



1
00:00:04,430 --> 00:00:02,899
Oh judge question via involve in it as

2
00:00:07,820 --> 00:00:04,440
voters if I didn't and now we're

3
00:00:11,780 --> 00:00:07,830
literally speaking about the daily life

4
00:00:15,770 --> 00:00:11,790
of Alexander gas and space it doesn't

5
00:00:18,710 --> 00:00:15,780
sound so far but our signal goes over

6
00:00:20,570 --> 00:00:18,720
several satellites and there's always a

7
00:00:20,750 --> 00:00:20,580
little bit of a delay before he can hear

8
00:00:31,279 --> 00:00:20,760
me

9
00:00:37,010 --> 00:00:31,289
hello mr. guest hello miss Ethel I yam

10
00:00:39,110 --> 00:00:37,020
even gathered all of the others in

11
00:00:41,209 --> 00:00:39,120
Vincey even very top typhoon height

12
00:00:43,340 --> 00:00:41,219
order for a mid-life by the immensity I

13
00:00:45,950 --> 00:00:43,350

you when you look at our planet are you

14
00:00:50,330 --> 00:00:45,960
overwhelmed by the beauty or more by the

15
00:00:54,799 --> 00:00:50,340
pity of what we're doing two of the

16
00:00:58,160 --> 00:00:54,809
airshow when I look at the earth I can

17
00:01:00,200 --> 00:00:58,170
see how beautiful the earth is but I

18
00:01:03,200 --> 00:01:00,210
also realize how much smaller it is and

19
00:01:07,929 --> 00:01:03,210
I had originally thought when you

20
00:01:07,939 --> 00:01:13,240
surrounded by a very fragile atmosphere

21
00:01:13,250 --> 00:01:19,149
yeah I see now that the pollution

22
00:01:27,859 --> 00:01:22,010
it's just incomprehensible when you look

23
00:01:32,450 --> 00:01:27,869
at it from up here it touches you

24
00:01:34,039 --> 00:01:32,460
emotionally that's the perspective that

25
00:01:37,520 --> 00:01:34,049
you take with you when you return to

26

00:01:43,399 --> 00:01:37,530

Earth yes when you look at the small

27

00:01:45,859 --> 00:01:43,409

planet the only one done only one that

28

00:01:49,730 --> 00:01:45,869

we have and if we destroy that then

29

00:01:51,499 --> 00:01:49,740

there's nothing left for us and if this

30

00:01:53,690 --> 00:01:51,509

here balance of the atom is more than

31

00:01:54,200 --> 00:01:53,700

Gaza eggs on an island it will cut in a

32

00:01:57,889 --> 00:01:54,210

creek

33

00:02:01,819 --> 00:01:57,899

so there's honor Earth's here we not

34

00:02:05,030 --> 00:02:01,829

only have war in Gaza but also the

35

00:02:07,039 --> 00:02:05,040

Ukraine as well you're with Americans

36

00:02:09,050 --> 00:02:07,049

and Russians up there how how do you

37

00:02:11,300 --> 00:02:09,060

view these conflicts

38

00:02:15,080 --> 00:02:11,310

bring the potato famine and the other on

39

00:02:17,210 --> 00:02:15,090

weekends and in the evenings we spent

40

00:02:21,170 --> 00:02:17,220

time together and we talk about these

41

00:02:26,330 --> 00:02:21,180

topics but you know when you live

42

00:02:30,770 --> 00:02:26,340

together on this ISS we're like in a

43

00:02:33,410 --> 00:02:30,780

boat together and we we get on well

44

00:02:36,170 --> 00:02:33,420

together and we would hope that everyone

45

00:02:40,670 --> 00:02:36,180

on earth would get along as well as we

46

00:02:47,180 --> 00:02:40,680

get along up here is a very nice

47

00:02:52,250 --> 00:02:47,190

atmosphere up here and we continue to

48

00:02:57,740 --> 00:02:52,260

cooperate in space and of civil missions

49

00:03:03,710 --> 00:03:01,880

cosmic and and space exploration sort of

50

00:03:10,339 --> 00:03:03,720

lose people together and and the

51
00:03:11,720 --> 00:03:10,349
cooperation is very good and bevhunt we

52
00:03:16,400 --> 00:03:11,730
act is their mother about the

53
00:03:19,699 --> 00:03:16,410
opportunity it's the robot opportunity

54
00:03:23,000 --> 00:03:19,709
has been on Mars and successfully for 10

55
00:03:26,569 --> 00:03:23,010
years so if that's so successful why do

56
00:03:30,830 --> 00:03:26,579
we need manned space that's what we

57
00:03:36,590 --> 00:03:30,840
continue to need both it's not just a

58
00:03:44,930 --> 00:03:36,600
question of either/or when we get robots

59
00:03:49,309 --> 00:03:44,940
to work what did that robots are great

60
00:03:52,759 --> 00:03:49,319
from landing on other planets we need

61
00:03:57,740 --> 00:03:52,769
the the flexibility of human beings and

62
00:04:04,099 --> 00:03:57,750
in this ISS whatever can be done by

63
00:04:06,740 --> 00:04:04,109

robots we will use robots for Josh yeah

64

00:04:16,909 --> 00:04:06,750

we have a very successful year behind us

65

00:04:20,149 --> 00:04:16,919

this mission we set a new record weeks

66

00:04:21,620 --> 00:04:20,159

of successful work per week and we would

67

00:04:23,490 --> 00:04:21,630

never have managed that on earth with

68

00:04:28,590 --> 00:04:23,500

three people here

69

00:04:31,110 --> 00:04:28,600

we have a laboratory and this is

70

00:04:34,120 --> 00:04:31,120

beneficial for all human beings on earth

71

00:04:38,350 --> 00:04:34,130

and it has to be human beings who carry

72

00:04:42,430 --> 00:04:38,360

out this work I guess no can skip this

73

00:04:45,670 --> 00:04:42,440

just a warm-up quick question apart from

74

00:04:47,320 --> 00:04:45,680

your family is there anything you miss

75

00:04:56,530 --> 00:04:47,330

up there like a piece of black bread

76

00:04:58,300 --> 00:04:56,540

with cheese from week to week I saw a

77

00:05:01,210 --> 00:04:58,310

television program last week where

78

00:05:04,030 --> 00:05:01,220

someone ordered pizza and I got a real

79

00:05:06,670 --> 00:05:04,040

craving for it of course there are some

80

00:05:18,580 --> 00:05:06,680

practical things that we we meet that we

81

00:05:20,560 --> 00:05:18,590

need someone gave us fresh apples so we

82

00:05:21,969 --> 00:05:20,570

don't feel so very far away from the

83

00:05:26,590 --> 00:05:21,979

earth when we can bite into a fresh

84

00:05:28,840 --> 00:05:26,600

apple I guess we didn't get invited

85

00:05:33,570 --> 00:05:28,850

Mohammad Adam booth Andy to Sawada

86

00:05:37,210 --> 00:05:33,580

London so we would like to the viewers

87

00:05:39,840 --> 00:05:37,220

of the London show even half since we're

88

00:05:42,250 --> 00:05:39,850

about look back I had send you greetings

89

00:05:46,600 --> 00:05:42,260

dear listeners to the beautiful

90

00:05:56,100 --> 00:05:46,610

baden-württemberg greetings from the

91

00:06:02,469 --> 00:05:59,700

I'm going to say it one more time

92

00:06:07,029 --> 00:06:02,479

compatriots I've send you greetings from

93

00:06:08,950 --> 00:06:07,039

the ISS up here to the beautiful

94

00:06:11,980 --> 00:06:08,960

Vandenberg which I can see clearly from

95

00:06:12,400 --> 00:06:11,990

up here but not the B to the C I'm a

96

00:06:15,640 --> 00:06:12,410

dragon

97

00:06:18,820 --> 00:06:15,650

hallo Kevin and I have one request that

98

00:06:25,570 --> 00:06:18,830

you say just once hello Kevin hello

99

00:06:33,399 --> 00:06:25,580

Karen one bitter noxious on seal F work

100

00:06:37,440 --> 00:06:33,409

off Donna expedition okay and by and all

101
00:06:42,970 --> 00:06:40,270
did I think I'm at Bundestag but looking

102
00:06:47,230 --> 00:06:42,980
back often been what the Spartanburg but

103
00:06:50,200 --> 00:06:47,240
looked like from space it's beautiful

104
00:06:55,440 --> 00:06:50,210
map here you see the brine valve Valley

105
00:07:04,810 --> 00:07:00,160
I've seen the Abner that's hard to find

106
00:07:09,670 --> 00:07:04,820
but I I did my did see my hometown but I

107
00:07:11,320 --> 00:07:09,680
did eventually catch a glimpse of it the

108
00:07:13,240 --> 00:07:11,330
gates even benefit off the high mobility

109
00:07:20,260 --> 00:07:13,250
how do you feel when you look at your

110
00:07:26,430 --> 00:07:20,270
your hometown that's just fantastic to

111
00:07:33,970 --> 00:07:30,340
but I try to take pictures to capture

112
00:07:37,470 --> 00:07:33,980
the view you tend to see more that the

113
00:07:41,230 --> 00:07:37,480

big things you see Europe all at once

114

00:07:44,530 --> 00:07:41,240

you have to imagine flying ISS over

115

00:07:49,420 --> 00:07:44,540

Europe you see all of it it wants to see

116

00:07:53,110 --> 00:07:49,430

Ireland on the on the one side it's

117

00:07:57,370 --> 00:07:53,120

amazing how far you can see and it's

118

00:08:00,370 --> 00:07:57,380

fabulous when you see all the lights and

119

00:08:02,740 --> 00:08:00,380

I almost feel like I'm at home when I'm

120

00:08:04,390 --> 00:08:02,750

flying over it do you know Alex when I

121

00:08:06,490 --> 00:08:04,400

guess thank you very much

122

00:08:08,470 --> 00:08:06,500

Alexander guests for these lovely

123

00:08:08,680 --> 00:08:08,480

impressions and all the best to you up

124

00:08:23,570 --> 00:08:08,690

there

125

00:08:23,580 --> 00:08:29,400

okay first question 4 :

126

00:08:39,719 --> 00:08:33,570

enjoy your Apple how's the mouse up

127

00:08:48,510 --> 00:08:39,729

there in the space it has kept me

128

00:08:51,240 --> 00:08:48,520

company all day all the time here it's a

129

00:08:53,370 --> 00:08:51,250

little bit scared lick their mouth from

130

00:08:57,180 --> 00:08:53,380

the end of the night AC and so sheeps

131

00:08:59,010 --> 00:08:57,190

anguish devout I envy you your your view

132

00:09:00,360 --> 00:08:59,020

of the earth do you have a different

133

00:09:06,750 --> 00:09:00,370

perception of the earth when you're up

134

00:09:29,160 --> 00:09:08,640

it enhances your perception of

135

00:09:34,079 --> 00:09:29,170

everything being up here you see the

136

00:09:36,750 --> 00:09:34,089

like a big ball of rock around rock and

137

00:09:44,370 --> 00:09:36,760

if we destroy that then we will have

138

00:09:52,350 --> 00:09:44,380

nothing left we have to look outward to

139

00:09:54,390 --> 00:09:52,360

our environment own dimension sometimes

140

00:10:05,240 --> 00:09:54,400

you forget that there are dangers out

141

00:10:12,660 --> 00:10:09,810

and you see a shooting star below us and

142

00:10:19,550 --> 00:10:12,670

you're out here and you just get a

143

00:10:21,900 --> 00:10:19,560

different view we're well on the way to

144

00:10:27,449 --> 00:10:21,910

exploring space and finding out more

145

00:10:33,750 --> 00:10:27,459

about it the ng-show knows I don't see

146

00:10:38,430 --> 00:10:33,760

the beautiful side yes I have

147

00:10:41,010 --> 00:10:38,440

I'm getting feedback okay CML and Kyle

148

00:10:44,880 --> 00:10:41,020

Vegas and a big upholstered from Gaza

149

00:10:47,610 --> 00:10:44,890

country you posted a sad picture of Gaza

150

00:10:54,960 --> 00:10:47,620

what was what did it feel like to view

151

00:10:59,930 --> 00:10:54,970

that from up there something that

152

00:11:13,580 --> 00:11:03,480

question of how we humans treat each

153

00:11:17,100 --> 00:11:13,590

other if we were ever to be visited by

154

00:11:19,680 --> 00:11:17,110

aliens or other species how how would we

155

00:11:23,180 --> 00:11:19,690

explain our behavior to them I I don't

156

00:11:28,430 --> 00:11:25,560

it's an anemic desire I miss you oh yeah

157

00:11:31,440 --> 00:11:28,440

xiangyan limbs come at food but you've

158

00:11:33,570 --> 00:11:31,450

you've fulfilled your dream on this

159

00:11:35,550 --> 00:11:33,580

mission what's what's in store for you

160

00:11:40,460 --> 00:11:35,560

next is is there a mission to Mars in

161

00:11:47,400 --> 00:11:44,250

microphone is open again I'm hoping that

162

00:11:51,860 --> 00:11:47,410

I'm not going to get feedback again you

163

00:11:57,480 --> 00:11:55,770

perhaps not for me personally and it's

164

00:11:59,790 --> 00:11:57,490

not a really a question of whether I

165

00:12:02,490 --> 00:11:59,800

actually go there but but it's

166

00:12:07,430 --> 00:12:02,500

definitely the next step for human

167

00:12:10,260 --> 00:12:07,440

beings we human beings have been

168

00:12:12,120 --> 00:12:10,270

exploring the earth and our surroundings

169

00:12:14,820 --> 00:12:12,130

and we've really been exploring space

170

00:12:18,180 --> 00:12:14,830

only for 50 years but we're naturally

171

00:12:24,240 --> 00:12:18,190

curious species so that's amazing how

172

00:12:29,810 --> 00:12:24,250

far we've come a natural consequence

173

00:12:36,660 --> 00:12:32,820

yeah we would travel to the moon for a

174

00:12:43,220 --> 00:12:36,670

short time and we need to explore the

175

00:12:45,410 --> 00:12:43,230

moon some more and Mars is a natural

176

00:12:46,790 --> 00:12:45,420

next step and

177

00:12:55,430 --> 00:12:46,800

have to find out whether we have

178

00:12:57,530 --> 00:12:55,440

brothers and sisters out there we have

179

00:13:00,590 --> 00:12:57,540

to learn we're learning also how the

180

00:13:05,000 --> 00:13:00,600

earth is influenced by meteor meteorite

181

00:13:09,260 --> 00:13:05,010

strikes that's the most important is

182

00:13:16,790 --> 00:13:09,270

that we tackle this project of going to

183

00:13:20,150 --> 00:13:16,800

Mars 2020

184

00:13:23,180 --> 00:13:20,160

maybe ISS will be over and then we'll

185

00:13:26,920 --> 00:13:23,190

have to decide to decide to plan what is

186

00:13:33,350 --> 00:13:29,390

super picky Monsieur it's good that you

187

00:13:40,180 --> 00:13:33,360

mentioned future mission trips to Mars

188

00:13:47,090 --> 00:13:40,190

and in the following the ISS okay

189

00:13:52,220 --> 00:13:47,100

where's the mouse the mouse is hiding it

190

00:13:54,560 --> 00:13:52,230

it's hiding in an air inlet and it's

191

00:14:09,730 --> 00:13:54,570

perhaps a little bit embarrassed to be

192

00:14:15,260 --> 00:14:09,740

shown in it's a spacesuit hello again

193

00:14:17,630 --> 00:14:15,270

greetings from Munich yes glad you

194

00:14:21,620 --> 00:14:17,640

agreed to this interview this inter

195

00:14:26,660 --> 00:14:21,630

marathon interview okay okay we are

196

00:14:29,440 --> 00:14:26,670

going to be on the midday program I'm

197

00:14:29,450 --> 00:14:40,570

done fine in Rio hon let's begin then

198

00:14:48,170 --> 00:14:44,660

hello mr. guest no after nine weeks no

199

00:14:54,370 --> 00:14:48,180

cabin fever it's not really all that

200

00:14:57,590 --> 00:14:54,380

tight here we are six people and we will

201
00:14:59,290 --> 00:14:57,600
spread out quite nicely during the day

202
00:15:03,790 --> 00:14:59,300
and when the Columbus

203
00:15:06,990 --> 00:15:03,800
mahjongg that's quite nice when we made

204
00:15:14,530 --> 00:15:11,680
it seems persona in the situation you

205
00:15:19,720 --> 00:15:14,540
you stick together and you get on well

206
00:15:21,220 --> 00:15:19,730
and we've never had any any this discord

207
00:15:26,020 --> 00:15:21,230
up here at all and I've noticed that

208
00:15:28,090 --> 00:15:26,030
when I went to Antarctica and you

209
00:15:32,650 --> 00:15:28,100
working with Americans and Russians and

210
00:15:34,930 --> 00:15:32,660
there no problems whatsoever okay well

211
00:15:37,720 --> 00:15:34,940
you have technical problems day to day

212
00:15:41,830 --> 00:15:37,730
and that's that's a normal thing that

213
00:15:46,570 --> 00:15:41,840

you expect up here we're on the

214

00:15:50,260 --> 00:15:46,580

forefront of technology after all maybe

215

00:15:56,320 --> 00:15:50,270

hard to believe we get on extremely well

216

00:15:58,630 --> 00:15:56,330

all day long together yeah but during

217

00:16:00,610 --> 00:15:58,640

the day we each work on our individual

218

00:16:06,640 --> 00:16:00,620

projects and we really only meet for

219

00:16:09,760 --> 00:16:06,650

meals from the infliction of the element

220

00:16:11,200 --> 00:16:09,770

what what do you notice about the

221

00:16:15,700 --> 00:16:11,210

different conflicts on earth from up

222

00:16:24,010 --> 00:16:15,710

there of course I've listened to the

223

00:16:29,680 --> 00:16:24,020

news and watch the news upload the daily

224

00:16:33,220 --> 00:16:29,690

news programs I might read a magazine on

225

00:16:35,050 --> 00:16:33,230

the weekends in any corner for and I

226

00:16:39,160 --> 00:16:35,060

read an electronic magazine onyx

227

00:16:43,150 --> 00:16:39,170

magazine and I I do keep informed even

228

00:16:47,640 --> 00:16:43,160

if it's only a couple of days but day or

229

00:16:50,140 --> 00:16:47,650

so later what do you think about the

230

00:16:51,700 --> 00:16:50,150

problems on earth and how people are

231

00:16:57,790 --> 00:16:51,710

fighting with each other and making life

232

00:17:00,070 --> 00:16:57,800

difficult husband IQ that's who wanna

233

00:17:04,300 --> 00:17:00,080

see it's understandable when you're on

234

00:17:06,610 --> 00:17:04,310

earth if you have a problem straight in

235

00:17:08,680 --> 00:17:06,620

front of you you think about it but

236

00:17:12,240 --> 00:17:08,690

sometimes it's a good thing to step back

237

00:17:15,060 --> 00:17:12,250

and get a wider perspective

238

00:17:19,920 --> 00:17:15,070

in the inconvenient ancestor when I look

239

00:17:22,110 --> 00:17:19,930

out the window here I think that we

240

00:17:25,230 --> 00:17:22,120

humans are often preoccupied without

241

00:17:31,350 --> 00:17:25,240

small day-to-day problems and we get

242

00:17:33,300 --> 00:17:31,360

caught up in those and we we should see

243

00:17:33,960 --> 00:17:33,310

the whole picture and treat each other

244

00:17:42,000 --> 00:17:33,970

better

245

00:17:46,320 --> 00:17:42,010

on earth unlimited very limited just

246

00:17:54,690 --> 00:17:46,330

this blue round rock all that we have is

247

00:17:58,170 --> 00:17:54,700

on this round and we cannot waste and

248

00:18:00,030 --> 00:17:58,180

destroy what we have on that planet and

249

00:18:03,500 --> 00:18:00,040

that's that's the the main thing that

250

00:18:09,540 --> 00:18:03,510

comes through to me from up here

251

00:18:14,810 --> 00:18:09,550

Alexander that was Alexander guest our

252

00:18:17,600 --> 00:18:14,820

German astronaut on the ISS thank you a

253

00:18:19,670 --> 00:18:17,610

continued success on your mission and

254

00:18:22,620 --> 00:18:19,680

safe return

255

00:18:28,020 --> 00:18:22,630

greetings from the International Space

256

00:18:31,320 --> 00:18:28,030

Station Thank You station this concludes

257

00:18:38,810 --> 00:18:31,330

the event with ard as we are video and I