



HATCH

IT

AH

TO

1
00:00:06,070 --> 00:00:02,149
station this is the view how do you hear

2
00:00:11,669 --> 00:00:09,030
we have you loud and clear

3
00:00:14,230 --> 00:00:11,679
listen i always say copy that from

4
00:00:18,310 --> 00:00:14,240
africa okay

5
00:00:22,390 --> 00:00:20,950
and they were rolling over saying yeah

6
00:00:24,150 --> 00:00:22,400
can i come back and they look like me

7
00:00:26,390 --> 00:00:24,160
here we go few seconds

8
00:00:27,589 --> 00:00:26,400
a few seconds they'll be talking to you

9
00:00:29,349 --> 00:00:27,599
what's wrong with everything being

10
00:00:31,830 --> 00:00:29,359
politically correct all the time we're

11
00:00:34,389 --> 00:00:31,840
not a nation of puppets okay so it's

12
00:00:37,590 --> 00:00:34,399
about eight months since astronaut scott

13
00:00:40,310 --> 00:00:37,600

kelly and cosmonaut machiavelli

14

00:00:41,830 --> 00:00:40,320

kenko i think blasted to the

15

00:00:43,510 --> 00:00:41,840

international space station on a

16

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

year-long mission so we're going to

17

00:00:48,069 --> 00:00:45,280

check in with them right now live from

18

00:00:54,310 --> 00:00:48,079

250 miles above the earth commander

19

00:00:54,320 --> 00:01:09,510

okay

20

00:01:13,350 --> 00:01:11,429

we're floating space station welcome

21

00:01:15,429 --> 00:01:13,360

aboard the space station we have a

22

00:01:17,510 --> 00:01:15,439

little bit of a delay

23

00:01:21,510 --> 00:01:17,520

there

24

00:01:22,789 --> 00:01:21,520

what i was what i was going to say is uh

25

00:01:30,870 --> 00:01:22,799

good morning and welcome aboard the

26

00:01:35,270 --> 00:01:33,109

you guys are in space so this is i'm

27

00:01:38,550 --> 00:01:35,280

told going to be the longest expedition

28

00:01:40,310 --> 00:01:38,560

that any astronaut has ever taken

29

00:01:42,069 --> 00:01:40,320

what are you working on what's going on

30

00:01:47,910 --> 00:01:42,079

up there has anybody tapped on the

31

00:01:53,030 --> 00:01:51,109

well actually uh two of us uh jel ingram

32

00:01:55,510 --> 00:01:53,040

uh the other american astronaut here and

33

00:01:57,830 --> 00:01:55,520

i were outside the space station

34

00:02:00,469 --> 00:01:57,840

on friday but we didn't get anywhere

35

00:02:02,310 --> 00:02:00,479

close to the windows to to tap on them

36

00:02:03,990 --> 00:02:02,320

and look inside but

37

00:02:06,069 --> 00:02:04,000

we're doing a lot of experiments up here

38

00:02:07,670 --> 00:02:06,079

we got 400 different experiments

39

00:02:09,990 --> 00:02:07,680

throughout the year i'm here in all

40

00:02:12,309 --> 00:02:10,000

different types of uh of scientific

41

00:02:15,830 --> 00:02:12,319

disciplines so we have a lot of stuff

42

00:02:29,110 --> 00:02:17,990

me kyle tell us about your daily routine

43

00:02:33,990 --> 00:02:31,190

just like in the military we get up at 6

44

00:02:37,430 --> 00:02:34,000

00 a.m then we have past sleep we have

45

00:02:40,550 --> 00:02:37,440

the morning daily planning conference

46

00:02:43,110 --> 00:02:40,560

and then we start working and then we

47

00:02:44,790 --> 00:02:43,120

hold the evening dpc daily planning

48

00:02:46,309 --> 00:02:44,800

conference and

49

00:02:48,070 --> 00:02:46,319

after that

50

00:02:51,430 --> 00:02:48,080

we can continue doing what we were doing

51

00:02:53,589 --> 00:02:51,440

during the whole day

52

00:02:55,509 --> 00:02:53,599

you have a beautiful voice by the way

53

00:02:56,710 --> 00:02:55,519

i want my mic to float in the air like

54

00:02:58,149 --> 00:02:56,720

that um scott

55

00:03:04,949 --> 00:02:58,159

what do you do for fun up there other

56

00:03:08,229 --> 00:03:05,990

well

57

00:03:11,190 --> 00:03:08,239

we are uh we're pretty busy but we do

58

00:03:13,509 --> 00:03:11,200

have some uh some down time obviously

59

00:03:14,790 --> 00:03:13,519

you need that to kind of refresh your

60

00:03:18,869 --> 00:03:14,800

battery

61

00:03:21,509 --> 00:03:18,879

um and recharge but uh you know we watch

62

00:03:23,750 --> 00:03:21,519

movies we look out the window take

63

00:03:25,830 --> 00:03:23,760

pictures of the earth we read we have

64

00:03:28,149 --> 00:03:25,840

the uh the capability to talk to folks

65

00:03:31,830 --> 00:03:28,159

on the ground with a with a kind of a

66

00:03:34,149 --> 00:03:31,840

voice over ip telephone and an email and

67

00:03:38,390 --> 00:03:34,159

stuff like that so uh we we got some

68

00:03:41,589 --> 00:03:40,390

okay so we also know that in space your

69

00:03:43,430 --> 00:03:41,599

weightless we can see and this is

70

00:03:58,390 --> 00:03:43,440

awesome can you demonstrate a few twists

71

00:04:01,990 --> 00:04:00,550

weightless wouldn't you yeah

72

00:04:03,670 --> 00:04:02,000

just a whole another conversation my

73

00:04:05,830 --> 00:04:03,680

goodness you guys thank you so much

74

00:04:06,630 --> 00:04:05,840

we're so honored that you you took our

75

00:04:08,470 --> 00:04:06,640

call

76

00:04:10,229 --> 00:04:08,480

uh we are

77

00:04:12,070 --> 00:04:10,239

praying for you making sure that

78

00:04:14,390 --> 00:04:12,080

everything goes well and

79

00:04:16,870 --> 00:04:14,400

keep us safe and keep watch on us and if

80

00:04:19,430 --> 00:04:16,880

you see anybody floating past

81

00:04:21,430 --> 00:04:19,440

tell them we'd love to meet them

82

00:04:25,510 --> 00:04:21,440

thank you so much and we will be right

83

00:04:35,030 --> 00:04:28,790

and you'll be the first person we call

84

00:04:43,189 --> 00:04:37,189

we are gonna say good night

85

00:04:47,749 --> 00:04:45,110

station this is houston acr that

86

00:04:49,909 --> 00:04:47,759

concludes the view portion of the event

87

00:04:52,230 --> 00:04:49,919

please stand by for a voice check from

88

00:04:58,469 --> 00:04:52,240

itv news

89

00:05:07,430 --> 00:05:00,310

we have you loud and clear welcome

90

00:05:15,749 --> 00:05:09,189

scott and mikhail thank you very much

91

00:05:15,759 --> 00:05:21,350

it's a pleasure to be here thank you

92

00:05:24,950 --> 00:05:22,950

obviously part of the reason you've been

93

00:05:26,469 --> 00:05:24,960

up in space there a very long time part

94

00:05:28,710 --> 00:05:26,479

of the reason as i understand it for

95

00:05:30,629 --> 00:05:28,720

your mission is to assess the impact on

96

00:05:36,150 --> 00:05:30,639

you what do you think at this point we

97

00:05:38,710 --> 00:05:36,950

well

98

00:05:41,110 --> 00:05:38,720

my assumption is we're we're learning a

99

00:05:44,230 --> 00:05:41,120

lot but uh you know a lot of the data we

100

00:05:46,550 --> 00:05:44,240

collect is uh analyzed on the ground

101
00:05:48,710 --> 00:05:46,560
over a long period of time

102
00:05:50,950 --> 00:05:48,720
but uh you know my hope is

103
00:05:53,110 --> 00:05:50,960
is the results of that will

104
00:05:55,350 --> 00:05:53,120
allow us to uh you know understand

105
00:05:56,629 --> 00:05:55,360
better than the uh the negative effects

106
00:05:58,230 --> 00:05:56,639
of being in this microgravity

107
00:06:01,350 --> 00:05:58,240
environment how do we mitigate those

108
00:06:05,110 --> 00:06:01,360
effects particularly with regards to uh

109
00:06:06,390 --> 00:06:05,120
the uh impact on our bones our muscles

110
00:06:09,510 --> 00:06:06,400
our vision

111
00:06:12,390 --> 00:06:09,520
uh the effects of radiation on our uh

112
00:06:13,830 --> 00:06:12,400
you know at a genetic level so uh

113
00:06:15,430 --> 00:06:13,840

you know the jury's still out but i'm

114

00:06:17,110 --> 00:06:15,440

i'm i'm hopeful that we're gonna learn a

115

00:06:19,990 --> 00:06:17,120

lot and it's gonna help us get to mars

116

00:06:21,830 --> 00:06:20,000

someday

117

00:06:24,469 --> 00:06:21,840

can i ask both of you if you were

118

00:06:26,309 --> 00:06:24,479

talking to a young boy or girl in

119

00:06:28,950 --> 00:06:26,319

america or russia or indeed anywhere in

120

00:06:31,029 --> 00:06:28,960

the world and they were asking you to

121

00:06:33,670 --> 00:06:31,039

look forward 20 or 30 years into the

122

00:06:35,430 --> 00:06:33,680

future of space exploration what picture

123

00:06:37,749 --> 00:06:35,440

would you paint to them of where you

124

00:06:45,670 --> 00:06:37,759

think will be

125

00:06:45,680 --> 00:07:00,790

obviously

126

00:07:06,790 --> 00:07:04,390

that our next step in space exploration

127

00:07:10,070 --> 00:07:06,800

is the exploration of the solar system

128

00:07:12,870 --> 00:07:10,080

it's the moon it's mars

129

00:07:15,670 --> 00:07:12,880

and the mankind will definitely continue

130

00:07:16,710 --> 00:07:15,680

their space exploration endeavors

131

00:07:17,749 --> 00:07:16,720

we

132

00:07:20,790 --> 00:07:17,759

don't have

133

00:07:23,350 --> 00:07:20,800

any other way but to

134

00:07:25,670 --> 00:07:23,360

continue exploring uh you know 20 to 30

135

00:07:28,390 --> 00:07:25,680

years from now we will have

136

00:07:30,309 --> 00:07:28,400

had people on mars

137

00:07:32,629 --> 00:07:30,319

you know i'd personally like to also see

138

00:07:34,629 --> 00:07:32,639

a base on the moon i still think there's

139

00:07:35,990 --> 00:07:34,639

a lot of value in going to the moon and

140

00:07:37,350 --> 00:07:36,000

having uh

141

00:07:39,430 --> 00:07:37,360

you know there's a lot of science that

142

00:07:42,150 --> 00:07:39,440

can be be conducted there but you know

143

00:07:44,390 --> 00:07:42,160

our our ultimate long-term goal right

144

00:07:48,390 --> 00:07:44,400

now is mars and i'd like to see that

145

00:07:52,550 --> 00:07:50,150

it's been fascinating watching what

146

00:07:54,710 --> 00:07:52,560

we've learned about mars this is a very

147

00:07:56,950 --> 00:07:54,720

simplistic question but at this point do

148

00:08:04,550 --> 00:07:56,960

you feel confident there is significant

149

00:08:07,990 --> 00:08:06,309

you know i think

150

00:08:09,430 --> 00:08:08,000

statistically

151
00:08:11,670 --> 00:08:09,440
it's probably

152
00:08:13,350 --> 00:08:11,680
very likely i mean if you consider the

153
00:08:15,830 --> 00:08:13,360
number of stars

154
00:08:17,589 --> 00:08:15,840
in the universe and you know the number

155
00:08:21,110 --> 00:08:17,599
of potential planets orbiting those

156
00:08:23,909 --> 00:08:21,120
stars in this uh you know habitable zone

157
00:08:26,230 --> 00:08:23,919
you know as distance away from

158
00:08:29,589 --> 00:08:26,240
from from the star that would

159
00:08:32,230 --> 00:08:29,599
potentially support life i think it's uh

160
00:08:33,990 --> 00:08:32,240
very very likely you know my

161
00:08:35,110 --> 00:08:34,000
understanding is there are more stars in

162
00:08:39,509 --> 00:08:35,120
our

163
00:08:41,430 --> 00:08:39,519

sand on all the beaches and deserts on

164

00:08:42,949 --> 00:08:41,440

earth so you know when we look out the

165

00:08:45,110 --> 00:08:42,959

window here and see

166

00:08:49,990 --> 00:08:45,120

how much sand there is out there that's

167

00:08:53,030 --> 00:08:51,590

mikhail none of us

168

00:08:54,949 --> 00:08:53,040

really imagine

169

00:08:56,949 --> 00:08:54,959

life not being on earth you're up there

170

00:08:58,710 --> 00:08:56,959

you're not on earth you're looking back

171

00:09:05,990 --> 00:08:58,720

do you look at us with longing or are

172

00:09:06,000 --> 00:09:18,630

with twisty challenges

173

00:09:22,550 --> 00:09:21,509

of course i'm longing it's a normal

174

00:09:25,190 --> 00:09:22,560

feeling

175

00:09:27,030 --> 00:09:25,200

for a human being who is not on earth

176

00:09:28,949 --> 00:09:27,040

even when we are on earth when we go

177

00:09:30,389 --> 00:09:28,959

somewhere on the business trip where we

178

00:09:32,949 --> 00:09:30,399

miss home

179

00:09:35,350 --> 00:09:32,959

here even though we can see the earth

180

00:09:37,590 --> 00:09:35,360

all the time we cannot touch it

181

00:09:39,509 --> 00:09:37,600

so to say we don't have grass we don't

182

00:09:41,269 --> 00:09:39,519

have rain we don't have

183

00:09:44,150 --> 00:09:41,279

forests we don't have trees so of course

184

00:09:48,949 --> 00:09:44,160

we miss the earth it is a very usual

185

00:09:54,389 --> 00:09:52,230

scott we've got the climate change uh

186

00:09:56,790 --> 00:09:54,399

talks coming up very soon in paris i'm

187

00:09:59,030 --> 00:09:56,800

sure you'll be aware of those what do

188

00:10:01,350 --> 00:09:59,040

you feel when you look back uh down on

189

00:10:02,470 --> 00:10:01,360

earth you long to be here as well or

190

00:10:03,990 --> 00:10:02,480

you're

191

00:10:10,870 --> 00:10:04,000

perfectly happy out there you've been

192

00:10:14,230 --> 00:10:12,870

you know there's uh one of the

193

00:10:16,150 --> 00:10:14,240

cosmonauts that was recently up here

194

00:10:17,910 --> 00:10:16,160

gennady padalka says when he's on earth

195

00:10:19,910 --> 00:10:17,920

he longs to be in space and when he's in

196

00:10:21,990 --> 00:10:19,920

space he longs to be on earth

197

00:10:23,750 --> 00:10:22,000

and uh you know i have a little bit of

198

00:10:26,310 --> 00:10:23,760

sense for that right now you know we've

199

00:10:28,470 --> 00:10:26,320

been up here about seven a little over

200

00:10:30,790 --> 00:10:28,480

seven months with

201
00:10:32,389 --> 00:10:30,800
you know like almost five months to go

202
00:10:33,670 --> 00:10:32,399
and there's uh

203
00:10:36,310 --> 00:10:33,680
you know although i appreciate this

204
00:10:38,949 --> 00:10:36,320
experience and and it's a privilege i do

205
00:10:41,670 --> 00:10:38,959
uh you know look forward to returning to

206
00:10:43,269 --> 00:10:41,680
earth and everything earth has to offer

207
00:10:45,509 --> 00:10:43,279
um you know it is a very beautiful

208
00:10:47,590 --> 00:10:45,519
planet you did mention the the climate

209
00:10:50,550 --> 00:10:47,600
change stuff there is

210
00:10:52,790 --> 00:10:50,560
you know evidence of that that you know

211
00:10:54,949 --> 00:10:52,800
evidence of you know people's presence

212
00:10:57,750 --> 00:10:54,959
on earth and what it does to the uh

213
00:10:58,949 --> 00:10:57,760

atmosphere from here so uh you know you

214

00:11:00,710 --> 00:10:58,959

do have a little bit of different

215

00:11:02,550 --> 00:11:00,720

perspective on on

216

00:11:08,150 --> 00:11:02,560

on that and you know the fact that we

217

00:11:10,870 --> 00:11:09,110

mikhail

218

00:11:12,310 --> 00:11:10,880

a lot of cosmonauts

219

00:11:14,230 --> 00:11:12,320

whose interviews i've read over the

220

00:11:16,470 --> 00:11:14,240

years have said that their period in

221

00:11:18,069 --> 00:11:16,480

space did change them sometimes in quite

222

00:11:20,470 --> 00:11:18,079

a fundamental way change their

223

00:11:23,910 --> 00:11:20,480

perspective uh would you say that's true

224

00:11:23,920 --> 00:11:40,550

interview because

225

00:11:40,560 --> 00:11:48,069

foreign

226

00:11:52,949 --> 00:11:50,629

my perspective and my entity towards the

227

00:11:55,269 --> 00:11:52,959

earth has changed i know that a lot of

228

00:11:56,790 --> 00:11:55,279

cosmonauts and astronauts have talked

229

00:11:58,550 --> 00:11:56,800

about it

230

00:12:00,470 --> 00:11:58,560

it is our home and of course while

231

00:12:02,310 --> 00:12:00,480

you're on the station you definitely

232

00:12:04,310 --> 00:12:02,320

understand that and you understand that

233

00:12:06,230 --> 00:12:04,320

we have to take care of

234

00:12:09,990 --> 00:12:06,240

our earth our home

235

00:12:12,310 --> 00:12:10,000

and we see that there are cases of

236

00:12:14,230 --> 00:12:12,320

absolutely unreasonable use of resources

237

00:12:18,389 --> 00:12:14,240

of our earth so i believe this must

238

00:12:22,230 --> 00:12:20,310

scott one of our viewers we asked our

239

00:12:23,910 --> 00:12:22,240

viewers to send in some questions today

240

00:12:26,310 --> 00:12:23,920

and one of them uh

241

00:12:27,269 --> 00:12:26,320

suggested that i ask you when you get

242

00:12:29,670 --> 00:12:27,279

back

243

00:12:31,829 --> 00:12:29,680

home to planet earth strange thing to

244

00:12:33,590 --> 00:12:31,839

say when you get home to planet earth

245

00:12:41,030 --> 00:12:33,600

and there are no cameras on you what's

246

00:12:45,590 --> 00:12:43,269

um

247

00:12:48,230 --> 00:12:45,600

yeah i'm not sure you know we land in uh

248

00:12:48,949 --> 00:12:48,240

in kazakhstan uh

249

00:12:52,389 --> 00:12:48,959

and

250

00:12:55,430 --> 00:12:52,399

there to support us

251
00:12:57,750 --> 00:12:55,440
they take us immediately to a tent

252
00:12:58,870 --> 00:12:57,760
when that's i guess the first time there

253
00:13:01,269 --> 00:12:58,880
won't be

254
00:13:02,550 --> 00:13:01,279
be cameras on us and

255
00:13:04,069 --> 00:13:02,560
you know that's when we get out of our

256
00:13:06,550 --> 00:13:04,079
spacesuits so i guess the first thing

257
00:13:11,590 --> 00:13:06,560
i'll do when the the cameras are off me

258
00:13:18,550 --> 00:13:13,509
will that be a relief finally after all

259
00:13:22,870 --> 00:13:21,030
yeah absolutely you know it's uh like i

260
00:13:25,190 --> 00:13:22,880
said earlier this is a uh you know a

261
00:13:27,590 --> 00:13:25,200
privilege a uh incredible experience but

262
00:13:29,910 --> 00:13:27,600
they're they're do things you there are

263
00:13:32,470 --> 00:13:29,920

many things you miss on earth uh

264

00:13:34,790 --> 00:13:32,480

you know the outside the the breeze the

265

00:13:35,670 --> 00:13:34,800

sun on your on your face

266

00:13:40,389 --> 00:13:35,680

um

267

00:13:42,389 --> 00:13:40,399

know the people that you you know you

268

00:13:45,350 --> 00:13:42,399

care for on earth you certainly miss

269

00:13:47,990 --> 00:13:45,360

them and being around them

270

00:13:49,910 --> 00:13:48,000

so earth is a great place great planet

271

00:13:51,509 --> 00:13:49,920

and has a lot to offer and i

272

00:13:53,350 --> 00:13:51,519

you know i really look going look

273

00:13:56,470 --> 00:13:53,360

forward to going back there someday as

274

00:14:00,069 --> 00:13:57,269

um

275

00:14:01,750 --> 00:14:00,079

can i ask both of you what you miss most

276

00:14:04,310 --> 00:14:01,760

you talked about some of the things you

277

00:14:06,790 --> 00:14:04,320

miss on earth uh there what do you both

278

00:14:09,030 --> 00:14:06,800

uh individually maybe mikko you could go

279

00:14:13,269 --> 00:14:09,040

first what do you both miss uh about

280

00:14:23,509 --> 00:14:14,870

but you know

281

00:14:28,310 --> 00:14:26,470

i would like to repeat it once again i

282

00:14:29,430 --> 00:14:28,320

miss our earth

283

00:14:32,069 --> 00:14:29,440

you can

284

00:14:33,030 --> 00:14:32,079

not even compare it with missing your

285

00:14:36,310 --> 00:14:33,040

home

286

00:14:39,030 --> 00:14:36,320

i miss the earth in general probably you

287

00:14:40,069 --> 00:14:39,040

can have this feeling only here on board

288

00:14:42,470 --> 00:14:40,079

the station

289

00:14:48,870 --> 00:14:42,480

i miss forests i miss water i miss

290

00:14:53,829 --> 00:14:50,870

i miss thunderstorms

291

00:14:54,949 --> 00:14:53,839

winter and so on i miss the earth i miss

292

00:14:57,189 --> 00:14:54,959

grass

293

00:14:58,870 --> 00:14:57,199

yeah and for me you know it's uh

294

00:15:01,030 --> 00:14:58,880

definitely the

295

00:15:03,590 --> 00:15:01,040

human contact although you know we're

296

00:15:06,150 --> 00:15:03,600

great friends colleagues we have a great

297

00:15:07,590 --> 00:15:06,160

relationship up here you definitely miss

298

00:15:09,829 --> 00:15:07,600

you know the people that are important

299

00:15:11,350 --> 00:15:09,839

in your in your life uh

300

00:15:13,829 --> 00:15:11,360

on earth

301

00:15:17,110 --> 00:15:13,839

you know after that i would say

302

00:15:18,790 --> 00:15:17,120

going outside and the weather like i

303

00:15:21,509 --> 00:15:18,800

talked about but also you know the

304

00:15:24,629 --> 00:15:21,519

freedom you know freedom to do you know

305

00:15:26,389 --> 00:15:24,639

a larger variety of things to uh

306

00:15:29,509 --> 00:15:26,399

you know do something stuff on your own

307

00:15:31,749 --> 00:15:29,519

schedule to to leave you know the place

308

00:15:33,030 --> 00:15:31,759

you're at you definitely you know being

309

00:15:35,430 --> 00:15:33,040

up here for a really long time

310

00:15:37,350 --> 00:15:35,440

appreciate the the freedom that uh you

311

00:15:39,430 --> 00:15:37,360

know many of us on earth

312

00:15:45,350 --> 00:15:39,440

um you know have the have the privilege

313

00:15:48,870 --> 00:15:47,269

scott maybe i could just ask you finally

314

00:15:50,790 --> 00:15:48,880

then we've got a british colleague

315

00:15:52,389 --> 00:15:50,800

coming up there to join you

316

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

he said on british television in the

317

00:15:56,470 --> 00:15:54,399

last couple of days

318

00:15:57,430 --> 00:15:56,480

that his main the main purpose of his

319

00:15:59,269 --> 00:15:57,440

mission

320

00:16:01,030 --> 00:15:59,279

was to get young people interested in

321

00:16:02,389 --> 00:16:01,040

science and he felt that if he did that

322

00:16:09,670 --> 00:16:02,399

everything would be

323

00:16:14,550 --> 00:16:11,430

you know you know i i don't know if it's

324

00:16:16,550 --> 00:16:14,560

the uh the main purpose uh you know the

325

00:16:19,110 --> 00:16:16,560

space station serves a lot of functions

326

00:16:20,949 --> 00:16:19,120

the science

327

00:16:23,749 --> 00:16:20,959

goals of this

328

00:16:25,829 --> 00:16:23,759

uh space station i think is is you know

329

00:16:27,509 --> 00:16:25,839

for me one of the

330

00:16:30,069 --> 00:16:27,519

you know maybe the top priority it's

331

00:16:32,310 --> 00:16:30,079

kind of hard to to weigh one against the

332

00:16:33,430 --> 00:16:32,320

other but uh certainly

333

00:16:37,990 --> 00:16:33,440

you know

334

00:16:40,389 --> 00:16:38,000

the uh

335

00:16:42,310 --> 00:16:40,399

our children in in

336

00:16:44,870 --> 00:16:42,320

around the world is something that's

337

00:16:47,829 --> 00:16:44,880

very very important and very critical

338

00:16:50,310 --> 00:16:47,839

to uh you know to our economies it's uh

339

00:16:52,069 --> 00:16:50,320

you know what it's a foundation that you

340

00:16:54,710 --> 00:16:52,079

know we need to build upon and improve

341

00:16:57,509 --> 00:16:54,720

upon if we're going to sustain you know

342

00:17:01,509 --> 00:16:57,519

economic prosperity for the long term so

343

00:17:06,390 --> 00:17:04,309

scott mccall is very unusual to conduct

344

00:17:08,069 --> 00:17:06,400

an interview

345

00:17:09,350 --> 00:17:08,079

with a couple of men in space but it's