



1  
00:00:10,640 --> 00:00:03,080  
station this is Houston are you ready

2  
00:00:12,410 --> 00:00:10,650  
for the event ready for the event young

3  
00:00:14,959 --> 00:00:12,420  
astronauts club this is Mission Control

4  
00:00:22,130 --> 00:00:14,969  
Houston please call station for a voice

5  
00:00:28,550 --> 00:00:22,140  
chat potential this is a younger son

6  
00:00:38,780 --> 00:00:28,560  
oats grub how do you hear me loud and

7  
00:00:41,119 --> 00:00:38,790  
clear I hosted on combo ah mr. hasidic

8  
00:00:44,479 --> 00:00:41,129  
good evening young fellow boo boo boo

9  
00:00:58,230 --> 00:00:44,489  
I'm casada of yak thank you very much

10  
00:01:01,950 --> 00:01:00,660  
I sorry there was a start so good told

11  
00:01:05,190 --> 00:01:01,960  
you all of me luck now we would like

12  
00:01:08,190 --> 00:01:05,200  
this that questions starting from Tokyo

13  
00:01:14,190 --> 00:01:08,200

what is uncle all the guys mob so I

14

00:01:17,580 --> 00:01:14,200

Cavani please and Yamato a Cabana juju

15

00:01:21,420 --> 00:01:17,590

Thomas before i read a book about space

16

00:01:26,840 --> 00:01:21,430

fun what kind of vegetable do you want

17

00:01:30,180 --> 00:01:26,850

to eat for your staying on ISS insane

18

00:01:33,420 --> 00:01:30,190

Dorian dr. Coto de ano ven que esta mas

19

00:01:36,690 --> 00:01:33,430

name email which was stationed there I

20

00:01:42,150 --> 00:01:36,700

know you were studying about the big

21

00:01:45,359 --> 00:01:42,160

thumb no in ISS actually killed a man

22

00:01:49,260 --> 00:01:45,369

son in hundreds kinds of food the

23

00:01:51,930 --> 00:01:49,270

available on ISS however unfortunately

24

00:01:55,260 --> 00:01:51,940

fish vegetables are not available to

25

00:01:58,290 --> 00:01:55,270

work very rarely actually we can eat

26

00:02:01,710 --> 00:01:58,300

fish visible when a supply ship rights

27

00:02:05,460 --> 00:02:01,720

to mother the base stations right after

28

00:02:07,440 --> 00:02:05,470

the arrival a few things that we can eat

29

00:02:10,230 --> 00:02:07,450

vegetables other than that we can't

30

00:02:14,820 --> 00:02:10,240

really eat possible best vegetable but

31

00:02:18,420 --> 00:02:14,830

we do go some a week for KY vatta daikon

32

00:02:21,840 --> 00:02:18,430

sprouts so any fish vegetables would be

33

00:02:29,160 --> 00:02:21,850

very nice to eat in on space in space

34

00:02:34,950 --> 00:02:29,170

are your toes thank you very much ojala

35

00:02:37,680 --> 00:02:34,960

boil this I'm curio gamma i is this like

36

00:02:41,280 --> 00:02:37,690

this agege what is the amount of

37

00:02:48,450 --> 00:02:41,290

electricity consumed for 20 hours on the

38

00:02:51,970 --> 00:02:48,460

ISS hi im sue anderson Emma Cooney to

39

00:02:56,000 --> 00:02:51,980

station oh that's the very good question

40

00:02:59,330 --> 00:02:56,010

biog can hear space station we conduct

41

00:03:02,600 --> 00:02:59,340

various experiments or so depending upon

42

00:03:05,660 --> 00:03:02,610

what kind of experiment equipment we

43

00:03:09,170 --> 00:03:05,670

used the amount of electricity used may

44

00:03:12,080 --> 00:03:09,180

different but about 50 kilowatts of

45

00:03:16,309 --> 00:03:12,090

electricity they use a day thank you

46

00:03:20,089 --> 00:03:16,319

very much could I do this little I'm

47

00:03:21,559 --> 00:03:20,099

Judy cut could I what is something that

48

00:03:23,600 --> 00:03:21,569

you feel is the most difficult or

49

00:03:26,059 --> 00:03:23,610

toughest in your long-duration stay on

50

00:03:28,039 --> 00:03:26,069

board the ISS George dies aged ichiban

51  
00:03:31,130 --> 00:03:28,049  
tomorrow football so the snare not gonna

52  
00:03:33,289 --> 00:03:31,140  
come Scotchies well I'm biggest

53  
00:03:35,809 --> 00:03:33,299  
difficulty biochimie during

54  
00:03:39,350 --> 00:03:35,819  
long-duration stay that's a difficult

55  
00:03:41,089 --> 00:03:39,360  
question to answer well well when you

56  
00:03:45,080 --> 00:03:41,099  
are in space there are many things that

57  
00:03:50,300 --> 00:03:45,090  
are not available for example here we

58  
00:03:53,839 --> 00:03:50,310  
are on board six crews we just cannot

59  
00:03:57,830 --> 00:03:53,849  
meet a family of vent off while we are

60  
00:04:01,250 --> 00:03:57,840  
here and also as we are always in a

61  
00:04:03,920 --> 00:04:01,260  
space that's you have the owner there

62  
00:04:06,770 --> 00:04:03,930  
are no lady around Rose animal we can

63  
00:04:11,270 --> 00:04:06,780

see me going on the earth from space

64

00:04:14,900 --> 00:04:11,280

station but we cannot feel the wind we

65

00:04:17,449 --> 00:04:14,910

can smell the green the other was a

66

00:04:19,849 --> 00:04:17,459

rooster thank you very much it is me /

67

00:04:22,909 --> 00:04:19,859

god particle now we would like to take

68

00:04:27,770 --> 00:04:22,919

questions from Sakai osaka starting from

69

00:04:31,670 --> 00:04:27,780

me re бага me here i am.here i evil

70

00:04:34,100 --> 00:04:31,680

agami of us akiyama junior high the

71

00:04:36,680 --> 00:04:34,110

rhythm of human life on it he is

72

00:04:38,570 --> 00:04:36,690

determined by motion of the Sun other

73

00:04:40,850 --> 00:04:38,580

than cloak other any factors which

74

00:04:43,219 --> 00:04:40,860

determines the vision of life and space

75

00:04:47,659 --> 00:04:43,229

station you toward me let's get much

76

00:04:50,659 --> 00:04:47,669

done air oh no oh that's a very good

77

00:04:52,580 --> 00:04:50,669

point hey focus you just as much give

78

00:04:56,540 --> 00:04:52,590

him a nice to understand that you

79

00:04:58,520 --> 00:04:56,550

studied a lot about space judo Chi Guru

80

00:05:02,180 --> 00:04:58,530

Guru Guru Guru and Space Station goes

81

00:05:03,890 --> 00:05:02,190

around Earth in 19 minutes which means

82

00:05:07,090 --> 00:05:03,900

it goes around

83

00:05:11,719 --> 00:05:07,100

16 times a day so we have sunrise sunset

84

00:05:14,090 --> 00:05:11,729

16 times so unlike in case of Earth well

85

00:05:17,510 --> 00:05:14,100

you have one time of sunrise and sunset

86

00:05:19,939 --> 00:05:17,520

today it's very different here which

87

00:05:22,670 --> 00:05:19,949

means that degree has very quick sunrise

88

00:05:25,129 --> 00:05:22,680

and sunset however within the base

89

00:05:29,060 --> 00:05:25,139

station wing that is real life very

90

00:05:31,520 --> 00:05:29,070

normal way and that depends on 54 hours

91

00:05:33,860 --> 00:05:31,530

of talk we're not gonna hit a great day

92

00:05:36,379 --> 00:05:33,870

whoever unfortunately we do not have any

93

00:05:39,320 --> 00:05:36,389

other standards but not one thing that

94

00:05:41,689 --> 00:05:39,330

I've discovered is that my stomach when

95

00:05:44,210 --> 00:05:41,699

you get hungry it's about the time the

96

00:05:46,219 --> 00:05:44,220

lunch and that's how I am feeling at the

97

00:05:51,050 --> 00:05:46,229

moment so it's about lunchtime now in

98

00:05:55,250 --> 00:05:51,060

space station thank you very much oh me

99

00:06:01,310 --> 00:05:55,260

oh gosh yoga the silver coconino circle

100

00:06:04,490 --> 00:06:01,320

I am sucker oh good masa Mexico of yoga

101  
00:06:08,510 --> 00:06:04,500  
journey high school I shall write to me

102  
00:06:12,529 --> 00:06:08,520  
in space to human skin metabolism and

103  
00:06:15,159 --> 00:06:12,539  
aging become faster compared on like

104  
00:06:18,500 --> 00:06:15,169  
bone metabolism or do they become so are

105  
00:06:21,260 --> 00:06:18,510  
as humans can become harder or softer in

106  
00:06:23,140 --> 00:06:21,270  
space than on the earth almost void

107  
00:06:26,240 --> 00:06:23,150  
especially soon the snare haha

108  
00:06:29,480 --> 00:06:26,250  
multi-shot well that is a good question

109  
00:06:33,350 --> 00:06:29,490  
and difficult question metabolism of

110  
00:06:37,100 --> 00:06:33,360  
skin as well I don't know it's about

111  
00:06:40,390 --> 00:06:37,110  
three weeks since I arrived and is it

112  
00:06:43,689 --> 00:06:40,400  
almost one month and it's not so badly

113  
00:06:48,950 --> 00:06:43,699

hardest nappy felt huge orders however

114

00:06:52,370 --> 00:06:48,960

the Kabaka not a Colorado over put the

115

00:06:54,770 --> 00:06:52,380

skin which is usually gets hard to

116

00:06:56,719 --> 00:06:54,780

cookie because you walk back on the

117

00:06:59,810 --> 00:06:56,729

ground however in space you do not want

118

00:07:02,330 --> 00:06:59,820

to die on or rather than when you're

119

00:07:03,810 --> 00:07:02,340

running doing exercise and running

120

00:07:07,740 --> 00:07:03,820

machine you

121

00:07:12,480 --> 00:07:07,750

really have your soul touch on ground no

122

00:07:15,030 --> 00:07:12,490

clothes put on us also think it becomes

123

00:07:19,520 --> 00:07:15,040

softer and another thing which may

124

00:07:24,540 --> 00:07:19,530

interest on the ladies because skin a

125

00:07:28,320 --> 00:07:24,550

wrinkle on the face gets less probably

126

00:07:31,620 --> 00:07:28,330

because our body fluid comes up to our

127

00:07:35,700 --> 00:07:31,630

face thank you very much nanami

128

00:07:38,580 --> 00:07:35,710

generated by mu e na majima of joy high

129

00:07:41,220 --> 00:07:38,590

school do you have stress building up

130

00:07:44,100 --> 00:07:41,230

considerably while living with other

131

00:07:46,520 --> 00:07:44,110

crew mates in our space such as ISS how

132

00:07:49,740 --> 00:07:46,530

did you feel upon your first sight

133

00:07:54,330 --> 00:07:49,750

junagadh a broken english washed emerson

134

00:07:57,450 --> 00:07:54,340

ago Jim well this is fairly Spacey ISS

135

00:08:00,980 --> 00:07:57,460

and six crews are living here so it's

136

00:08:04,980 --> 00:08:00,990

quite the Stasi however in my last night

137

00:08:09,300 --> 00:08:04,990

we arrived to I assess my space shuttle

138

00:08:13,320 --> 00:08:09,310

so until we arrived here there was seven

139

00:08:15,180 --> 00:08:13,330

pues install on my shuttle which is far

140

00:08:17,610 --> 00:08:15,190

smaller than this one but it was not

141

00:08:20,400 --> 00:08:17,620

like this Donell their money on up any

142

00:08:23,490 --> 00:08:20,410

problem at all one thing it was that I

143

00:08:25,680 --> 00:08:23,500

was living this game Dmitry when I was

144

00:08:29,010 --> 00:08:25,690

since I was the journey high school I

145

00:08:30,780 --> 00:08:29,020

was living with 200 naaku mate why you

146

00:08:32,430 --> 00:08:30,790

must give them more but more than that

147

00:08:35,010 --> 00:08:32,440

there's a good nurses because of them

148

00:08:38,130 --> 00:08:35,020

there is a crewmate that I'm staying

149

00:08:40,260 --> 00:08:38,140

here da cunha that's only my colleagues

150

00:08:42,690 --> 00:08:40,270

but there are more like my family

151  
00:08:45,390 --> 00:08:42,700  
because we have stayed so long together

152  
00:08:47,610 --> 00:08:45,400  
training to come up so it's not

153  
00:08:50,730 --> 00:08:47,620  
stressful at all what about living in

154  
00:08:52,740 --> 00:08:50,740  
this confined space thank you very much

155  
00:08:55,740 --> 00:08:52,750  
now we would like to take questions from

156  
00:08:59,910 --> 00:08:55,750  
hiroshima Emma roger goodell are you

157  
00:09:02,610 --> 00:08:59,920  
Gautam Buddha I am hoping to become an

158  
00:09:04,710 --> 00:09:02,620  
astronaut in the future and to succeed

159  
00:09:08,220 --> 00:09:04,720  
the work of mr. Hoshi day another

160  
00:09:10,170 --> 00:09:08,230  
astronaut where would you focus your

161  
00:09:11,910 --> 00:09:10,180  
attention and efforts if you could go

162  
00:09:14,879 --> 00:09:11,920  
back to the first year of junior high

163  
00:09:21,569 --> 00:09:18,119

hi so there's no chill i couldn't get

164

00:09:25,470 --> 00:09:21,579

daniel damn right I Cup well the

165

00:09:29,939 --> 00:09:25,480

pretoria psychopath his high school days

166

00:09:35,220 --> 00:09:29,949

what I would focus well I was swimming

167

00:09:41,039 --> 00:09:35,230

club at the time come on I did work very

168

00:09:43,530 --> 00:09:41,049

hard but maybe I was due more to be

169

00:09:47,909 --> 00:09:43,540

given to be in compete in olympics or

170

00:09:51,780 --> 00:09:47,919

maybe i would like to study more that

171

00:09:54,659 --> 00:09:51,790

said i had jumped together with my fans

172

00:09:58,379 --> 00:09:54,669

and we were as I grew much developed

173

00:10:01,139 --> 00:09:58,389

ourselves together with the offense and

174

00:10:03,359 --> 00:10:01,149

I hope that you would do your best and

175

00:10:08,159 --> 00:10:03,369

be an astronaut and come to space

176

00:10:12,720 --> 00:10:08,169

station in the future thank you not a

177

00:10:15,329 --> 00:10:12,730

emergency I'm jumpy nakayama so no not

178

00:10:19,079 --> 00:10:15,339

that in addition to saving water and

179

00:10:21,210 --> 00:10:19,089

energy on the ISS what kind of efforts

180

00:10:27,359 --> 00:10:21,220

do you make to sustain comfortable life

181

00:10:30,079 --> 00:10:27,369

on board the ISS hi solace name is such

182

00:10:36,090 --> 00:10:30,089

the dinky and how can you add the snare

183

00:10:39,030 --> 00:10:36,100

well we are saving water energy you

184

00:10:42,949 --> 00:10:39,040

don't know so we are living with other

185

00:10:45,780 --> 00:10:42,959

people other crew so we try to be tidy

186

00:10:50,429 --> 00:10:45,790

whatever you say cuts of steak when I

187

00:10:53,009 --> 00:10:50,439

can also wait sabado nomina also another

188

00:10:55,949 --> 00:10:53,019

important factor well we are living here

189

00:11:00,239 --> 00:10:55,959

we eat serious food and we use various

190

00:11:03,419 --> 00:11:00,249

things and we tend to the other wait

191

00:11:05,699 --> 00:11:03,429

it's very important to pick up and was

192

00:11:08,569 --> 00:11:05,709

it their ways and make them compatible

193

00:11:14,249 --> 00:11:08,579

judge and discard them put them in

194

00:11:17,099 --> 00:11:14,259

spacecraft and distrust in reentry so

195

00:11:21,860 --> 00:11:17,109

being tidy and pick up things would be

196

00:11:28,800 --> 00:11:25,380

what's your hot an honor I'm I do not

197

00:11:31,800 --> 00:11:28,810

wish to go is the drinkable water made

198

00:11:35,280 --> 00:11:31,810

from urine delicious in space compared

199

00:11:43,710 --> 00:11:35,290

to tap water or mineral water on the

200

00:11:48,630 --> 00:11:43,720

ground hi no Corral resort skip the

201  
00:11:51,360 --> 00:11:48,640  
moment there as well its water made from

202  
00:11:55,470 --> 00:11:51,370  
urine just tiny which is just the idea

203  
00:11:58,710 --> 00:11:55,480  
of it at first sounded a bit strange but

204  
00:12:01,890 --> 00:11:58,720  
the since I arrived here and tried it

205  
00:12:05,280 --> 00:12:01,900  
the taste is not different at all from

206  
00:12:11,240 --> 00:12:05,290  
the water on the ground if for example

207  
00:12:14,070 --> 00:12:11,250  
tap water maybe you smell some Coliseum

208  
00:12:16,560 --> 00:12:14,080  
local ride I'm just going to say that

209  
00:12:20,280 --> 00:12:16,570  
you don't taste those at all kinds of us

210  
00:12:24,570 --> 00:12:20,290  
muscles they may be the water here maybe

211  
00:12:27,450 --> 00:12:24,580  
closer to pet bottle mineral water thank

212  
00:12:36,160 --> 00:12:27,460  
you very much no going back to Tokyo

213  
00:12:46,180 --> 00:12:42,519

my dad is I'm you Yamagata diode Aquino

214

00:12:50,560 --> 00:12:46,190

de la Vega how can problems with solar

215

00:12:52,780 --> 00:12:50,570

cells be solved fixed do you have any of

216

00:12:56,350 --> 00:12:52,790

those kinds of troubles or digression

217

00:13:02,370 --> 00:12:56,360

the gradation on ISS please let me know

218

00:13:10,780 --> 00:13:06,879

that's a very technical question sure

219

00:13:13,810 --> 00:13:10,790

you studied a lot no more problems with

220

00:13:16,360 --> 00:13:13,820

Seoul ourselves we actually had several

221

00:13:20,019 --> 00:13:16,370

in the past for example while we were

222

00:13:25,389 --> 00:13:20,029

assembling the space station and then we

223

00:13:29,199 --> 00:13:25,399

brought the solar cell saddle which well

224

00:13:32,079 --> 00:13:29,209

hold it when it when they first arrived

225

00:13:34,990 --> 00:13:32,089

and when we tried to extend it deploy it

226

00:13:39,220 --> 00:13:35,000

it didn't work at first so at the time

227

00:13:41,769 --> 00:13:39,230

we had extra legal activity and fix the

228

00:13:44,319 --> 00:13:41,779

problem and another problems we had

229

00:13:47,350 --> 00:13:44,329

possess the solar cells have to be face

230

00:13:50,079 --> 00:13:47,360

to the Sun which means that it has to

231

00:13:52,600 --> 00:13:50,089

rotate according to the movement and to

232

00:13:56,889 --> 00:13:52,610

the Sun over buds but one time that

233

00:13:59,920 --> 00:13:56,899

mechanism did not work well and at the

234

00:14:03,910 --> 00:13:59,930

time goddess tree also had another extra

235

00:14:09,850 --> 00:14:03,920

regular activity to lubricate that part

236

00:14:12,519 --> 00:14:09,860

to make it smooth rotation so in a sense

237

00:14:16,420 --> 00:14:12,529

it usually involves extra vehicular

238

00:14:20,769 --> 00:14:16,430

activity some problems that the solar

239

00:14:24,040 --> 00:14:20,779

cells itself themselves we did not had

240

00:14:29,769 --> 00:14:24,050

in the past but if it happens we have

241

00:14:33,550 --> 00:14:29,779

extra solar cells so we can use them

242

00:14:37,449 --> 00:14:33,560

extra excess power to supply power for

243

00:14:40,940 --> 00:14:37,459

the electricity now miss Tanaka Mina

244

00:14:44,610 --> 00:14:40,950

frantic I Osaka

245

00:14:47,850 --> 00:14:44,620

now commence up today I'm Taku tanaka

246

00:14:50,520 --> 00:14:47,860

mini oh yeah toyota i think that the

247

00:14:53,760 --> 00:14:50,530

electric power shortage in Japan could

248

00:14:57,210 --> 00:14:53,770

be resolved if a large solar patio

249

00:14:59,190 --> 00:14:57,220

factory is to be made in space and it's

250

00:15:01,260 --> 00:14:59,200

produced electricity could be sent to

251

00:15:05,400 --> 00:15:01,270

the earth do you think it could be

252

00:15:06,840 --> 00:15:05,410

achieved yes wonders nano eat all the

253

00:15:13,410 --> 00:15:06,850

idea a lot more emo so that's a very

254

00:15:17,940 --> 00:15:13,420

good question good great idea actually

255

00:15:22,290 --> 00:15:17,950

in Japan and also used in other parts of

256

00:15:25,610 --> 00:15:22,300

the world there are ideas scheduled to

257

00:15:28,950 --> 00:15:25,620

create the solar self a generation

258

00:15:33,270 --> 00:15:28,960

satellite which means that create

259

00:15:35,040 --> 00:15:33,280

generating power in space and send it to

260

00:15:37,920 --> 00:15:35,050

the ground and use that just on the

261

00:15:41,610 --> 00:15:37,930

ground so in that sense the lightest oh

262

00:15:43,830 --> 00:15:41,620

god maybe in the future we will really

263

00:15:45,780 --> 00:15:43,840

have that kind of system which would be

264

00:15:50,360 --> 00:15:45,790

useful for people who are living on

265

00:15:54,570 --> 00:15:50,370

ground thank you very much ofis I'm

266

00:15:58,950 --> 00:15:54,580

Leone has dhaka our yeah how has the

267

00:16:00,900 --> 00:15:58,960

electricity been generated on ISS hi the

268

00:16:06,330 --> 00:16:00,910

snail oh no you don't take any power

269

00:16:09,750 --> 00:16:06,340

Vinci Bubba Watson muscle is this

270

00:16:13,650 --> 00:16:09,760

basically we use the solar cells to

271

00:16:17,130 --> 00:16:13,660

generate an excited electricity so

272

00:16:20,040 --> 00:16:17,140

that's the only source of energy think

273

00:16:22,920 --> 00:16:20,050

you're counting and ISS available for

274

00:16:26,490 --> 00:16:22,930

you in an equipment on I assess uses

275

00:16:29,610 --> 00:16:26,500

electricity made and ourselves also

276

00:16:31,350 --> 00:16:29,620

microphones that time just are using I'm

277

00:16:34,710 --> 00:16:31,360

sure we are using battery for this

278

00:16:39,890 --> 00:16:34,720

suppose also in case of space shuttle

279

00:16:44,310 --> 00:16:39,900

they had pure soul that is mixing liquid

280

00:16:46,530 --> 00:16:44,320

hydrogen and oxygen however in case of

281

00:16:49,950 --> 00:16:46,540

International Space Station solar cells

282

00:16:50,910 --> 00:16:49,960

are the only source of energy thank you

283

00:16:54,600 --> 00:16:50,920

very much

284

00:16:56,519 --> 00:16:54,610

well we have met regime at most of the

285

00:17:01,590 --> 00:16:56,529

president of young astronauts cloth of

286

00:17:03,210 --> 00:17:01,600

Japan the hosted a good evening burger

287

00:17:07,620 --> 00:17:03,220

burger and I have one question that I

288

00:17:11,730 --> 00:17:07,630

had eager to ask so no Cara meet our

289

00:17:14,250 --> 00:17:11,740

host are there any differences in seeing

290

00:17:18,510 --> 00:17:14,260

stars with the naked eye from the ISS

291

00:17:25,610 --> 00:17:18,520

and from on the ground what is because I

292

00:17:27,799 --> 00:17:25,620

hi hi I no tangles up a story muscle

293

00:17:30,900 --> 00:17:27,809

guitar this nest I killed her mother

294

00:17:36,210 --> 00:17:30,910

suka suka day hello i am no long time no

295

00:17:39,270 --> 00:17:36,220

see mr. Matsumoto well I was operating

296

00:17:42,900 --> 00:17:39,280

robotic and there's windows here of

297

00:17:45,570 --> 00:17:42,910

turkey balls National experiment module

298

00:17:49,650 --> 00:17:45,580

and I was looking out as well while I

299

00:17:51,840 --> 00:17:49,660

was operating a costumer robotic arm and

300

00:17:54,810 --> 00:17:51,850

I was actually seeing this to us and the

301  
00:17:56,730 --> 00:17:54,820  
difference between seeing on ISS from

302  
00:17:59,610 --> 00:17:56,740  
the ground is that and not the number of

303  
00:18:02,760 --> 00:17:59,620  
stars but rather on the ground that

304  
00:18:06,930 --> 00:18:02,770  
those does twinkles however I do they do

305  
00:18:09,419 --> 00:18:06,940  
not in space because we aren't are no

306  
00:18:12,330 --> 00:18:09,429  
air here in case of ground you have

307  
00:18:16,230 --> 00:18:12,340  
error you have wind so that makes those

308  
00:18:19,860 --> 00:18:16,240  
twinkle however here we are in vacuum so

309  
00:18:22,860 --> 00:18:19,870  
those nights coming from stars a very

310  
00:18:25,799 --> 00:18:22,870  
stable so no twinkling here that's the

311  
00:18:29,310 --> 00:18:25,809  
biggest difference for burgers well I

312  
00:18:32,760 --> 00:18:29,320  
would like to see them with my own zai

313  
00:18:36,960 --> 00:18:32,770

own eyes as well lastly mr. hashida

314

00:18:39,690 --> 00:18:36,970

would you give up we have many kids as

315

00:18:46,860 --> 00:18:39,700

well Tokyo Osaka and Hiroshima would you

316

00:18:49,980 --> 00:18:46,870

give them message to them so you gone

317

00:18:52,680 --> 00:18:49,990

this year man oh no yeah center station

318

00:18:54,920 --> 00:18:52,690

web I believe it's very late at night in

319

00:18:59,960 --> 00:18:54,930

Japan here

320

00:19:03,770 --> 00:18:59,970

on ISS we are at the South America south

321

00:19:06,290 --> 00:19:03,780

of South America mules are you sure love

322

00:19:10,760 --> 00:19:06,300

it there were many questions that you

323

00:19:14,660 --> 00:19:10,770

asked and I'm really impressed by a very

324

00:19:16,640 --> 00:19:14,670

well thought question I hope that you

325

00:19:20,390 --> 00:19:16,650

will continue to take an interest in

326

00:19:26,480 --> 00:19:20,400

various things and explore them study

327

00:19:30,020 --> 00:19:26,490

them and be friendly with your pens and

328

00:19:34,880 --> 00:19:30,030

continue working to realize your dreams

329

00:19:37,790 --> 00:19:34,890

and I will be supporting your effort

330

00:19:40,430 --> 00:19:37,800

from here ISS thank you very much let's

331

00:19:46,460 --> 00:19:40,440

say thank you to host mr. Hoshi day

332

00:19:49,270 --> 00:19:46,470

thank you very much hi don't worry about

333

00:19:52,940 --> 00:19:49,280

the relay must our motto is smash all

334

00:19:59,570 --> 00:19:52,950

thank you very much i hope to see you

335

00:20:03,410 --> 00:19:59,580

again station this is Houston ACR thank

336

00:20:05,990 --> 00:20:03,420

you that concludes the event arigato