> 00:13:19,200

uh

296

00:13:24,310 --> 00:13:22,320

might have mentioned it earlier it's

297

00:13:26,710 --> 00:13:24,320

it's spending time with this group of

298

00:13:28,389 --> 00:13:26,720

people and it's all 12 of us uh we've

299

00:13:30,629 --> 00:13:28,399

bonded up here in space which is an

300

00:13:32,470 --> 00:13:30,639

interesting experience and

301
00:13:34,550 --> 00:13:32,480
i think part of that comes from working

302
00:13:37,190 --> 00:13:34,560
really hard and then having pride in

303
00:13:39,590 --> 00:13:37,200
your own success sort of sets up the

304
00:13:40,790 --> 00:13:39,600
human emotion for being happy and being

305
00:13:42,069 --> 00:13:40,800
happy together

306
00:13:43,189 --> 00:13:42,079
and uh

307
00:13:44,949 --> 00:13:43,199
and i

308
00:13:45,750 --> 00:13:44,959
there are some senses of humor on this

309
00:13:47,430 --> 00:13:45,760
crew

310
00:13:50,790 --> 00:13:47,440
that are that are

311
00:13:56,629 --> 00:13:50,800
excellent to say to be kind i guess

312
00:14:01,269 --> 00:13:59,269
hi guys it's bill harwood cbs news uh

313
00:14:02,870 --> 00:14:01,279

one for tj just to follow up an earlier

314

00:14:04,470 --> 00:14:02,880

question uh what are you looking forward

315

00:14:05,590 --> 00:14:04,480

to what are you going to miss

316

00:14:09,990 --> 00:14:05,600

and what are you looking forward to when

317

00:14:12,870 --> 00:14:11,189

well what am i going to miss is probably

318

00:14:15,110 --> 00:14:12,880

be easy it's uh

319

00:14:17,269 --> 00:14:15,120

we've been up here five-ish months and

320

00:14:18,949 --> 00:14:17,279

you know right right now you kind of go

321

00:14:20,230 --> 00:14:18,959

i'm finally getting the hang of this and

322

00:14:21,990 --> 00:14:20,240

it's kind of

323

00:14:24,230 --> 00:14:22,000

sad to be departing that operational

324

00:14:25,750 --> 00:14:24,240

world that i i so enjoy and love as well

325

00:14:27,430 --> 00:14:25,760

as just the camaraderie that we share

326

00:14:29,030 --> 00:14:27,440

with our crewmates

327

00:14:30,629 --> 00:14:29,040

what i'm looking forward to of course is

328

00:14:31,910 --> 00:14:30,639

getting back together with family and

329

00:14:33,590 --> 00:14:31,920

friends

330

00:14:35,030 --> 00:14:33,600

specifically though

331

00:14:37,030 --> 00:14:35,040

i really like to drink something not

332

00:14:41,590 --> 00:14:37,040

through a straw and have the food stay

333

00:14:45,269 --> 00:14:43,110

i can understand that

334

00:14:47,110 --> 00:14:45,279

one quick one for commander kotov

335

00:14:49,509 --> 00:14:47,120

can you give us a

336

00:14:50,790 --> 00:14:49,519

snapshot of how how is rossvet doing uh

337

00:14:52,389 --> 00:14:50,800

you mentioned some shavings the other

338

00:14:53,189 --> 00:14:52,399

day i'm assuming that's filtered out by

339

00:14:54,870 --> 00:14:53,199

now

340

00:15:00,389 --> 00:14:54,880

maybe give us your impressions as

341

00:15:03,269 --> 00:15:02,150

and uh thank you for this question

342

00:15:05,509 --> 00:15:03,279

that's

343

00:15:09,269 --> 00:15:05,519

the new module russviet looks really

344

00:15:12,150 --> 00:15:09,279

really good and uh he is still packed

345

00:15:15,110 --> 00:15:12,160

with cargo that's atlantis uh brought up

346

00:15:18,790 --> 00:15:15,120

with this module and we're working very

347

00:15:20,230 --> 00:15:18,800

hard to unload that this module but

348

00:15:23,110 --> 00:15:20,240

in any case it's

349

00:15:26,470 --> 00:15:23,120

it's excellent excellent extra volume

350

00:15:28,710 --> 00:15:26,480

and especially this module is designed

351

00:15:31,430 --> 00:15:28,720

specifically to be a russian science

352

00:15:34,310 --> 00:15:31,440

laboratory and so we're really looking

353

00:15:35,509 --> 00:15:34,320

forward to which which

354

00:15:36,389 --> 00:15:35,519

utilize

355

00:15:37,990 --> 00:15:36,399

this

356

00:15:44,310 --> 00:15:38,000

module in future

357

00:15:49,590 --> 00:15:47,110

atlantis iss this is houston acr that

358

00:15:51,269 --> 00:15:49,600

concludes questions from ksc please

359

00:16:03,110 --> 00:15:51,279

stand by for a voice check and more

360

00:16:10,949 --> 00:16:05,189

and atlantis iss once again how do you

361

00:16:16,710 --> 00:16:13,990

really loud and clear

362

00:16:19,110 --> 00:16:16,720

hi robert perlman with collectspace.com

363

00:16:20,790 --> 00:16:19,120

and space.com once more with a question

364

00:16:22,629 --> 00:16:20,800

from mike good

365

00:16:25,030 --> 00:16:22,639

you entered space on the anniversary of

366

00:16:26,949 --> 00:16:25,040

the last saturn 5 launch which was also

367

00:16:28,470 --> 00:16:26,959

the liftoff of the first u.s space

368

00:16:30,230 --> 00:16:28,480

station skylab

369

00:16:33,110 --> 00:16:30,240

that somewhat parallels your own and

370

00:16:34,870 --> 00:16:33,120

your crewmates flights which is planned

371

00:16:36,870 --> 00:16:34,880

as the last for atlantis but it is one

372

00:16:38,310 --> 00:16:36,880

of the last of the shuttle program

373

00:16:39,910 --> 00:16:38,320

and now you're flying when the

374

00:16:41,189 --> 00:16:39,920

international space station's assembly

375

00:16:43,350 --> 00:16:41,199

is nearly complete and science

376

00:16:45,590 --> 00:16:43,360

operations are about to begin

377

00:16:47,110 --> 00:16:45,600

so as your mission comes to a conclusion

378

00:16:49,189 --> 00:16:47,120

can you share if this feels more like

379

00:16:54,870 --> 00:16:49,199

the beginning of an end or the end of a

380

00:16:58,790 --> 00:16:57,350

a great question um

381

00:17:00,550 --> 00:16:58,800

it's definitely the

382

00:17:02,829 --> 00:17:00,560

the beginning of the end here for the

383

00:17:06,630 --> 00:17:02,839

shuttle program and i think

384

00:17:07,829 --> 00:17:06,640

as our commander ken ham put it so

385

00:17:09,909 --> 00:17:07,839

eloquently yesterday when we were

386

00:17:11,189 --> 00:17:09,919

talking with some of the kids uh

387

00:17:13,110 --> 00:17:11,199

that that

388

00:17:15,270 --> 00:17:13,120

unfortunately this is uh necessary for

389

00:17:17,750 --> 00:17:15,280

us to move on you know the shuttle is a

390

00:17:20,230 --> 00:17:17,760

incredible vehicle

391

00:17:22,470 --> 00:17:20,240

you know it has a payload bay it has an

392

00:17:24,870 --> 00:17:22,480

air locks we can go out and do uh space

393

00:17:27,110 --> 00:17:24,880

walks it has a robotic arm has an

394

00:17:30,230 --> 00:17:27,120

unbelievable capability but it is

395

00:17:32,390 --> 00:17:30,240

limited to low earth orbit and so as we

396

00:17:35,110 --> 00:17:32,400

continue to dream to explore further out

397

00:17:36,710 --> 00:17:35,120

into the solar system and to go further

398

00:17:39,110 --> 00:17:36,720

we're going to need to uh

399

00:17:40,549 --> 00:17:39,120

go on to a new vehicle and uh

400

00:17:42,710 --> 00:17:40,559

unfortunately the space shuttle is not

401
00:17:45,350 --> 00:17:42,720
that vehicle so we'll say good goodbye

402
00:17:50,630 --> 00:17:45,360
to the space shuttle and look forward to

403
00:17:56,070 --> 00:17:52,950
this is jill tulk with the cohasset

404
00:17:58,070 --> 00:17:56,080
mariner follow-up question for stevo

405
00:18:00,390 --> 00:17:58,080
the last time you were on orbit there

406
00:18:02,950 --> 00:18:00,400
wasn't the cupola of course

407
00:18:03,990 --> 00:18:02,960
could you describe for me the view or

408
00:18:11,270 --> 00:18:04,000
your

409
00:18:16,710 --> 00:18:14,470
do you have nose prints on there

410
00:18:19,590 --> 00:18:16,720
yeah the cupola is an amazing facility

411
00:18:22,390 --> 00:18:19,600
and really i think piers and

412
00:18:24,789 --> 00:18:22,400
tracy and garrett proved its value with

413
00:18:26,870 --> 00:18:24,799

the robotic operations which is the real

414

00:18:28,150 --> 00:18:26,880

purpose for its existence if they'd been

415

00:18:30,789 --> 00:18:28,160

up here a little bit early probably get

416

00:18:33,110 --> 00:18:30,799

a lot more use out of it but uh for

417

00:18:35,029 --> 00:18:33,120

those of us that aren't doing robotics

418

00:18:36,870 --> 00:18:35,039

it's just the most amazing place to sit

419

00:18:37,990 --> 00:18:36,880

and watch the world go by

420

00:18:39,590 --> 00:18:38,000

and uh

421

00:18:40,710 --> 00:18:39,600

you know it's an opportunity to look

422

00:18:41,909 --> 00:18:40,720

down and

423

00:18:48,150 --> 00:18:41,919

see what the world looks like and

424

00:18:52,710 --> 00:18:51,110

atlantis iss this is houston acr that

425

00:18:54,710 --> 00:18:52,720

concludes questions from the johnson

426

00:19:03,029 --> 00:18:54,720

space center please stand by for a voice

427

00:19:03,039 --> 00:19:10,150

this is jackson pao how do you hear me

428

00:19:10,160 --> 00:19:18,070

really loud and clear

429

00:19:18,080 --> 00:19:23,270

my name

430

00:19:28,230 --> 00:19:25,430

mr is the twitter king

431

00:19:30,950 --> 00:19:28,240

now you have been in the space for over

432

00:19:32,390 --> 00:19:30,960

160 days and about 10 days or so you'll

433

00:19:34,470 --> 00:19:32,400

be back to earth

434

00:19:36,070 --> 00:19:34,480

and now looking back

435

00:19:38,470 --> 00:19:36,080

are you do you think that this was a

436

00:19:41,750 --> 00:19:38,480

long stay or was it a short stay another

437

00:19:43,750 --> 00:19:41,760

question is after you come back to the

438

00:19:51,350 --> 00:19:43,760

earth what do you want to do where do

439

00:19:54,789 --> 00:19:53,110

yeah first of all let my crew member

440

00:19:56,390 --> 00:19:54,799

relax a little bit we have to be

441

00:20:02,710 --> 00:19:56,400

prepared for the japanese question

442

00:20:08,789 --> 00:20:04,830

yes i've been on the

443

00:20:10,630 --> 00:20:08,799

space over 160 days and it was really

444

00:20:12,310 --> 00:20:10,640

so short

445

00:20:13,270 --> 00:20:12,320

maybe i could stay two or three more

446

00:20:16,470 --> 00:20:13,280

months

447

00:20:19,510 --> 00:20:16,480

and the keyboard was so beautiful it's a

448

00:20:21,190 --> 00:20:19,520

wonderful experiment facility and the

449

00:20:22,470 --> 00:20:21,200

life here on the space

450

00:20:23,430 --> 00:20:22,480

international space station was

451
00:20:26,310 --> 00:20:23,440
wonderful

452
00:20:27,590 --> 00:20:26,320
now when i go home i want to go to a hot

453
00:20:29,909 --> 00:20:27,600
spring spa

454
00:20:31,750 --> 00:20:29,919
and spend my days there but i want to go

455
00:20:33,669 --> 00:20:31,760
back to houston where my family will be

456
00:20:36,710 --> 00:20:33,679
waiting for me and spend some time with

457
00:20:41,590 --> 00:20:38,470
my name is

458
00:20:43,750 --> 00:20:41,600
of nippon broadcasting he said that kibo

459
00:20:46,230 --> 00:20:43,760
was a wonderful experiment facility i

460
00:20:49,029 --> 00:20:46,240
would like to ask mr nobuchi

461
00:20:51,909 --> 00:20:49,039
now in uh the kibo you have been

462
00:20:54,390 --> 00:20:51,919
carrying out various experiences well it

463
00:20:56,630 --> 00:20:54,400

could be the experience itself or else

464

00:21:00,230 --> 00:20:56,640

others what is the most impressive thing

465

00:21:03,430 --> 00:21:00,240

that you felt in kibo

466

00:21:05,510 --> 00:21:03,440

and also mr furukawa and other

467

00:21:06,310 --> 00:21:05,520

uh people will be on the expedition as

468

00:21:07,430 --> 00:21:06,320

well

469

00:21:08,870 --> 00:21:07,440

so

470

00:21:10,710 --> 00:21:08,880

what are the things what are the

471

00:21:13,590 --> 00:21:10,720

possibilities in kibo what would would

472

00:21:17,029 --> 00:21:13,600

be the um potential accomplishments in

473

00:21:18,710 --> 00:21:17,039

keyboard do you would like to tell these

474

00:21:21,270 --> 00:21:18,720

people

475

00:21:23,190 --> 00:21:21,280

thank you very much i'm quite at the

476
00:21:27,270 --> 00:21:23,200
impression strong impression of when the

477
00:21:29,510 --> 00:21:27,280
january in keyboard for more fine arm

478
00:21:30,630 --> 00:21:29,520
new robot arm assembly was done in

479
00:21:33,350 --> 00:21:30,640
january

480
00:21:36,470 --> 00:21:33,360
in march from the airlock we have taken

481
00:21:37,669 --> 00:21:36,480
that out and actually operated in a

482
00:21:38,549 --> 00:21:37,679
space

483
00:21:41,190 --> 00:21:38,559
so

484
00:21:43,430 --> 00:21:41,200
kibo's basic functionality has been

485
00:21:44,789 --> 00:21:43,440
completed and that is i'm very happy

486
00:21:47,830 --> 00:21:44,799
about

487
00:21:48,870 --> 00:21:47,840
and furukasan will be coming up

488
00:21:50,310 --> 00:21:48,880

later

489

00:21:52,710 --> 00:21:50,320

in the future

490

00:21:55,430 --> 00:21:52,720

and what i do the experiment

491

00:21:56,789 --> 00:21:55,440

with the researchers on the ground

492

00:21:59,350 --> 00:21:56,799

through the interaction with the

493

00:22:00,950 --> 00:21:59,360

researchers on the ground and that would

494

00:22:04,630 --> 00:22:00,960

generate the new

495

00:22:06,710 --> 00:22:04,640

experiments and also some human

496

00:22:08,630 --> 00:22:06,720

humanistic experiments also there were

497

00:22:11,190 --> 00:22:08,640

new potentials as well for the

498

00:22:13,190 --> 00:22:11,200

humanities and those type of

499

00:22:15,510 --> 00:22:13,200

new experiments can be done as well and

500

00:22:18,789 --> 00:22:15,520

so we can further enhance the people in

501

00:22:26,230 --> 00:22:22,230

my name is mizno from nhk

502

00:22:28,870 --> 00:22:26,240

in 160 days already this is the longest

503

00:22:31,430 --> 00:22:28,880

stay in the space as a japanese person

504

00:22:34,230 --> 00:22:31,440

how is the physical condition

505

00:22:35,590 --> 00:22:34,240

you mentioned about you are able to stay

506

00:22:38,149 --> 00:22:35,600

you would be able to stay for another

507

00:22:40,630 --> 00:22:38,159

three months if you are required to but

508

00:22:44,630 --> 00:22:40,640

is that the limit or how is physical

509

00:22:49,750 --> 00:22:46,310

thank you for your question

510

00:22:53,029 --> 00:22:49,760

if my physical condition is very good in

511

00:22:55,029 --> 00:22:53,039

the first week i was not used to it and

512

00:22:56,390 --> 00:22:55,039

his first shot just like first shuttle

513

00:22:58,549 --> 00:22:56,400

flight

514

00:23:00,470 --> 00:22:58,559

uh there's a time

515

00:23:02,870 --> 00:23:00,480

in the beginning was rather

516

00:23:04,789 --> 00:23:02,880

challenging and difficult but after that

517

00:23:06,070 --> 00:23:04,799

i would get used to it and i felt more

518

00:23:08,789 --> 00:23:06,080

comfortable

519

00:23:12,549 --> 00:23:08,799

so about 160 days now

520

00:23:14,950 --> 00:23:12,559

so i could perhaps stay for extra two or

521

00:23:16,149 --> 00:23:14,960

three months i personally think

522

00:23:18,789 --> 00:23:16,159

but

523

00:23:20,870 --> 00:23:18,799

with my experience being accumulated

524

00:23:23,029 --> 00:23:20,880

more days in a state

525

00:23:25,430 --> 00:23:23,039

that would be i think that the more and

526

00:23:27,669 --> 00:23:25,440

more the time when the human can live in

527

00:23:29,190 --> 00:23:27,679

the space that they will come in future

528

00:23:32,470 --> 00:23:29,200

i think

529

00:23:33,669 --> 00:23:32,480

nagisan my name is kikuchi from kyodo

530

00:23:37,270 --> 00:23:33,679

tushin

531

00:23:40,549 --> 00:23:37,280

i have two questions for the fuji dry

532

00:23:42,630 --> 00:23:40,559

sea urchin and the tuna sashimi was

533

00:23:44,710 --> 00:23:42,640

brought but this is the raw fish how was

534

00:23:47,909 --> 00:23:44,720

the taste of the raw fish that was from

535

00:23:49,909 --> 00:23:47,919

the south pole exploration team

536

00:23:52,710 --> 00:23:49,919

how the other people evaluate about

537

00:23:54,230 --> 00:23:52,720

those raw fish you have taken a picture

538

00:23:56,710 --> 00:23:54,240

on the twitter

539

00:23:58,230 --> 00:23:56,720

when you come back to the ground

540

00:24:00,070 --> 00:23:58,240

what kind of pictures do you want to

541

00:24:04,310 --> 00:24:00,080

take on the ground when you come back to

542

00:24:10,070 --> 00:24:08,310

uh yes uh in the south uh antarctica a

543

00:24:11,029 --> 00:24:10,080

base station there was a lot of the

544

00:24:12,789 --> 00:24:11,039

space

545

00:24:15,350 --> 00:24:12,799

food and also we had the data

546

00:24:17,110 --> 00:24:15,360

communication with the antarctica base

547

00:24:19,029 --> 00:24:17,120

some data communication was done with

548

00:24:21,669 --> 00:24:19,039

antarctica base

549

00:24:24,310 --> 00:24:21,679

so in a very extremely

550

00:24:26,549 --> 00:24:24,320

cold environment those japanese we have

551
00:24:28,710 --> 00:24:26,559
to make very good exchange in terms of

552
00:24:32,070 --> 00:24:28,720
sushi that was very popular i enjoyed

553
00:24:35,110 --> 00:24:32,080
sushi but the other shuttle clues we had

554
00:24:38,149 --> 00:24:35,120
some sushi parties a few times

555
00:24:42,390 --> 00:24:38,159
and the american russian

556
00:24:43,990 --> 00:24:42,400
and enjoyed japanese sushi very much

557
00:24:46,950 --> 00:24:44,000
and

558
00:24:49,510 --> 00:24:46,960
in terms of twitter

559
00:24:51,990 --> 00:24:49,520
this is the beautiful scenes of the art

560
00:24:54,070 --> 00:24:52,000
that i want to take even more but not

561
00:24:56,630 --> 00:24:54,080
only from the space station

562
00:24:57,830 --> 00:24:56,640
uh i'm sure i can communicate about

563
00:25:00,710 --> 00:24:57,840

you'll be able to communicate about the

564

00:25:02,789 --> 00:25:00,720

beautiful scenes of the arts for sure

565

00:25:04,630 --> 00:25:02,799

my name is hayashi i'm a freelance

566

00:25:06,070 --> 00:25:04,640

journalist

567

00:25:09,190 --> 00:25:06,080

thank you very much

568

00:25:10,630 --> 00:25:09,200

you seem very enjoy seem to be enjoying

569

00:25:11,750 --> 00:25:10,640

your stay

570

00:25:14,310 --> 00:25:11,760

what are the

571

00:25:17,110 --> 00:25:14,320

stressful or challenging experience you

572

00:25:19,590 --> 00:25:17,120

have had in your stay so far

573

00:25:21,590 --> 00:25:19,600

under such situation how did you manage

574

00:25:23,750 --> 00:25:21,600

and cope with the stress

575

00:25:25,830 --> 00:25:23,760

and in a 10 days

576

00:25:27,590 --> 00:25:25,840

extra 10 days more stay in the space but

577

00:25:29,750 --> 00:25:27,600

if anything that you really like to

578

00:25:30,950 --> 00:25:29,760

accomplish or do before you come back to

579

00:25:32,870 --> 00:25:30,960

the earth

580

00:25:35,190 --> 00:25:32,880

thank you for your question

581

00:25:40,549 --> 00:25:35,200

in the first

582

00:25:42,630 --> 00:25:40,559

show one week when i look back that was

583

00:25:43,510 --> 00:25:42,640

quite challenging and difficult

584

00:25:46,070 --> 00:25:43,520

because

585

00:25:46,789 --> 00:25:46,080

i until the time of my body get used to

586

00:25:49,750 --> 00:25:46,799

it

587

00:25:53,029 --> 00:25:49,760

and then in one every day

588

00:25:55,510 --> 00:25:53,039

i have to work and accumulate

589

00:25:57,430 --> 00:25:55,520

day by day and focus on the mission i

590

00:25:58,789 --> 00:25:57,440

have to do on that day

591

00:26:00,390 --> 00:25:58,799

and also

592

00:26:03,029 --> 00:26:00,400

to do the good exchange and

593

00:26:08,230 --> 00:26:03,039

communication with people on the ground

594

00:26:10,390 --> 00:26:08,240

so that's how i come to the 160 days day

595

00:26:12,870 --> 00:26:10,400

for the long term stay but that is the

596

00:26:13,990 --> 00:26:12,880

repetition of the

597

00:26:17,029 --> 00:26:14,000

same day

598

00:26:20,470 --> 00:26:17,039

today so for the extra 10 days i have

599

00:26:22,789 --> 00:26:20,480

left i'd like to work and the to be

600

00:26:30,310 --> 00:26:22,799

healthy and a good honor for the rest of

601
00:26:34,070 --> 00:26:32,470
thank you for sending us beautiful

602
00:26:36,950 --> 00:26:34,080
pictures

603
00:26:39,430 --> 00:26:36,960
now uh from the kibo's window you were

604
00:26:41,830 --> 00:26:39,440
able to see the space and the earth

605
00:26:44,870 --> 00:26:41,840
what was the most wonderful

606
00:26:49,830 --> 00:26:44,880
scene that was the most impressive to

607
00:26:53,830 --> 00:26:51,430
yes the earth

608
00:26:55,750 --> 00:26:53,840
no matter where it was beautiful

609
00:26:56,950 --> 00:26:55,760
and it was this

610
00:26:58,390 --> 00:26:56,960
beauty

611
00:27:00,950 --> 00:26:58,400
that we've never

612
00:27:02,950 --> 00:27:00,960
seen i think earth is full of such

613
00:27:07,110 --> 00:27:02,960

beauty which is not

614

00:27:09,510 --> 00:27:07,120

so much known to us before so i was able

615

00:27:12,149 --> 00:27:09,520

to discover the beauty every day

616

00:27:14,630 --> 00:27:12,159

and another thing is that when the space

617

00:27:16,870 --> 00:27:14,640

shuttle stops or when

618

00:27:18,470 --> 00:27:16,880

the space shuttle re-enters the

619

00:27:19,269 --> 00:27:18,480

atmosphere

620

00:27:25,750 --> 00:27:19,279

i

621

00:27:28,389 --> 00:27:25,760

back to the earth

622

00:27:31,430 --> 00:27:28,399

it's really overwhelming

623

00:27:35,430 --> 00:27:31,440

and it's really powerful

624

00:27:38,389 --> 00:27:35,440

and you can see that our friend is there

625

00:27:41,430 --> 00:27:38,399

and that was really a moving uh scene

626

00:27:53,669 --> 00:27:44,470

my name is star from maine

627

00:27:57,830 --> 00:27:55,430

had been

628

00:28:00,070 --> 00:27:57,840

saying that there has been no

629

00:28:02,789 --> 00:28:00,080

accomplishments in terms of industrial

630

00:28:04,870 --> 00:28:02,799

aspects of the scientific experiments

631

00:28:05,830 --> 00:28:04,880

carried out by iss

632

00:28:07,029 --> 00:28:05,840

so

633

00:28:10,230 --> 00:28:07,039

well

634

00:28:12,870 --> 00:28:10,240

yeah there's a budget of 40 billion yen

635

00:28:17,430 --> 00:28:12,880

annually spent for this program what is

636

00:28:21,029 --> 00:28:19,350

well yes i think that is a very

637

00:28:23,830 --> 00:28:21,039

important question

638

00:28:24,950 --> 00:28:23,840

i think in this keyboard

639

00:28:27,350 --> 00:28:24,960

uh

640

00:28:29,590 --> 00:28:27,360

there is this is a

641

00:28:31,029 --> 00:28:29,600

facility where various experiments are

642

00:28:33,750 --> 00:28:31,039

being conducted

643

00:28:35,830 --> 00:28:33,760

and so together with the researchers on

644

00:28:37,750 --> 00:28:35,840

the ground we have been conducting

645

00:28:40,789 --> 00:28:37,760

various experiments and the

646

00:28:42,230 --> 00:28:40,799

accomplishments are huge and we have

647

00:28:44,070 --> 00:28:42,240

been able to conduct wonderful

648

00:28:45,830 --> 00:28:44,080

experiments and we'd like to share that

649

00:28:47,669 --> 00:28:45,840

to the research among the

650

00:28:48,789 --> 00:28:47,679

researchers in the world

651
00:28:51,190 --> 00:28:48,799
and so

652
00:28:52,630 --> 00:28:51,200
the other experiments will be

653
00:28:54,149 --> 00:28:52,640
returned

654
00:29:01,190 --> 00:28:54,159
to

655
00:29:03,669 --> 00:29:01,200
the people what we have been doing my

656
00:29:05,669 --> 00:29:03,679
name is savannah from kyodo tsushi

657
00:29:08,149 --> 00:29:05,679
you said that freeze dry tuna was very

658
00:29:11,029 --> 00:29:08,159
delicious now what would you bring to

659
00:29:13,430 --> 00:29:11,039
the space if you had another chance

660
00:29:16,710 --> 00:29:13,440
and also what is the one thing that you

661
00:29:19,029 --> 00:29:16,720
want to eat back here on laura

662
00:29:21,830 --> 00:29:19,039
well yes thank you very much

663
00:29:27,909 --> 00:29:24,230

the next time if i have a chance of

664

00:29:29,029 --> 00:29:27,919

course i ate sushi this time so perhaps

665

00:29:32,389 --> 00:29:29,039

it will be

666

00:29:36,070 --> 00:29:32,399

an ordinary soba or udon noodles i might

667

00:29:39,830 --> 00:29:36,080

enjoy those that um the fast food

668

00:29:40,870 --> 00:29:39,840

noodles um i think they may be delicious

669

00:29:42,789 --> 00:29:40,880

here

670

00:29:45,190 --> 00:29:42,799

when i go back to earth

671

00:29:46,230 --> 00:29:45,200

well i would like to spend time with my

672

00:29:49,269 --> 00:29:46,240

family

673

00:29:51,909 --> 00:29:49,279

and eat ordinary daily food

674

00:29:53,750 --> 00:29:51,919

hot warm food and i'd like to eat it

675

00:29:57,510 --> 00:29:53,760

with hashi

676

00:30:01,110 --> 00:29:59,990

i'd like to ask mr nobody

677

00:30:03,830 --> 00:30:01,120

well from

678

00:30:06,070 --> 00:30:03,840

you'll be taking the flight

679

00:30:09,510 --> 00:30:06,080

on soyuz

680

00:30:11,830 --> 00:30:09,520

to and back to to the space and back

681

00:30:14,389 --> 00:30:11,840

back to the earth as well so what was

682

00:30:16,310 --> 00:30:14,399

your impression there had been soyuz has

683

00:30:18,070 --> 00:30:16,320

uh experienced various troubles in the

684

00:30:27,029 --> 00:30:18,080

past is there anything that you're

685

00:30:31,110 --> 00:30:28,310

and i

686

00:30:32,470 --> 00:30:31,120

had uh enjoyed a very uh wonderful

687

00:30:33,669 --> 00:30:32,480

experience here

688

00:30:36,149 --> 00:30:33,679

but they met

689

00:30:39,269 --> 00:30:36,159

to be able to be involved in the manned

690

00:30:42,470 --> 00:30:39,279

flight of space aircraft is something

691

00:30:44,230 --> 00:30:42,480

that is really honoring to me and so i

692

00:30:46,389 --> 00:30:44,240

would like to

693

00:30:49,110 --> 00:30:46,399

use this experience of mine this time

694

00:30:52,389 --> 00:30:49,120

for further development now soyuz has a

695

00:30:54,950 --> 00:30:52,399

long history and in terms of safety i

696

00:30:57,909 --> 00:30:54,960

think that it is very high even if there

697

00:31:00,870 --> 00:30:57,919

is um abnormalities there are systems

698

00:31:02,950 --> 00:31:00,880

that could back up so multiple

699

00:31:08,950 --> 00:31:02,960

uh

700

00:31:14,230 --> 00:31:08,960

technology is there so i have no anxiety

701
00:31:14,240 --> 00:31:17,509
this is a

702
00:31:22,710 --> 00:31:19,350
now you s about there was significance

703
00:31:23,669 --> 00:31:22,720
of iss i'd like to ask some questions um

704
00:31:26,789 --> 00:31:23,679
i'm sure

705
00:31:27,990 --> 00:31:26,799
there are some um

706
00:31:30,950 --> 00:31:28,000
opinions

707
00:31:33,830 --> 00:31:30,960
on experiments in in space but is would

708
00:31:37,029 --> 00:31:33,840
there be any proposals that you can make

709
00:31:38,789 --> 00:31:37,039
on possible experiments in space

710
00:31:43,029 --> 00:31:38,799
are there anything that you

711
00:31:47,830 --> 00:31:45,190
yes this time

712
00:31:50,710 --> 00:31:47,840
in the new experience was the

713
00:31:53,029 --> 00:31:50,720

the fish uh scope

714

00:31:53,909 --> 00:31:53,039

uh scale and uh

715

00:31:56,389 --> 00:31:53,919

so

716

00:31:58,950 --> 00:31:56,399

as the age we are now going to

717

00:32:00,870 --> 00:31:58,960

experience the aging society and the

718

00:32:03,669 --> 00:32:00,880

bone people's bones will be more

719

00:32:07,190 --> 00:32:03,679

vulnerable and weak so the kibo's

720

00:32:08,870 --> 00:32:07,200

experience may help to

721

00:32:11,350 --> 00:32:08,880

solve these issues

722

00:32:13,110 --> 00:32:11,360

using our own physical body

723

00:32:16,870 --> 00:32:13,120

we were able to

724

00:32:22,310 --> 00:32:20,470

have some experiments on the bones so

725

00:32:25,669 --> 00:32:22,320

perhaps we could

726

00:32:28,950 --> 00:32:25,679

contribute to the solution of health

727

00:32:31,590 --> 00:32:28,960

issues that people have on earth and i

728

00:32:34,389 --> 00:32:31,600

think that that kind of experience

729

00:32:37,350 --> 00:32:34,399

is a very important

730

00:32:38,470 --> 00:32:37,360

osteoporosis issue is something that is

731

00:32:41,190 --> 00:32:38,480

shared

732

00:32:42,549 --> 00:32:41,200

by many people so i think many of the

733

00:32:44,389 --> 00:32:42,559

japanese would understand the

734

00:32:47,269 --> 00:32:44,399

significance my name is hayashi

735

00:32:48,630 --> 00:32:47,279

freelance i have two questions

736

00:32:54,470 --> 00:32:48,640

now on the

737

00:32:57,029 --> 00:32:54,480

well iss is a huge artificial space but

738

00:32:58,070 --> 00:32:57,039

outside of the wall there there's a huge

739

00:33:00,389 --> 00:32:58,080

space

740

00:33:03,909 --> 00:33:00,399

and so

741

00:33:05,269 --> 00:33:03,919

here's a glue gun now this is a closed

742

00:33:08,230 --> 00:33:05,279

facility

743

00:33:11,750 --> 00:33:08,240

and i'll just one side out of it there's

744

00:33:13,990 --> 00:33:11,760

death i suppose aren't you

745

00:33:15,029 --> 00:33:14,000

don't you feel the threat of death

746

00:33:18,070 --> 00:33:15,039

because

747

00:33:18,789 --> 00:33:18,080

i hear that uh you sound alarms going

748

00:33:20,870 --> 00:33:18,799

off

749

00:33:23,430 --> 00:33:20,880

frequently is it

750

00:33:25,990 --> 00:33:23,440

is it some place where you can live

751
00:33:27,669 --> 00:33:26,000
ordinarily without feeling such threat

752
00:33:31,750 --> 00:33:27,679
and also

753
00:33:33,029 --> 00:33:31,760
240 000 followers have for your twitter

754
00:33:35,029 --> 00:33:33,039
and so

755
00:33:37,750 --> 00:33:35,039
have you ever imagined that you have

756
00:33:40,070 --> 00:33:37,760
such 240 000 followers or followers of

757
00:33:46,149 --> 00:33:40,080
this twitter are there anything that you

758
00:33:47,990 --> 00:33:47,110
yes

759
00:33:49,029 --> 00:33:48,000
in the

760
00:33:51,750 --> 00:33:49,039
last

761
00:33:53,350 --> 00:33:51,760
flight i was scared i carried out space

762
00:33:55,750 --> 00:33:53,360
swap

763
00:33:59,029 --> 00:33:55,760

and at that time

764

00:34:01,990 --> 00:33:59,039

i thought that um

765

00:34:05,029 --> 00:34:02,000

with that space suit

766

00:34:07,909 --> 00:34:05,039

out of that space suit it is a world of

767

00:34:09,990 --> 00:34:07,919

death or darkness and i felt it with my

768

00:34:11,270 --> 00:34:10,000

own body

769

00:34:14,550 --> 00:34:11,280

and now

770

00:34:17,430 --> 00:34:14,560

this time we have this cupola it's a big

771

00:34:18,869 --> 00:34:17,440

window but when we look at the space

772

00:34:21,349 --> 00:34:18,879

through the window

773

00:34:23,750 --> 00:34:21,359

we could see that

774

00:34:25,270 --> 00:34:23,760

there is no difference

775

00:34:28,310 --> 00:34:25,280

i can't feel such a big difference

776

00:34:29,349 --> 00:34:28,320

between inside and outside of the

777

00:34:30,790 --> 00:34:29,359

window

778

00:34:32,230 --> 00:34:30,800

so

779

00:34:35,030 --> 00:34:32,240

it's like

780

00:34:37,669 --> 00:34:35,040

because the earth is just one of the uh

781

00:34:40,629 --> 00:34:37,679

planets that is floating in the space as

782

00:34:43,669 --> 00:34:40,639

we are as well well iss cannot be uh

783

00:34:46,069 --> 00:34:43,679

called a planet however but we are both

784

00:34:49,829 --> 00:34:46,079

floating in the space so maybe we're

785

00:34:51,909 --> 00:34:49,839

equally equal so for us human being

786

00:34:55,030 --> 00:34:51,919

we are

787

00:34:56,389 --> 00:34:55,040

people our crew who are on

788

00:34:59,109 --> 00:34:56,399

this

789

00:35:02,069 --> 00:34:59,119

planet earth so it's the same thing

790

00:35:04,550 --> 00:35:02,079

so as for the twitter i didn't expect

791

00:35:06,470 --> 00:35:04,560

that there will be so many followers and

792

00:35:09,109 --> 00:35:06,480

i didn't think that so many people would

793

00:35:10,550 --> 00:35:09,119

sympathize with me

794

00:35:13,670 --> 00:35:10,560

and so

795

00:35:39,430 --> 00:35:14,470

i

796

00:35:39,440 --> 00:35:42,230

thank you