



1
00:00:22,710 --> 00:00:03,590
i'm sts-131 mission specialist clay

2
00:00:42,709 --> 00:00:25,910
i remember standing there

3
00:00:42,719 --> 00:00:48,709
maybe someday i could fly

4
00:00:48,719 --> 00:01:08,149
didn't care for childhood

5
00:01:08,159 --> 00:01:19,990
look at me i'm free to save the sky

6
00:01:20,000 --> 00:01:37,990
such a beautiful delight

7
00:01:43,670 --> 00:01:39,910
good morning discovery and a special

8
00:01:47,590 --> 00:01:45,510
hello megan

9
00:01:50,469 --> 00:01:47,600
uh thank you so much for that beautiful

10
00:01:52,389 --> 00:01:50,479
song the miracle of flight

11
00:01:54,469 --> 00:01:52,399
having been up here a couple times now

12
00:01:56,550 --> 00:01:54,479
it truly is a miracle from the wright

13
00:01:59,030 --> 00:01:56,560

brothers at kitty hawk to the space

14

00:02:00,550 --> 00:01:59,040

shuttle discovery and the international

15

00:02:02,950 --> 00:02:00,560

space station i don't think there's a

16

00:02:04,709 --> 00:02:02,960

better phrase to describe any of this

17

00:02:05,670 --> 00:02:04,719

and i'd like to thank my beautiful wife

18

00:02:07,830 --> 00:02:05,680

susan

19

00:02:09,830 --> 00:02:07,840

and my son cole and my daughter sutton

20

00:02:11,270 --> 00:02:09,840

marie and all the folks on the ground

21

00:02:12,949 --> 00:02:11,280

for allowing me this wonderful

22

00:02:14,630 --> 00:02:12,959

opportunity thanks and good morning

23

00:02:18,070 --> 00:02:14,640

houston

24

00:02:20,070 --> 00:02:18,080

thanks clay and we couldn't agree more

25

00:02:21,510 --> 00:02:20,080

this is gina cincer abc news for

26

00:02:23,910 --> 00:02:21,520

commander poindexter it looks like

27

00:02:25,910 --> 00:02:23,920

you've got a packed house up there

28

00:02:27,589 --> 00:02:25,920

but this week we're celebrating a lot of

29

00:02:29,830 --> 00:02:27,599

anniversaries and i'm wondering if you

30

00:02:32,229 --> 00:02:29,840

would take a minute to reflect on the

31

00:02:33,910 --> 00:02:32,239

accomplishments of the space program and

32

00:02:35,270 --> 00:02:33,920

and kind of your vision of where you

33

00:02:37,270 --> 00:02:35,280

would like to see things go in the

34

00:02:39,030 --> 00:02:37,280

future

35

00:02:42,070 --> 00:02:39,040

gina thanks for the question nice

36

00:02:46,710 --> 00:02:45,030

on april 12th we celebrated two great

37

00:02:50,309 --> 00:02:46,720

anniversaries

38

00:02:52,150 --> 00:02:50,319

the first was with our russian partners

39

00:02:54,710 --> 00:02:52,160

and their anniversary of yuri gagarin's

40

00:02:57,589 --> 00:02:54,720

launch in 1961

41

00:02:59,030 --> 00:02:57,599

and the second was of course the

42

00:03:00,229 --> 00:02:59,040

anniversary of the first launch of the

43

00:03:03,589 --> 00:03:00,239

space shuttle

44

00:03:06,869 --> 00:03:03,599

on april 12 1981 with captain john young

45

00:03:08,550 --> 00:03:06,879

and captain bob crippen aboard

46

00:03:10,949 --> 00:03:08,560

i think it's a

47

00:03:13,350 --> 00:03:10,959

great way and a great time to reflect on

48

00:03:14,470 --> 00:03:13,360

all the accomplishments of both space

49

00:03:16,070 --> 00:03:14,480

programs

50

00:03:17,430 --> 00:03:16,080

as well as our international partnership

51

00:03:19,750 --> 00:03:17,440

together

52

00:03:21,589 --> 00:03:19,760

as you can see we have three nations

53

00:03:23,750 --> 00:03:21,599

represented in this group of 13

54

00:03:25,430 --> 00:03:23,760

astronauts and cosmonauts

55

00:03:26,470 --> 00:03:25,440

and i think it's just great that we're

56

00:03:29,750 --> 00:03:26,480

up here on the international space

57

00:03:35,030 --> 00:03:31,830

with joint research and joint technology

58

00:03:39,589 --> 00:03:37,430

and doing a wonderful work for all of

59

00:03:41,110 --> 00:03:39,599

humankind

60

00:03:43,270 --> 00:03:41,120

hi this is robert perlman with

61

00:03:45,270 --> 00:03:43,280

collectspace.com

62

00:03:47,750 --> 00:03:45,280

for clay anderson

63

00:03:49,830 --> 00:03:47,760

one of the themes of apollo 13 which

64

00:03:51,670 --> 00:03:49,840
occurred 40 years ago this week

65

00:03:53,350 --> 00:03:51,680
was that the media and public had been

66

00:03:55,750 --> 00:03:53,360
mostly turned off to the mission until

67

00:03:57,030 --> 00:03:55,760
something went wrong

68

00:03:58,789 --> 00:03:57,040
you and your crewmates have had your

69

00:04:00,390 --> 00:03:58,799
share of minor glitches on this flight

70

00:04:02,550 --> 00:04:00,400
which have provided for some headlines

71

00:04:03,910 --> 00:04:02,560
here on earth but do you feel the public

72

00:04:07,030 --> 00:04:03,920
should be more aware of your mission

73

00:04:09,030 --> 00:04:07,040
when everything is going nominally

74

00:04:11,670 --> 00:04:09,040
well i think yes they should

75

00:04:14,070 --> 00:04:11,680
you know what we do here is special what

76

00:04:16,310 --> 00:04:14,080

we do here is difficult and what we do

77

00:04:18,469 --> 00:04:16,320

here is a great example of what humans

78

00:04:20,310 --> 00:04:18,479

can do if they work hard if they work

79

00:04:22,230 --> 00:04:20,320

smartly and if they work together so

80

00:04:24,070 --> 00:04:22,240

yeah i'd really like to see everybody

81

00:04:25,590 --> 00:04:24,080

pay more attention when

82

00:04:27,030 --> 00:04:25,600

we're up here regardless of whether

83

00:04:30,310 --> 00:04:27,040

things are going well or whether they're

84

00:04:34,390 --> 00:04:32,469

and a question for dottie metcalf

85

00:04:36,070 --> 00:04:34,400

lindenberger

86

00:04:38,390 --> 00:04:36,080

looking at the photographs when you

87

00:04:40,150 --> 00:04:38,400

attended space camp and thinking of the

88

00:04:41,670 --> 00:04:40,160

campers that have now followed you and

89

00:04:43,350 --> 00:04:41,680

are there now

90

00:04:44,710 --> 00:04:43,360

can you give a sense of how real space

91

00:04:47,189 --> 00:04:44,720

flight compares to what you thought it

92

00:04:48,469 --> 00:04:47,199

was it would be like at age 14 it

93

00:04:50,950 --> 00:04:48,479

certainly looks like you're having just

94

00:04:53,749 --> 00:04:50,960

as much fun

95

00:04:57,590 --> 00:04:53,759

well uh when i was at space camp i one

96

00:04:59,749 --> 00:04:57,600

of my simulations was to be in the lab

97

00:05:01,270 --> 00:04:59,759

and it was more of a space hab on the

98

00:05:02,870 --> 00:05:01,280

shuttle but

99

00:05:05,430 --> 00:05:02,880

i have actually had a chance to go

100

00:05:07,189 --> 00:05:05,440

throughout iss and see the experiments

101
00:05:09,270 --> 00:05:07,199
that are going on

102
00:05:10,790 --> 00:05:09,280
our flight we don't have time to

103
00:05:13,029 --> 00:05:10,800
participate in experiments that's what

104
00:05:14,790 --> 00:05:13,039
the iss crew is for but this is what i

105
00:05:17,029 --> 00:05:14,800
would have imagined as a 14 year old

106
00:05:18,070 --> 00:05:17,039
that a space lab looked like

107
00:05:20,390 --> 00:05:18,080
and

108
00:05:23,110 --> 00:05:20,400
the shuttle ride was very exciting

109
00:05:24,710 --> 00:05:23,120
nothing that i could quite ever imagine

110
00:05:26,629 --> 00:05:24,720
but i hope that all

111
00:05:29,350 --> 00:05:26,639
students out there whether you're

112
00:05:33,510 --> 00:05:29,360
attending space camp or not are

113
00:05:38,870 --> 00:05:36,469

russia done of the associated press

114

00:05:41,350 --> 00:05:38,880

probably for commander poindexter i'm

115

00:05:42,070 --> 00:05:41,360

wondering if you have any plans or hopes

116

00:05:44,150 --> 00:05:42,080

of

117

00:05:46,710 --> 00:05:44,160

listening in real time to the

118

00:05:48,550 --> 00:05:46,720

presidential space policy speech that

119

00:05:50,230 --> 00:05:48,560

will be going on at kennedy space center

120

00:05:51,830 --> 00:05:50,240

tomorrow afternoon

121

00:05:53,189 --> 00:05:51,840

you'll still be up it'll be close to

122

00:05:54,870 --> 00:05:53,199

bedtime but i didn't know if mission

123

00:05:55,590 --> 00:05:54,880

control is going to try to accommodate

124

00:06:00,150 --> 00:05:55,600

you

125

00:06:02,309 --> 00:06:00,160

being up there and missing um

126

00:06:05,110 --> 00:06:02,319

all the space goings on down here with

127

00:06:06,790 --> 00:06:05,120

the new policies being announced

128

00:06:08,870 --> 00:06:06,800

well that's a good question uh we're

129

00:06:10,870 --> 00:06:08,880

real busy as you know on orbit uh with

130

00:06:12,950 --> 00:06:10,880

our transfer operations and tomorrow is

131

00:06:14,390 --> 00:06:12,960

a big day where we put the mplm back in

132

00:06:16,469 --> 00:06:14,400

the payload bay

133

00:06:19,749 --> 00:06:16,479

we're keeping uh abreast of all current

134

00:06:21,830 --> 00:06:19,759

news uh the the mission control center

135

00:06:23,830 --> 00:06:21,840

sends us news every day here on space

136

00:06:26,150 --> 00:06:23,840

station they have a lot of assets that

137

00:06:29,029 --> 00:06:26,160

allow us to get uh current news so yeah

138

00:06:30,550 --> 00:06:29,039

we're staying abreast of of most of the

139

00:06:31,749 --> 00:06:30,560

of the current news

140

00:06:33,110 --> 00:06:31,759

and

141

00:06:34,790 --> 00:06:33,120

as far as

142

00:06:35,909 --> 00:06:34,800

as real time

143

00:06:37,749 --> 00:06:35,919

i don't have

144

00:06:41,670 --> 00:06:37,759

don't know of any plans to tie us in for

145

00:06:45,350 --> 00:06:43,270

thank you and

146

00:06:47,350 --> 00:06:45,360

the question for any or all of the four

147

00:06:50,309 --> 00:06:47,360

upside down women you look upside down

148

00:06:51,589 --> 00:06:50,319

from this point of view anyway how is it

149

00:06:54,150 --> 00:06:51,599

having

150

00:06:55,749 --> 00:06:54,160

a crowd of four women in space all

151
00:06:59,110 --> 00:06:55,759
together at the same time what does it

152
00:07:03,830 --> 00:07:01,189
well it's certainly a pleasure to be

153
00:07:05,270 --> 00:07:03,840
part of a mission with that

154
00:07:07,670 --> 00:07:05,280
two additional women or three total

155
00:07:09,430 --> 00:07:07,680
women on the shuttle and joining uh

156
00:07:11,990 --> 00:07:09,440
tracy caldwell on the space station for

157
00:07:13,670 --> 00:07:12,000
four women in space total and it really

158
00:07:15,430 --> 00:07:13,680
is a testament to

159
00:07:17,110 --> 00:07:15,440
the hard work of

160
00:07:18,870 --> 00:07:17,120
women we've had

161
00:07:21,270 --> 00:07:18,880
the benefit of the mentorship of many

162
00:07:24,230 --> 00:07:21,280
women in the astronaut office that now

163
00:07:26,309 --> 00:07:24,240

reaching over having 50 women in space

164

00:07:29,029 --> 00:07:26,319

and really is a testament to the hard

165

00:07:31,270 --> 00:07:29,039

work and accomplishments of women and we

166

00:07:34,070 --> 00:07:31,280

hope to inspire young women to follow in

167

00:07:36,150 --> 00:07:34,080

our footsteps and to pursue their dreams

168

00:07:37,830 --> 00:07:36,160

have there been any advantages that you

169

00:07:41,350 --> 00:07:37,840

can see of having

170

00:07:42,150 --> 00:07:41,360

so many women on space for this flight

171

00:07:45,430 --> 00:07:42,160

well

172

00:07:47,670 --> 00:07:45,440

due to uh discipline and background we

173

00:07:50,469 --> 00:07:47,680

each bring a unique perspective and a

174

00:07:52,550 --> 00:07:50,479

different look perhaps at procedures or

175

00:07:54,790 --> 00:07:52,560

activities and so

176

00:07:57,749 --> 00:07:54,800

we really just believe that we

177

00:08:00,070 --> 00:07:57,759

bring an additional aspect to the

178

00:08:01,670 --> 00:08:00,080

mission and it's just nice to be able to

179

00:08:03,110 --> 00:08:01,680

share this experience actually with all

180

00:08:05,749 --> 00:08:03,120

of the crew members both the shuttle and

181

00:08:07,830 --> 00:08:05,759

the space station

182

00:08:09,510 --> 00:08:07,840

thank you and and final question from

183

00:08:12,869 --> 00:08:09,520

here at the kennedy space center for

184

00:08:15,270 --> 00:08:12,879

either clay anderson or rick mastracchio

185

00:08:18,070 --> 00:08:15,280

um you had a struggle so much with those

186

00:08:21,189 --> 00:08:18,080

bolts over the last three space walks it

187

00:08:23,270 --> 00:08:21,199

you must be pretty tuckered out um

188

00:08:27,430 --> 00:08:23,280

how tiring was it how tired are you

189

00:08:28,950 --> 00:08:27,440

today and do you really need to stay off

190

00:08:30,550 --> 00:08:28,960

well it may have seemed like we're

191

00:08:32,230 --> 00:08:30,560

working hard but actually as we were

192

00:08:33,990 --> 00:08:32,240

struggling with those bolts we were just

193

00:08:35,350 --> 00:08:34,000

doing a lot more thinking than we were

194

00:08:37,029 --> 00:08:35,360

actually working

195

00:08:39,029 --> 00:08:37,039

as we worked with mission control and

196

00:08:41,029 --> 00:08:39,039

the folks inside the space station with

197

00:08:42,870 --> 00:08:41,039

dottie and the robotics folks to try to

198

00:08:45,110 --> 00:08:42,880

figure out a plan to get that

199

00:08:47,829 --> 00:08:45,120

tank in place so really physically

200

00:08:51,110 --> 00:08:47,839

wasn't too difficult

201
00:08:53,030 --> 00:08:51,120
and today clay and i feel fine and

202
00:08:54,550 --> 00:08:53,040
if necessary we'll go out for future

203
00:08:55,910 --> 00:08:54,560
spacewalks but hopefully none of those

204
00:08:57,990 --> 00:08:55,920
will be required

205
00:09:00,230 --> 00:08:58,000
and we we're enjoying our day off at

206
00:09:01,990 --> 00:09:00,240
will after this and we're looking

207
00:09:03,110 --> 00:09:02,000
forward to more work and returning home

208
00:09:05,509 --> 00:09:03,120
shortly

209
00:09:08,150 --> 00:09:05,519
it's joe matthew from siriusxm satellite

210
00:09:10,630 --> 00:09:08,160
radio question for uh captain poindexter

211
00:09:12,230 --> 00:09:10,640
with with only three missions left i

212
00:09:13,990 --> 00:09:12,240
just wonder what your feelings are what

213
00:09:15,750 --> 00:09:14,000

kind of emotions you're feeling uh

214

00:09:17,269 --> 00:09:15,760

knowing that this will be your final

215

00:09:19,590 --> 00:09:17,279

shuttle mission and the program is

216

00:09:21,509 --> 00:09:19,600

winding down

217

00:09:22,949 --> 00:09:21,519

thanks for your question uh

218

00:09:26,150 --> 00:09:22,959

i think all of us feel really really

219

00:09:30,310 --> 00:09:26,160

lucky to be here very honored and

220

00:09:32,790 --> 00:09:30,320

very proud to represent our countries

221

00:09:34,150 --> 00:09:32,800

and i i think it's just a lucky lucky

222

00:09:36,150 --> 00:09:34,160

experience that i wish more people could

223

00:09:38,150 --> 00:09:36,160

have

224

00:09:39,110 --> 00:09:38,160

i feel really honored to be a part of

225

00:09:42,710 --> 00:09:39,120

the

226
00:09:43,750 --> 00:09:42,720
shuttle's brought

227
00:09:46,870 --> 00:09:43,760
and

228
00:09:47,750 --> 00:09:46,880
i i we all hate to see it go

229
00:09:51,590 --> 00:09:47,760
but

230
00:09:54,070 --> 00:09:51,600
as programs age and as vehicles age

231
00:09:55,990 --> 00:09:54,080
it comes time to say

232
00:09:59,590 --> 00:09:56,000
say goodbye to those and look forward to

233
00:10:01,269 --> 00:09:59,600
others and it's time to celebrate the

234
00:10:02,790 --> 00:10:01,279
all of the

235
00:10:08,230 --> 00:10:02,800
accomplishments that the shuttle program

236
00:10:12,389 --> 00:10:10,230
oh hello this is nell greenfield boyce

237
00:10:14,790 --> 00:10:12,399
with national public radio this is for

238
00:10:17,030 --> 00:10:14,800

the american residents of the station do

239

00:10:19,590 --> 00:10:17,040

you feel there's any need for more crew

240

00:10:22,949 --> 00:10:19,600

emergency escape spacecraft on station

241

00:10:24,389 --> 00:10:22,959

when the shuttle is not docked

242

00:10:26,710 --> 00:10:24,399

actually we have quite a bit of

243

00:10:28,230 --> 00:10:26,720

confidence in the the soyuz that brought

244

00:10:30,550 --> 00:10:28,240

us here and

245

00:10:33,190 --> 00:10:30,560

there is enough room in each soyuz to

246

00:10:34,790 --> 00:10:33,200

bring us home in case of emergency so

247

00:10:36,310 --> 00:10:34,800

i think the one

248

00:10:38,389 --> 00:10:36,320

thing that we'll miss the most about the

249

00:10:40,150 --> 00:10:38,399

shuttle is um

250

00:10:42,790 --> 00:10:40,160

of course the the magnificent vehicle

251
00:10:45,670 --> 00:10:42,800
that it is but the uh payload power that

252
00:10:47,430 --> 00:10:45,680
it has to bring up necessary supplies

253
00:10:48,550 --> 00:10:47,440
and spares and that will be one of the

254
00:10:50,870 --> 00:10:48,560
most

255
00:10:53,269 --> 00:10:50,880
crucial things that we'll miss

256
00:10:56,630 --> 00:10:53,279
with having only soyuz

257
00:10:59,350 --> 00:10:56,640
vehicles attached but as far as

258
00:11:01,590 --> 00:10:59,360
our safety goes and and our confidence

259
00:11:03,509 --> 00:11:01,600
in needing to evacuate

260
00:11:05,590 --> 00:11:03,519
in case of an emergency i think all of

261
00:11:07,030 --> 00:11:05,600
us here and those on the ground feel

262
00:11:10,069 --> 00:11:07,040
very confident with the vehicles that we

263
00:11:14,310 --> 00:11:12,069

hello to you all this is stacy bivens

264

00:11:16,870 --> 00:11:14,320

with russia today i'm wondering how does

265

00:11:18,949 --> 00:11:16,880

it feel emotionally to be in space

266

00:11:21,110 --> 00:11:18,959

living in zero gravity and seeing the

267

00:11:23,430 --> 00:11:21,120

world in a perspective that most of us

268

00:11:25,829 --> 00:11:23,440

will never get to see now tj this is

269

00:11:27,829 --> 00:11:25,839

your first mission are you mesmerized

270

00:11:29,910 --> 00:11:27,839

when you look out and see the earth and

271

00:11:33,350 --> 00:11:29,920

oleg and sayuchi this is your second

272

00:11:34,870 --> 00:11:33,360

mission how did it compare to your first

273

00:11:37,190 --> 00:11:34,880

the first thing i can share with you is

274

00:11:38,389 --> 00:11:37,200

that living in space is a wonderful

275

00:11:40,310 --> 00:11:38,399

experience

276
00:11:41,750 --> 00:11:40,320
as a kid you sometimes dream about

277
00:11:43,030 --> 00:11:41,760
flying and floating and all that kind of

278
00:11:45,590 --> 00:11:43,040
stuff we're actually living that

279
00:11:47,110 --> 00:11:45,600
experience now you've asked a very

280
00:11:48,790 --> 00:11:47,120
insightful question about looking out

281
00:11:51,750 --> 00:11:48,800
and seeing the world

282
00:11:54,389 --> 00:11:51,760
it is breathtaking the cupola windows

283
00:11:56,230 --> 00:11:54,399
provide you a vista that absolutely

284
00:11:58,310 --> 00:11:56,240
stops what you're doing sometimes i was

285
00:12:00,629 --> 00:11:58,320
working out on the in on the weight

286
00:12:01,670 --> 00:12:00,639
lifting device that we use and while i

287
00:12:04,230 --> 00:12:01,680
was doing that looking through the

288
00:12:05,350 --> 00:12:04,240

window and we passed over chicago in a

289

00:12:07,269 --> 00:12:05,360

skyleless

290

00:12:08,949 --> 00:12:07,279

cloudless night and it was so stunning i

291

00:12:12,310 --> 00:12:08,959

had to stop and just go take a look it

292

00:12:17,430 --> 00:12:15,110

okay and also tracy i understand that

293

00:12:19,829 --> 00:12:17,440

one of your hobbies is singing how does

294

00:12:21,670 --> 00:12:19,839

being in space affect your vocal range

295

00:12:23,590 --> 00:12:21,680

would it be possible for us to get a la

296

00:12:27,430 --> 00:12:23,600

la la from you

297

00:12:31,190 --> 00:12:29,509

my uh um

298

00:12:33,750 --> 00:12:31,200

one of my singing buddies is actually

299

00:12:35,990 --> 00:12:33,760

here with me in the front row and um

300

00:12:39,269 --> 00:12:36,000

when all the cameras are turned off and

301
00:12:41,509 --> 00:12:39,279
we get a moment of uh off-duty uh she

302
00:12:43,829 --> 00:12:41,519
and i plan to uh crank up the tunes and

303
00:12:45,910 --> 00:12:43,839
do a little uh singing for our max q

304
00:12:47,350 --> 00:12:45,920
buddies back home but um

305
00:12:49,269 --> 00:12:47,360
there really hasn't been a whole lot of

306
00:12:52,790 --> 00:12:49,279
opportunity to do much singing up here

307
00:12:55,350 --> 00:12:52,800
since i got here it's been

308
00:13:04,829 --> 00:12:55,360
full of adaptation and getting prepared

309
00:13:09,110 --> 00:13:07,190
uh the television the question telecot

310
00:13:11,990 --> 00:13:09,120
have you have received new crew members

311
00:13:14,389 --> 00:13:12,000
on board and did you change the

312
00:13:16,310 --> 00:13:14,399
process of work and life on board of the

313
00:13:18,870 --> 00:13:16,320

iss

314

00:13:21,990 --> 00:13:18,880

that's a very interesting question

315

00:13:24,470 --> 00:13:22,000

our schedule and procedures

316

00:13:26,870 --> 00:13:24,480

do change with the shuttle arrival

317

00:13:28,710 --> 00:13:26,880

because we have changed the

318

00:13:30,629 --> 00:13:28,720

work and reschedule

319

00:13:34,310 --> 00:13:30,639

shifting into accommodate shuttle we are

320

00:13:39,110 --> 00:13:34,320

also participating in shuttle activities

321

00:13:44,310 --> 00:13:41,189

we're working as one crew

322

00:13:50,790 --> 00:13:44,320

it's quite intense and we're glad to

323

00:13:55,990 --> 00:13:53,990

we're going to spend it um showing off

324

00:13:57,350 --> 00:13:56,000

the station to our guest thank you for

325

00:13:59,750 --> 00:13:57,360

the question i would like to ask the

326

00:14:06,230 --> 00:13:59,760

second question to the entire

327

00:14:11,430 --> 00:14:08,389

uh technologies on board of the iss

328

00:14:16,870 --> 00:14:14,389

i hope there will be tests

329

00:14:19,750 --> 00:14:16,880

but i don't think it will happen during

330

00:14:22,550 --> 00:14:19,760

our mission but i would like to see it

331

00:14:25,670 --> 00:14:22,560

start someday because it is very

332

00:14:28,310 --> 00:14:25,680

interesting the iss is a unique

333

00:14:30,629 --> 00:14:28,320

technological test space for

334

00:14:36,710 --> 00:14:30,639

future space exploration by the human

335

00:14:36,720 --> 00:14:42,710

i have a question to miss yamazaki

336

00:14:47,110 --> 00:14:44,870

becoming an astronaut

337

00:14:49,829 --> 00:14:47,120

you got involved in the kibo development

338

00:14:53,189 --> 00:14:49,839

yourself what was your thought about

339

00:15:17,430 --> 00:14:53,199

looking at it in the space

340

00:15:24,150 --> 00:15:20,150

actually it was very moving

341

00:15:24,160 --> 00:15:28,069

people was cherished and

342

00:15:33,670 --> 00:15:30,389

handled very carefully and there are a

343

00:15:37,269 --> 00:15:33,680

lot of experience and experiment and

344

00:15:40,870 --> 00:15:37,279

then kibo is really used

345

00:15:43,910 --> 00:15:40,880

so stick and also

346

00:15:46,870 --> 00:15:43,920

i am very very happy that i was able to

347

00:15:49,829 --> 00:15:46,880

walk into kibo

348

00:15:52,389 --> 00:15:49,839

my name is obara from nhk and this

349

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

question to miss yamazaki too

350

00:15:57,509 --> 00:15:54,399

and we

351
00:15:59,990 --> 00:15:57,519
saw you working very hard in the space

352
00:16:01,829 --> 00:16:00,000
how do you evaluate your job in this

353
00:16:04,230 --> 00:16:01,839
mission what score do you give to

354
00:16:07,430 --> 00:16:04,240
yourself for what reason

355
00:16:13,910 --> 00:16:07,440
and uh when did you realize the most

356
00:16:16,710 --> 00:16:15,749
well maybe for the first question i'd

357
00:16:19,189 --> 00:16:16,720
like

358
00:16:22,230 --> 00:16:19,199
the commander to you know

359
00:16:24,550 --> 00:16:22,240
evaluate my work in space

360
00:16:27,829 --> 00:16:24,560
so far i think it goes well

361
00:16:29,670 --> 00:16:27,839
and thanks to the older team and all the

362
00:16:32,550 --> 00:16:29,680
teamwork on the shuttle and the votes on

363
00:16:35,590 --> 00:16:32,560

the station the works are going well on

364

00:16:37,269 --> 00:16:35,600

time today we finish all the mplm supply

365

00:16:38,629 --> 00:16:37,279

and return items it's a great

366

00:16:41,509 --> 00:16:38,639

celebration

367

00:16:43,670 --> 00:16:41,519

and three evas and you know it's a great

368

00:16:46,710 --> 00:16:43,680

work

369

00:16:49,030 --> 00:16:46,720

my name is kikuchi from the kyodo news

370

00:16:52,389 --> 00:16:49,040

agency

371

00:16:54,870 --> 00:16:52,399

yesterday no the day before yesterday

372

00:16:58,949 --> 00:16:54,880

you had a communication with the

373

00:17:00,310 --> 00:16:58,959

minister mahara and other children

374

00:17:03,350 --> 00:17:00,320

and you

375

00:17:06,710 --> 00:17:03,360

expressed the haiku and the arts flower

376

00:17:08,470 --> 00:17:06,720

are the children of the universe and i

377

00:17:11,189 --> 00:17:08,480

heard that you were

378

00:17:13,270 --> 00:17:11,199

looking up the sky and the space

379

00:17:15,510 --> 00:17:13,280

since your childhood

380

00:17:18,150 --> 00:17:15,520

after you came to the space were there

381

00:17:23,590 --> 00:17:18,160

any change in your view of nature life

382

00:17:23,600 --> 00:17:28,470

when i was elementary school

383

00:17:34,470 --> 00:17:31,270

i heard that the element

384

00:17:37,590 --> 00:17:34,480

consisting the the us or the uh the

385

00:17:40,470 --> 00:17:37,600

universe and ourselves are the same so

386

00:17:44,310 --> 00:17:40,480

it was a touching moment too and when i

387

00:17:45,669 --> 00:17:44,320

came to the universe i really realized

388

00:17:50,070 --> 00:17:45,679

that

389

00:17:53,830 --> 00:17:50,080

we are actually the part of the universe

390

00:17:57,350 --> 00:17:53,840

i do not know how to express the view of

391

00:18:00,470 --> 00:17:57,360

the nature in the life but the um

392

00:18:03,990 --> 00:18:00,480

the us from the space was so touching

393

00:18:06,710 --> 00:18:04,000

and beautiful and spectacular and i also

394

00:18:12,470 --> 00:18:06,720

thought that the ability or or the

395

00:18:14,710 --> 00:18:12,480

potential of the human power is um spark

396

00:18:17,909 --> 00:18:14,720

it um it involved

397

00:18:20,630 --> 00:18:17,919

10 000 or more people got involved in

398

00:18:24,390 --> 00:18:20,640

this exploration the teamwork was

399

00:18:30,710 --> 00:18:27,669

my name is kikuchi from kyodo tushin

400

00:18:34,310 --> 00:18:30,720

this question is mr noguchi

401
00:18:37,909 --> 00:18:34,320
and this is the first time two japanese

402
00:18:40,310 --> 00:18:37,919
are in the space when you welcome miss

403
00:18:41,750 --> 00:18:40,320
yamazaki for the first time what was

404
00:18:43,430 --> 00:18:41,760
your impression impressional what did

405
00:18:46,950 --> 00:18:43,440
you think

406
00:18:50,390 --> 00:18:46,960
about her and uh do you communicate in

407
00:18:53,110 --> 00:18:50,400
in japanese language when you are off

408
00:18:56,390 --> 00:18:55,430
i was so happy to tell you the truth

409
00:18:59,110 --> 00:18:56,400
because

410
00:19:01,909 --> 00:18:59,120
one of my colleagues came to the space

411
00:19:03,830 --> 00:19:01,919
so i was nostalgic and i was really

412
00:19:07,909 --> 00:19:03,840
happy to see her

413
00:19:12,710 --> 00:19:10,630

on duty time too the

414

00:19:16,070 --> 00:19:12,720

loading and reloading

415

00:19:18,870 --> 00:19:16,080

activity was done together so we were

416

00:19:21,990 --> 00:19:18,880

communicating in japanese language so i

417

00:19:24,470 --> 00:19:22,000

talked a lot of japanese this time

418

00:19:25,750 --> 00:19:24,480

this is the last japanese shuttle

419

00:19:27,990 --> 00:19:25,760

mission

420

00:19:30,070 --> 00:19:28,000

and uh what would you like to

421

00:19:31,909 --> 00:19:30,080

communicate to the japanese people and

422

00:19:34,710 --> 00:19:31,919

what would you like to bring back from

423

00:19:41,029 --> 00:19:34,720

the space to the arts

424

00:19:45,590 --> 00:19:43,029

this might be the

425

00:19:49,750 --> 00:19:45,600

last japanese shuttle mission but the

426
00:19:51,110 --> 00:19:49,760
space exploration does not end so uh we

427
00:19:53,270 --> 00:19:51,120
have

428
00:19:55,350 --> 00:19:53,280
infinite potential in the space and

429
00:19:58,310 --> 00:19:55,360
there are a lot of technological

430
00:19:59,430 --> 00:19:58,320
development expected

431
00:20:01,750 --> 00:19:59,440
so

432
00:20:04,070 --> 00:20:01,760
in the kibo

433
00:20:07,430 --> 00:20:04,080
and all the operation

434
00:20:09,669 --> 00:20:07,440
of the iss can be brought back to the

435
00:20:12,549 --> 00:20:09,679
earth and then um

436
00:20:13,990 --> 00:20:12,559
taking advantage of to the

437
00:20:16,950 --> 00:20:14,000
future

438
00:20:19,350 --> 00:20:16,960

space exploration and space development

439

00:20:21,510 --> 00:20:19,360

thank you

440

00:20:24,470 --> 00:20:21,520

my name is sydney souther and my

441

00:20:26,710 --> 00:20:24,480

question is for alan plaindexter

442

00:20:33,990 --> 00:20:26,720

how do you prepare your body to get

443

00:20:38,230 --> 00:20:36,549

that's a really good question and as you

444

00:20:40,310 --> 00:20:38,240

can see

445

00:20:41,510 --> 00:20:40,320

we we stay in shape

446

00:20:44,230 --> 00:20:41,520

uh

447

00:20:46,710 --> 00:20:44,240

we work a lot very very hard during our

448

00:20:48,230 --> 00:20:46,720

pre-flight training period

449

00:20:50,070 --> 00:20:48,240

in the gym doing a lot of physical

450

00:20:52,149 --> 00:20:50,080

fitness training and we have people

451

00:20:55,190 --> 00:20:52,159

that help us do that but it's important

452

00:20:59,590 --> 00:20:55,200

to stay fit and always do your exercise

453

00:21:02,789 --> 00:20:59,600

both cardiovascular and muscle training

454

00:21:06,310 --> 00:21:02,799

the environment of space is is very

455

00:21:09,510 --> 00:21:06,320

hostile and your body can

456

00:21:10,870 --> 00:21:09,520

degrade very rapidly so we exercise uh

457

00:21:13,110 --> 00:21:10,880

before flight

458

00:21:19,110 --> 00:21:13,120

almost every day and then we exercise

459

00:21:23,669 --> 00:21:21,270

my name is jordan and my question is for

460

00:21:25,669 --> 00:21:23,679

dottie mccaff lindenberger

461

00:21:31,510 --> 00:21:25,679

what science related experiments will be

462

00:21:35,350 --> 00:21:33,590

and jordan that is a very good question

463

00:21:37,430 --> 00:21:35,360

um obviously we've come to the

464

00:21:39,270 --> 00:21:37,440

international space station which is now

465

00:21:40,390 --> 00:21:39,280

a national laboratory

466

00:21:42,470 --> 00:21:40,400

and uh

467

00:21:45,350 --> 00:21:42,480

but on the shuttle we also do science

468

00:21:48,070 --> 00:21:45,360

experiments one of the experiments that

469

00:21:49,190 --> 00:21:48,080

we've brought up is actually to help

470

00:21:50,710 --> 00:21:49,200

humans

471

00:21:53,270 --> 00:21:50,720

better understand

472

00:21:56,070 --> 00:21:53,280

the staph infection marsa and develop a

473

00:21:58,070 --> 00:21:56,080

vaccine for it

474

00:22:00,310 --> 00:21:58,080

and another experiment that we brought

475

00:22:03,590 --> 00:22:00,320

up and we brought to station

476
00:22:05,110 --> 00:22:03,600
is the window observatory rack facility

477
00:22:07,750 --> 00:22:05,120
called wharf

478
00:22:10,310 --> 00:22:07,760
and with that window which is already

479
00:22:13,590 --> 00:22:10,320
part of our lab now we have a rack where

480
00:22:16,230 --> 00:22:13,600
we can do all sorts of optics from

481
00:22:17,190 --> 00:22:16,240
visual to near infrared

482
00:22:19,110 --> 00:22:17,200
and

483
00:22:20,549 --> 00:22:19,120
so there's all sorts of science up here

484
00:22:32,630 --> 00:22:20,559
but those are just a few of the things

485
00:22:36,950 --> 00:22:34,710
my name is kendra and my question is for

486
00:22:39,110 --> 00:22:36,960
clay anderson what court or elective

487
00:22:45,110 --> 00:22:39,120
courses did you have to take in order to

488
00:22:49,029 --> 00:22:47,430

kendra you need to take lots of math and

489

00:22:50,390 --> 00:22:49,039

lots of science in order to become an

490

00:22:51,750 --> 00:22:50,400

astronaut those are the basic

491

00:23:02,710 --> 00:22:51,760

fundamentals

492

00:23:07,350 --> 00:23:05,270

my name is seven and my question is for

493

00:23:15,350 --> 00:23:07,360

stephanie wilson

494

00:23:20,630 --> 00:23:18,390

when i was 13 years old i was given a

495

00:23:22,310 --> 00:23:20,640

school assignment to interview someone

496

00:23:24,390 --> 00:23:22,320

that worked in a career field that i was

497

00:23:27,350 --> 00:23:24,400

interested in and at the time i was

498

00:23:29,190 --> 00:23:27,360

interested in astronomy i went to

499

00:23:31,990 --> 00:23:29,200

williams college which is very close to

500

00:23:33,750 --> 00:23:32,000

my hometown pittsfield mass and i

501
00:23:35,669 --> 00:23:33,760
interviewed an astronomy professor there

502
00:23:38,310 --> 00:23:35,679
and i talked to him about all of the

503
00:23:41,029 --> 00:23:38,320
work that he did he got to travel around

504
00:23:43,750 --> 00:23:41,039
the world and view the heavens from

505
00:23:46,149 --> 00:23:43,760
different parts of the world he was a

506
00:23:47,669 --> 00:23:46,159
teacher so he taught and he also did

507
00:23:49,909 --> 00:23:47,679
observations

508
00:23:52,549 --> 00:23:49,919
and he did research and i was very

509
00:23:54,230 --> 00:23:52,559
interested in the work that he was doing

510
00:23:55,830 --> 00:23:54,240
later though i became more interested in

511
00:23:57,990 --> 00:23:55,840
engineering and decided to study

512
00:24:08,230 --> 00:23:58,000
engineering in college but my first

513
00:24:11,909 --> 00:24:11,110

my name is montreal and my question is

514

00:24:14,870 --> 00:24:11,919

for

515

00:24:18,950 --> 00:24:14,880

alan poor and dexter what improvements

516

00:24:23,110 --> 00:24:18,960

will you be making to the faces while in

517

00:24:26,310 --> 00:24:24,789

that's a very very insightful question

518

00:24:27,350 --> 00:24:26,320

thank you for taking the time to think

519

00:24:28,789 --> 00:24:27,360

about that

520

00:24:30,870 --> 00:24:28,799

as you know most of the space shuttle

521

00:24:32,630 --> 00:24:30,880

missions during the assembly phase of

522

00:24:34,310 --> 00:24:32,640

the international space station

523

00:24:35,909 --> 00:24:34,320

are bringing up major modules and

524

00:24:38,390 --> 00:24:35,919

supplies and that that's exactly what

525

00:24:39,750 --> 00:24:38,400

we're doing we brought up seven

526
00:24:42,070 --> 00:24:39,760
racks and

527
00:24:43,830 --> 00:24:42,080
a rack is basically the size of a

528
00:24:45,430 --> 00:24:43,840
household refrigerator

529
00:24:47,269 --> 00:24:45,440
and they hold science experiments and

530
00:24:50,230 --> 00:24:47,279
research experiments

531
00:24:52,710 --> 00:24:50,240
and we brought up uh three science racks

532
00:24:54,230 --> 00:24:52,720
and we brought up a new sleeping station

533
00:24:56,549 --> 00:24:54,240
called a crew quarters for one of the

534
00:24:57,990 --> 00:24:56,559
international space station crew members

535
00:25:00,630 --> 00:24:58,000
and then we brought up a bunch of supply

536
00:25:02,390 --> 00:25:00,640
racks as well and

537
00:25:04,310 --> 00:25:02,400
those racks are installed in the various

538
00:25:05,990 --> 00:25:04,320

laboratories around the station

539

00:25:07,510 --> 00:25:06,000

along with all the other supplies we

540

00:25:09,110 --> 00:25:07,520

brought up

541

00:25:17,830 --> 00:25:09,120

as you can see it's a lot of fun to fly

542

00:25:22,310 --> 00:25:20,149

my name is cameron lovelace and my

543

00:25:24,710 --> 00:25:22,320

question is for dottie

544

00:25:29,990 --> 00:25:24,720

what do you like about being an

545

00:25:34,070 --> 00:25:32,630

well you just saw it i love floating

546

00:25:35,510 --> 00:25:34,080

around that's one of my favorite things

547

00:25:36,470 --> 00:25:35,520

that i've been doing since i've been up

548

00:25:38,310 --> 00:25:36,480

here

549

00:25:40,390 --> 00:25:38,320

another one of my favorite things is

550

00:25:42,710 --> 00:25:40,400

looking out the window

551
00:25:44,549 --> 00:25:42,720

last night i got a chance to

552
00:25:47,909 --> 00:25:44,559

go to the cupola which is a brand new

553
00:25:49,430 --> 00:25:47,919

facility that sts-130 brought up about a

554
00:25:52,310 --> 00:25:49,440

month and a half ago

555
00:25:53,669 --> 00:25:52,320

and uh the windows allow you to see the

556
00:25:56,789 --> 00:25:53,679

earth

557
00:25:59,510 --> 00:25:56,799

in a 360 view and it's incredible and we

558
00:26:00,710 --> 00:25:59,520

watched all the way

559
00:26:04,070 --> 00:26:00,720

down

560
00:26:05,269 --> 00:26:04,080

america

561
00:26:08,070 --> 00:26:05,279

and then

562
00:26:11,190 --> 00:26:08,080

below the tip of south america and into

563
00:26:13,190 --> 00:26:11,200

a night pass and we could see the sunset

564

00:26:15,430 --> 00:26:13,200

and it's just it's way better than

565

00:26:17,190 --> 00:26:15,440

television so i hope that you guys could

566

00:26:25,350 --> 00:26:17,200

all do that someday instead of watching

567

00:26:29,990 --> 00:26:27,830

my name is hannah and my question is for

568

00:26:36,710 --> 00:26:30,000

stephanie wilson how do you wash and dry

569

00:26:41,110 --> 00:26:37,590

hey

570

00:26:43,909 --> 00:26:41,120

we actually fly a rinseless shampoo

571

00:26:46,549 --> 00:26:43,919

but we do have

572

00:26:49,269 --> 00:26:46,559

a way to get water from our galley which

573

00:26:50,950 --> 00:26:49,279

is kind of like a kitchen sink but

574

00:26:53,350 --> 00:26:50,960

so basically you're able to wet your

575

00:26:56,149 --> 00:26:53,360

hair and then use this rinseless shampoo

576

00:26:58,630 --> 00:26:56,159

and then rinse it again and towel dry

577

00:27:00,950 --> 00:26:58,640

and that usually does a pretty good trip

578

00:27:02,950 --> 00:27:00,960

we kind of consider ourselves to be on a

579

00:27:05,190 --> 00:27:02,960

camping trip and so we don't necessarily

580

00:27:07,110 --> 00:27:05,200

have all of the creature comforts that

581

00:27:15,750 --> 00:27:07,120

you might have at home but it works

582

00:27:21,430 --> 00:27:18,149

my name is jacob and my question is for

583

00:27:23,110 --> 00:27:21,440

clay anderson what are the plans for the

584

00:27:28,549 --> 00:27:23,120

shuttles once all the missions are

585

00:27:31,909 --> 00:27:30,230

hey jacob first tell hannah that

586

00:27:33,830 --> 00:27:31,919

commander poindexter and i we don't need

587

00:27:36,630 --> 00:27:33,840

near as much water and soap for our hair

588

00:27:37,990 --> 00:27:36,640

as the ladies do but jacob all the

589

00:27:40,310 --> 00:27:38,000

shuttles there are a lot of people

590

00:27:43,909 --> 00:27:40,320

competing to have those shuttles placed

591

00:27:46,310 --> 00:27:43,919

in museums so i think for sure

592

00:27:48,549 --> 00:27:46,320

discovery is probably going to go to the

593

00:27:50,710 --> 00:27:48,559

smithsonian in washington dc or near

594

00:27:52,950 --> 00:27:50,720

there and then the the other shuttles

595

00:27:54,630 --> 00:27:52,960

are being competed for and the folks

596

00:27:55,990 --> 00:27:54,640

that want to have those shuttles have to

597

00:27:57,510 --> 00:27:56,000

pay a lot of money because they have to

598

00:27:59,430 --> 00:27:57,520

be able to show nasa that they'll be

599

00:28:10,950 --> 00:27:59,440

able to take care of them and keep them

600

00:28:14,710 --> 00:28:12,870

my name is dalton and my question is for

601
00:28:16,149 --> 00:28:14,720
alan what do you believe is the most

602
00:28:21,909 --> 00:28:16,159
important thing we've learned from the

603
00:28:26,389 --> 00:28:24,710
well as you know a lot of things that

604
00:28:27,350 --> 00:28:26,399
we do now

605
00:28:30,549 --> 00:28:27,360
affect

606
00:28:33,110 --> 00:28:30,559
people a long long time in the future

607
00:28:34,470 --> 00:28:33,120
and when uh when uh when you students

608
00:28:36,070 --> 00:28:34,480
are uh

609
00:28:37,750 --> 00:28:36,080
are grown and

610
00:28:38,950 --> 00:28:37,760
will know the full impact probably of

611
00:28:40,789 --> 00:28:38,960
what the research that we're doing now

612
00:28:42,950 --> 00:28:40,799
on the international space station is

613
00:28:44,230 --> 00:28:42,960

but i think one of the one of the most

614

00:28:46,310 --> 00:28:44,240

important things that we've learned

615

00:28:47,590 --> 00:28:46,320

about space flight is that we need to

616

00:28:49,110 --> 00:28:47,600

keep doing it

617

00:28:50,470 --> 00:28:49,120

it's important for humans to always

618

00:28:53,110 --> 00:28:50,480

explore

619

00:28:54,710 --> 00:28:53,120

and like he was like lewis and clark

620

00:28:58,149 --> 00:28:54,720

uh explored

621

00:29:00,149 --> 00:28:58,159

uh the the trails to the west coast

622

00:29:02,310 --> 00:29:00,159

we're now exploring

623

00:29:05,510 --> 00:29:02,320

space in low earth orbit and hopefully

624

00:29:08,389 --> 00:29:05,520

soon to different planets

625

00:29:10,470 --> 00:29:08,399

and you can see we also explore new and

626
00:29:12,389 --> 00:29:10,480
interesting ways to

627
00:29:20,870 --> 00:29:12,399
eat food

628
00:29:26,549 --> 00:29:23,830
my name is gweny and my question is for

629
00:29:32,070 --> 00:29:26,559
dottie what kind of food do you get to

630
00:29:34,710 --> 00:29:32,870
well

631
00:29:37,430 --> 00:29:34,720
we brought a couple of examples that i'm

632
00:29:40,230 --> 00:29:37,440
going to have people show you here

633
00:29:43,350 --> 00:29:40,240
first of all we have a fresh food locker

634
00:29:46,070 --> 00:29:43,360
and so we've got some tortillas

635
00:29:47,430 --> 00:29:46,080
but you can bring up apples

636
00:29:48,950 --> 00:29:47,440
oranges

637
00:29:50,310 --> 00:29:48,960
but anything that might only last a

638
00:29:52,710 --> 00:29:50,320

couple of days that goes in our fresh

639

00:29:55,190 --> 00:29:52,720

food locker and tortillas are really

640

00:29:57,029 --> 00:29:55,200

handy you can put eggs in them with hot

641

00:29:59,669 --> 00:29:57,039

sauce you can put peanut butter and

642

00:30:03,350 --> 00:29:59,679

honey on them you can make chicken

643

00:30:05,269 --> 00:30:03,360

fajitas so they're very handy

644

00:30:07,350 --> 00:30:05,279

another thing that we eat

645

00:30:09,110 --> 00:30:07,360

is

646

00:30:11,830 --> 00:30:09,120

meals that are kind of like meals ready

647

00:30:13,909 --> 00:30:11,840

to eat they're in a pouch like this you

648

00:30:16,549 --> 00:30:13,919

just heat them up in our galley

649

00:30:20,710 --> 00:30:16,559

and just scoop it right out the top no

650

00:30:24,710 --> 00:30:22,149

we have other foods that you have to

651

00:30:27,430 --> 00:30:24,720

hydrate in our galley this is actually

652

00:30:29,269 --> 00:30:27,440

uh branchex cereal it's got the milk i

653

00:30:31,909 --> 00:30:29,279

don't think you can see exactly

654

00:30:33,669 --> 00:30:31,919

the milk in there but you you add two

655

00:30:37,350 --> 00:30:33,679

ounces of cold water and wait a few

656

00:30:39,510 --> 00:30:37,360

minutes and voila you have brand cereal

657

00:30:41,510 --> 00:30:39,520

and i brought this item over it's one of

658

00:30:43,830 --> 00:30:41,520

stephanie's favorites

659

00:30:45,830 --> 00:30:43,840

some things just come in a package

660

00:30:48,549 --> 00:30:45,840

and that's a brownie i think clay just

661

00:30:50,710 --> 00:30:48,559

stole it from stephanie

662

00:30:53,029 --> 00:30:50,720

but we have all sorts of different types

663

00:30:55,669 --> 00:30:53,039

of foods and it's pretty good i miss my

664

00:30:57,509 --> 00:30:55,679

salads and my vegetables from earth but

665

00:31:04,950 --> 00:30:57,519

other than that i'm really happy eating

666

00:31:11,190 --> 00:31:07,190

my name is honorary

667

00:31:14,470 --> 00:31:11,200

anna my question is for clay anderson

668

00:31:20,149 --> 00:31:14,480

what does it feel like to sleep and eat

669

00:31:24,630 --> 00:31:22,470

sleeping in space for me is very cool i

670

00:31:26,789 --> 00:31:24,640

sleep better in orbit than i do on the

671

00:31:28,149 --> 00:31:26,799

earth and we have a sleeping bag that's

672

00:31:30,070 --> 00:31:28,159

strapped to the wall

673

00:31:32,389 --> 00:31:30,080

so when you actually sleep your kind of

674

00:31:35,269 --> 00:31:32,399

arms float up this way and

675

00:31:37,990 --> 00:31:35,279

you don't snore which is pretty amazing

676

00:31:39,350 --> 00:31:38,000

and it's very very relaxing and it's

677

00:31:40,950 --> 00:31:39,360

really good that people don't snore

678

00:31:49,909 --> 00:31:40,960

because commander poindexter well never

679

00:31:55,509 --> 00:31:52,549

my name is christian and my question is

680

00:32:03,110 --> 00:31:55,519

for stephanie what is the hardest part

681

00:32:07,110 --> 00:32:05,029

actually the hardest part there's not

682

00:32:08,630 --> 00:32:07,120

really a hard part about our job it

683

00:32:11,669 --> 00:32:08,640

really takes

684

00:32:14,789 --> 00:32:11,679

a lot of hard work and dedication uh

685

00:32:16,389 --> 00:32:14,799

study hard in school and we

686

00:32:18,789 --> 00:32:16,399

when we come into the astronaut office

687

00:32:20,710 --> 00:32:18,799

we have two years of very general

688

00:32:22,710 --> 00:32:20,720

training but it involves a lot of study

689

00:32:24,950 --> 00:32:22,720

on the shuttle systems

690

00:32:26,389 --> 00:32:24,960

and so we have very good trainers that

691

00:32:28,310 --> 00:32:26,399

prepare us

692

00:32:30,549 --> 00:32:28,320

we are able to work out in our gym

693

00:32:32,230 --> 00:32:30,559

facility and we have

694

00:32:34,950 --> 00:32:32,240

trainers that work with us for our

695

00:32:38,630 --> 00:32:34,960

workouts so it's not hard but it does

696

00:32:43,750 --> 00:32:41,110

my name is shelby and my question is for

697

00:32:48,230 --> 00:32:43,760

dottie why does the sky look blue on

698

00:32:52,389 --> 00:32:50,470

that is a great question and the reason

699

00:32:54,789 --> 00:32:52,399

why is because you have an atmosphere

700

00:32:57,350 --> 00:32:54,799

around the earth and the atmosphere acts

701
00:32:59,190 --> 00:32:57,360
a lot like a prism and it changes the

702
00:33:01,110 --> 00:32:59,200
light that's coming into you and it

703
00:33:02,870 --> 00:33:01,120
reflects it and bends it in different

704
00:33:03,909 --> 00:33:02,880
ways so that you get the color of the

705
00:33:06,870 --> 00:33:03,919
sky

706
00:33:09,269 --> 00:33:06,880
in space we don't have atmosphere it's

707
00:33:11,190 --> 00:33:09,279
not completely empty there are atoms out

708
00:33:12,630 --> 00:33:11,200
there but they're very few and far

709
00:33:15,509 --> 00:33:12,640
between and you don't get the same

710
00:33:18,310 --> 00:33:15,519
interaction with the light so it is dark

711
00:33:20,070 --> 00:33:18,320
dark black and from our vantage point it

712
00:33:23,430 --> 00:33:20,080
is beautiful to look on earth's

713
00:33:26,310 --> 00:33:23,440

atmosphere around our planet it's so

714

00:33:30,710 --> 00:33:26,320

thin compared to the planet itself and

715

00:33:35,750 --> 00:33:32,950

my name is carmen and my question is for

716

00:33:39,110 --> 00:33:35,760

allen poindexter what is it like to look

717

00:33:40,950 --> 00:33:39,120

out the new window on the station

718

00:33:44,389 --> 00:33:40,960

i i think the word breathtaking

719

00:33:46,789 --> 00:33:44,399

describes it uh the best it's amazing

720

00:33:48,789 --> 00:33:46,799

you know the the cupola window sits up

721

00:33:50,389 --> 00:33:48,799

underneath the new

722

00:33:52,149 --> 00:33:50,399

node 3 module

723

00:33:54,070 --> 00:33:52,159

and when you enter it you enter it head

724

00:33:56,149 --> 00:33:54,080

first so you're really

725

00:33:57,830 --> 00:33:56,159

from from uh from earth perspective

726

00:33:59,669 --> 00:33:57,840

you're upside down

727

00:34:01,190 --> 00:33:59,679

and it's like you're hanging down below

728

00:34:03,029 --> 00:34:01,200

the space station

729

00:34:06,070 --> 00:34:03,039

and there are windows all the way around

730

00:34:08,230 --> 00:34:06,080

you so just your head and your shoulders

731

00:34:10,149 --> 00:34:08,240

are looking out these windows

732

00:34:12,470 --> 00:34:10,159

and there's a window directly above you

733

00:34:14,310 --> 00:34:12,480

which directly faces the earth and it's

734

00:34:16,869 --> 00:34:14,320

amazing you know we're traveling at

735

00:34:18,629 --> 00:34:16,879

about five miles every second

736

00:34:20,790 --> 00:34:18,639

you know seventeen thousand five hundred

737

00:34:23,669 --> 00:34:20,800

miles per hour so

738

00:34:25,270 --> 00:34:23,679

states go by in seconds and continents

739

00:34:26,310 --> 00:34:25,280

go by in minutes

740

00:34:29,349 --> 00:34:26,320

and we can

741

00:34:31,990 --> 00:34:29,359

we can fly from the the east coast of

742

00:34:33,190 --> 00:34:32,000

the united states to europe in just a

743

00:34:35,030 --> 00:34:33,200

few minutes

744

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

and you can see thousands of miles

745

00:34:39,270 --> 00:34:37,679

almost two two thousand miles from from

746

00:34:41,589 --> 00:34:39,280

horizon to horizon

747

00:34:43,750 --> 00:34:41,599

so you can see almost entire continents

748

00:34:45,270 --> 00:34:43,760

it's very very uh incredible and

749

00:34:47,430 --> 00:34:45,280

breathhtaking again

750

00:34:51,270 --> 00:34:47,440

is the way i would describe it best i

751
00:34:55,030 --> 00:34:53,030
my name is kristen and my question is

752
00:34:56,710 --> 00:34:55,040
for clay how does looking at the earth

753
00:34:59,670 --> 00:34:56,720
from that perspective impact or

754
00:35:03,990 --> 00:35:02,390
kristin that's a very

755
00:35:07,910 --> 00:35:04,000
thought-provoking question that i've

756
00:35:10,790 --> 00:35:07,920
been asked before and it's an excellent

757
00:35:13,670 --> 00:35:10,800
question to ask because i think if we

758
00:35:15,510 --> 00:35:13,680
could get more people on the earth up

759
00:35:17,510 --> 00:35:15,520
into space to see our beautiful planet

760
00:35:19,589 --> 00:35:17,520
from here i don't think we'd fight each

761
00:35:21,589 --> 00:35:19,599
other nearly as much i don't think that

762
00:35:24,310 --> 00:35:21,599
it would be so difficult for so many of

763
00:35:25,990 --> 00:35:24,320

us to live together so my hope is that

764

00:35:27,510 --> 00:35:26,000

someday more people will get this

765

00:35:29,270 --> 00:35:27,520

opportunity because i think it will

766

00:35:31,430 --> 00:35:29,280

change everyone's perspective about how

767

00:35:33,109 --> 00:35:31,440

they view our planet and the people on

768

00:35:35,190 --> 00:35:33,119

it

769

00:35:36,310 --> 00:35:35,200

my name is kayla and my question is for

770

00:35:38,870 --> 00:35:36,320

stephanie

771

00:35:42,069 --> 00:35:38,880

do you think that one day will be space

772

00:35:46,230 --> 00:35:42,079

stations where anyone including kids

773

00:35:52,550 --> 00:35:50,150

well i certainly hope so uh right now uh

774

00:35:54,870 --> 00:35:52,560

we have mostly professional people

775

00:35:57,190 --> 00:35:54,880

professional astronauts flying in space

776

00:35:58,790 --> 00:35:57,200

but it's our hope that this will expand

777

00:36:00,870 --> 00:35:58,800

and that will be able to have more

778

00:36:03,349 --> 00:36:00,880

people as clay was mentioning come into

779

00:36:06,470 --> 00:36:03,359

space and perhaps even one day to

780

00:36:08,470 --> 00:36:06,480

include uh families and so forth much

781

00:36:10,230 --> 00:36:08,480

like with the airline industry initially

782

00:36:13,910 --> 00:36:10,240

it was a professional people flying

783

00:36:16,470 --> 00:36:13,920

airplanes and now people fly airplanes

784

00:36:18,310 --> 00:36:16,480

for vacations and families that fly on

785

00:36:22,710 --> 00:36:18,320

airplanes and so i would expect the same

786

00:36:25,990 --> 00:36:25,109

my name is tyler and my question is for

787

00:36:28,150 --> 00:36:26,000

alan

788

00:36:29,670 --> 00:36:28,160

what do you do for fun while you're in

789

00:36:32,150 --> 00:36:29,680

space

790

00:36:34,870 --> 00:36:32,160

i think you've seen some of it we can do

791

00:36:36,630 --> 00:36:34,880

just incredible things you know it's uh

792

00:36:40,230 --> 00:36:36,640

it's fun to just float

793

00:36:41,750 --> 00:36:40,240

and it's fun to uh to we were playing uh

794

00:36:44,550 --> 00:36:41,760

we had a little bit of time off earlier

795

00:36:47,190 --> 00:36:44,560

and and uh i think mr clay has got a

796

00:36:48,790 --> 00:36:47,200

baseball and we were playing we were

797

00:36:49,750 --> 00:36:48,800

playing baseball inside the space

798

00:36:51,670 --> 00:36:49,760

station

799

00:36:54,390 --> 00:36:51,680

and it's really easy

800

00:36:55,910 --> 00:36:54,400

to uh to hit hit the hit balls a long

801
00:36:57,829 --> 00:36:55,920
way in space

802
00:36:59,670 --> 00:36:57,839
but it's fun just to float and it's fun

803
00:37:01,589 --> 00:36:59,680
to look out the windows

804
00:37:09,270 --> 00:37:01,599
and it's fun to just spend time with

805
00:37:12,470 --> 00:37:11,510
my name is brandon and my question for

806
00:37:14,790 --> 00:37:12,480
dottie

807
00:37:21,030 --> 00:37:14,800
uh what goes through your mind before

808
00:37:25,190 --> 00:37:23,030
well that is an awesome question um

809
00:37:26,390 --> 00:37:25,200
before the launch we were really focused

810
00:37:28,790 --> 00:37:26,400
uh we had

811
00:37:30,470 --> 00:37:28,800
we had a little bit of a delay just um

812
00:37:33,030 --> 00:37:30,480
because of actual cold weather on the

813
00:37:34,790 --> 00:37:33,040

east coast this uh winter and spring and

814

00:37:36,630 --> 00:37:34,800

so that extra time gave us a little bit

815

00:37:38,950 --> 00:37:36,640

more time with our families

816

00:37:40,790 --> 00:37:38,960

but but you're just very focused

817

00:37:43,030 --> 00:37:40,800

thinking over the last

818

00:37:47,030 --> 00:37:43,040

lessons that you've learned for robotics

819

00:37:49,270 --> 00:37:47,040

for space walks for accent and for entry

820

00:37:51,510 --> 00:37:49,280

doing our last simulations

821

00:37:53,190 --> 00:37:51,520

and then once we got on orbit you have

822

00:37:55,589 --> 00:37:53,200

the mindset of let's really just get

823

00:37:58,630 --> 00:37:55,599

this job done and do it very well

824

00:38:00,310 --> 00:37:58,640

and so you you find yourself um doing of

825

00:38:02,069 --> 00:38:00,320

course your job but you also find

826

00:38:03,670 --> 00:38:02,079

yourself doing and helping others in

827

00:38:05,829 --> 00:38:03,680

jobs that you didn't completely train

828

00:38:07,349 --> 00:38:05,839

for that you were maybe a backup in but

829

00:38:09,349 --> 00:38:07,359

it just makes sense at the time that you

830

00:38:11,030 --> 00:38:09,359

do it because you need to get the job

831

00:38:13,190 --> 00:38:11,040

done and

832

00:38:15,430 --> 00:38:13,200

you lose all track of time you don't

833

00:38:18,069 --> 00:38:15,440

know which meal you're eating sometimes

834

00:38:20,150 --> 00:38:18,079

because really you're just going from a

835

00:38:21,349 --> 00:38:20,160

work event to work event to make sure

836

00:38:22,630 --> 00:38:21,359

that the mission is carried out

837

00:38:24,710 --> 00:38:22,640

successfully

838

00:38:27,510 --> 00:38:24,720

and then when we get back on earth our

839

00:38:30,790 --> 00:38:27,520

focus is going to turn to passing on any

840

00:38:32,470 --> 00:38:30,800

lessons learned that we have and then of

841

00:38:39,510 --> 00:38:32,480

course spending lots of good quality

842

00:38:43,990 --> 00:38:42,470

crew of sts-131 this is gregory slate we

843

00:38:45,910 --> 00:38:44,000

would like to thank you on behalf of

844

00:38:55,829 --> 00:38:45,920

eastern Guilford high school students

845

00:38:55,839 --> 00:39:02,470

thank you very much wildcats

846

00:39:05,270 --> 00:39:04,150

thanks very much to the wildcats at

847

00:39:06,630 --> 00:39:05,280

Guilford high school for joining us

848

00:39:09,270 --> 00:39:06,640

today on the international space station

849

00:39:11,750 --> 00:39:09,280

it was our pleasure and thanks very much

850

00:39:13,190 --> 00:39:11,760

study hard and do great in school we

