



1
00:00:05,480 --> 00:00:02,600
BBC World News this is Houston please

2
00:00:08,750 --> 00:00:05,490
call station for a voice check we have

3
00:00:11,600 --> 00:00:08,760
established contact with paolo nespoli

4
00:00:17,450 --> 00:00:11,610
alpha this is BBC News in London how do

5
00:00:21,620 --> 00:00:17,460
you hear me live via BBC news is this

6
00:00:26,150 --> 00:00:21,630
station over here loud and clear hearing

7
00:00:29,480 --> 00:00:26,160
us now or I'm thank you i am now handing

8
00:00:36,319 --> 00:00:29,490
you over to BBC anchor Tim Wilcox please

9
00:00:38,420 --> 00:00:36,329
go ahead you're watching BBC News we are

10
00:00:40,869 --> 00:00:38,430
live everybody and the International

11
00:00:44,110 --> 00:00:40,879
Space Station with the Italian astronaut

12
00:00:50,330 --> 00:00:44,120
paolo nespoli he'd been up there a month

13
00:00:53,240 --> 00:00:50,340

hello paolo can you hear us with your

14

00:00:55,880 --> 00:00:53,250

loud and clear welcome on board of the

15

00:01:02,090 --> 00:00:55,890

Columbus European Columbus laboratory on

16

00:01:03,920 --> 00:01:02,100

the International Space Station follow

17

00:01:05,719 --> 00:01:03,930

this quite a big delay i'm afraid i

18

00:01:07,910 --> 00:01:05,729

think some seven or eight seconds but

19

00:01:14,390 --> 00:01:07,920

how are you feeling you've been up there

20

00:01:18,560 --> 00:01:14,400

a month very good very good that the

21

00:01:21,859 --> 00:01:18,570

launch was very nice everything went

22

00:01:24,140 --> 00:01:21,869

pretty good two days on there's a small

23

00:01:26,960 --> 00:01:24,150

vehicle which is the Ross the Russian

24

00:01:28,880 --> 00:01:26,970

Soyuz spacecraft but then we got to the

25

00:01:31,370 --> 00:01:28,890

station and here we are in our home in

26

00:01:38,690 --> 00:01:31,380

our laboratory and it's very nice to be

27

00:01:40,999 --> 00:01:38,700

here that the small vehicle stories

28

00:01:43,520 --> 00:01:41,009

because I think you're 6 foot 6 or 6

29

00:01:45,260 --> 00:01:43,530

foot 7 a bit of a tight squeeze for you

30

00:01:54,139 --> 00:01:45,270

to get in there was that uncomfortable

31

00:01:56,690 --> 00:01:54,149

with journey up to m62 but it's even at

32

00:01:58,969 --> 00:01:56,700

six to it it's quite i want to say

33

00:02:02,330 --> 00:01:58,979

uncomfortable did there saw your swords

34

00:02:04,429 --> 00:02:02,340

are made for it smaller people in fact i

35

00:02:06,319 --> 00:02:04,439

had to make a little modification on the

36

00:02:09,279 --> 00:02:06,329

seat to fit me in there but but it's

37

00:02:12,080 --> 00:02:09,289

okay i mean once once you're in space

38

00:02:14,150 --> 00:02:12,090

everything even small spaces

39

00:02:15,680 --> 00:02:14,160

this three-dimensional effect so you can

40

00:02:17,839 --> 00:02:15,690

have people on there on the ceiling

41

00:02:20,900 --> 00:02:17,849

either on the floor either on the walls

42

00:02:23,199 --> 00:02:20,910

so it gets a little bit more comfortable

43

00:02:26,390 --> 00:02:23,209

the important thing though is not

44

00:02:28,850 --> 00:02:26,400

comfort but it's the fact that the

45

00:02:30,470 --> 00:02:28,860

search is a very reliable spacecraft in

46

00:02:33,170 --> 00:02:30,480

all these years has been a proven

47

00:02:34,720 --> 00:02:33,180

spacecraft can take people from her up

48

00:02:41,479 --> 00:02:34,730

in space and back to earth without

49

00:02:44,360 --> 00:02:41,489

problems okay parlor because of the

50

00:02:47,180 --> 00:02:44,370

delay on the line I've got a lot of

51
00:02:48,800 --> 00:02:47,190
viewers questions to put to you but

52
00:02:51,080 --> 00:02:48,810
first of all perhaps you would just

53
00:02:52,940 --> 00:02:51,090
explain what you're doing in terms of

54
00:02:55,400 --> 00:02:52,950
experiments up don't just give us a give

55
00:03:00,280 --> 00:02:55,410
us a little tour around the laboratory

56
00:03:05,930 --> 00:03:03,890
s so this is one of the three major

57
00:03:07,339 --> 00:03:05,940
laboratories that there are on board of

58
00:03:09,680 --> 00:03:07,349
the International Space Station there is

59
00:03:11,990 --> 00:03:09,690
a u.s. laboratory japanese laboratory in

60
00:03:13,850 --> 00:03:12,000
a European laboratory this laboratory

61
00:03:16,970 --> 00:03:13,860
are interested because they are modular

62
00:03:19,970 --> 00:03:16,980
each one of these of this structure

63
00:03:23,210 --> 00:03:19,980

they're called rags and and can

64

00:03:25,569 --> 00:03:23,220

accommodate a full facility to carry out

65

00:03:28,490 --> 00:03:25,579

an experiment in certain discipline or

66

00:03:30,410 --> 00:03:28,500

drawers they have a single experiment

67

00:03:32,539 --> 00:03:30,420

and at the interesting part is that

68

00:03:35,449 --> 00:03:32,549

these regs are modular they can be

69

00:03:37,940 --> 00:03:35,459

positioned anywhere on the floor on the

70

00:03:41,360 --> 00:03:37,950

ceiling I can easily go on the ceiling

71

00:03:43,789 --> 00:03:41,370

and work here how I would not be able to

72

00:03:45,949 --> 00:03:43,799

do in space I mean on the ground and

73

00:03:48,740 --> 00:03:45,959

while i'm here on the ceiling somebody

74

00:03:50,659 --> 00:03:48,750

else can be working here on the side so

75

00:03:53,470 --> 00:03:50,669

it's very interesting because you get

76

00:03:55,520 --> 00:03:53,480

this multiplication effect we have

77

00:03:56,960 --> 00:03:55,530

facilities and by the way watching what

78

00:04:00,440 --> 00:03:56,970

you get lost to some trying to figure

79

00:04:04,370 --> 00:04:00,450

out where this varies the camera now we

80

00:04:07,430 --> 00:04:04,380

have facility that do can have us doing

81

00:04:11,659 --> 00:04:07,440

experiment on LiveScience material

82

00:04:14,449 --> 00:04:11,669

science physiology I mean we have we can

83

00:04:21,069 --> 00:04:14,459

do almost everything that any scientist

84

00:04:25,990 --> 00:04:23,350

and presumably this is one of the

85

00:04:28,719 --> 00:04:26,000

reasons ether and you as an astronaut

86

00:04:31,420 --> 00:04:28,729

would say it's essential to keep funding

87

00:04:34,300 --> 00:04:31,430

a space exploration like this because of

88

00:04:36,459 --> 00:04:34,310

the value of experiments that can be

89

00:04:43,899 --> 00:04:36,469

carried out and have impact back on

90

00:04:46,059 --> 00:04:43,909

earth Allah yes the the fact that we go

91

00:04:48,520 --> 00:04:46,069

here in space and the main reason is

92

00:04:50,499 --> 00:04:48,530

because here we found we find an

93

00:04:54,550 --> 00:04:50,509

environment that we don't have on earth

94

00:04:57,430 --> 00:04:54,560

and then what what what you cannot do on

95

00:05:00,010 --> 00:04:57,440

earth you can do easily here you know

96

00:05:02,469 --> 00:05:00,020

went once you remove gravity from the

97

00:05:05,110 --> 00:05:02,479

equation things behave in a really

98

00:05:07,360 --> 00:05:05,120

different way up here in space and so

99

00:05:17,890 --> 00:05:07,370

you can you can do things that are that

100

00:05:20,140 --> 00:05:17,900

are really different so as attend talk

101
00:05:22,899 --> 00:05:20,150
for example water flows around a lot of

102
00:05:24,999 --> 00:05:22,909
things to happen here and taking away

103
00:05:26,800 --> 00:05:25,009
gravity you can you end up being able to

104
00:05:34,059 --> 00:05:26,810
do a lot of a lot of things that honor

105
00:05:40,420 --> 00:05:34,069
that simply impossible how does that

106
00:05:49,830 --> 00:05:46,690
sorry say it again how does that make

107
00:05:56,890 --> 00:05:49,840
things like showering or just normal

108
00:06:00,820 --> 00:05:56,900
bathroom activities how interesting it's

109
00:06:02,800 --> 00:06:00,830
interesting because you know I III think

110
00:06:04,720 --> 00:06:02,810
I have a lot of fun coming up here

111
00:06:07,120 --> 00:06:04,730
because it's like being a kid and I was

112
00:06:09,400 --> 00:06:07,130
rediscovering everything you try to do

113
00:06:11,230 --> 00:06:09,410

things the way you are you are you're

114

00:06:13,450 --> 00:06:11,240

normally do and they don't work you

115

00:06:15,400 --> 00:06:13,460

simply find yourself very frustrated and

116

00:06:17,620 --> 00:06:15,410

and so you need to learn everything from

117

00:06:19,900 --> 00:06:17,630

scratch that like walking on of course

118

00:06:23,350 --> 00:06:19,910

you cannot walk here you go around using

119

00:06:26,310 --> 00:06:23,360

your hands and in showering if another

120

00:06:29,290 --> 00:06:26,320

thing we actually cannot shower because

121

00:06:32,260 --> 00:06:29,300

water will go all over the place so what

122

00:06:35,320 --> 00:06:32,270

we usually do we take it's ours put some

123

00:06:39,100 --> 00:06:35,330

water with some soap then use it in this

124

00:06:41,380 --> 00:06:39,110

way we have a special shampoo that we

125

00:06:44,230 --> 00:06:41,390

can put in our hair and they dry in that

126
00:06:46,390 --> 00:06:44,240
way we brush our keys and the dream of

127
00:06:49,930 --> 00:06:46,400
every kid we actually swallow everything

128
00:06:56,740 --> 00:06:49,940
so you can do things here and it it's

129
00:06:58,390 --> 00:06:56,750
pretty good i would say let's go to some

130
00:07:00,730 --> 00:06:58,400
of the questions from our viewers all

131
00:07:02,730 --> 00:07:00,740
over the world see the magraph from

132
00:07:05,380 --> 00:07:02,740
Manchester Vermont in the United States

133
00:07:07,480 --> 00:07:05,390
he wants to know what it's like sleeping

134
00:07:13,660 --> 00:07:07,490
in space because presumably you need to

135
00:07:15,880 --> 00:07:13,670
be strapped in don't you actually it's

136
00:07:19,030 --> 00:07:15,890
very interesting because it forward

137
00:07:20,680 --> 00:07:19,040
before that if I would let myself go

138
00:07:23,650 --> 00:07:20,690

like this I would just just fall asleep

139

00:07:25,270 --> 00:07:23,660

and it would be okay I mean the only

140

00:07:27,490 --> 00:07:25,280

problem is that there is always air

141

00:07:29,440 --> 00:07:27,500

circulation and this modules because the

142

00:07:32,170 --> 00:07:29,450

air would not secure it by itself so

143

00:07:35,110 --> 00:07:32,180

there is a force circulation has to be

144

00:07:38,140 --> 00:07:35,120

clean and continuously replenished with

145

00:07:41,230 --> 00:07:38,150

the oxygen so this this forced

146

00:07:42,220 --> 00:07:41,240

ventilation drives you in a certain way

147

00:07:44,200 --> 00:07:42,230

and if you don't pay attention

148

00:07:47,020 --> 00:07:44,210

eventually you end up with your head

149

00:07:50,560 --> 00:07:47,030

stuck in one of the or the grills where

150

00:07:52,810 --> 00:07:50,570

the air is sucked in so what do we do a

151
00:07:54,010 --> 00:07:52,820
night we have a crew quarters which is a

152
00:07:59,260 --> 00:07:54,020
little

153
00:08:02,559 --> 00:07:59,270
can go in and inside there there is a

154
00:08:05,439 --> 00:08:02,569
sleeping bag where we actually go in and

155
00:08:09,730 --> 00:08:05,449
it's just very containment mine it just

156
00:08:12,730 --> 00:08:09,740
fixed at the bottom by the feet and then

157
00:08:14,290 --> 00:08:12,740
I'm floating around so I I find myself a

158
00:08:16,330 --> 00:08:14,300
wake up in the morning and I'm and all

159
00:08:23,129 --> 00:08:16,340
sorts of weird position but I have to

160
00:08:28,540 --> 00:08:25,990
I'll take your word for it this bill

161
00:08:30,850 --> 00:08:28,550
russell from London says how does your

162
00:08:33,399 --> 00:08:30,860
body clock adapt to orbiting the earth

163
00:08:35,920 --> 00:08:33,409

so rapidly do you suffer from space lag

164

00:08:38,350 --> 00:08:35,930

does this disrupt your sleeping and

165

00:08:40,360 --> 00:08:38,360

other functions as well and one question

166

00:08:46,139 --> 00:08:40,370

that struck up what time is it out there

167

00:08:52,720 --> 00:08:48,490

this is an interesting question coming

168

00:08:55,420 --> 00:08:52,730

from UK because we actually use gmt time

169

00:08:59,170 --> 00:08:55,430

so the current time now it's one

170

00:09:02,650 --> 00:08:59,180

actually to 19 and this is the time we

171

00:09:04,930 --> 00:09:02,660

use we as we are a little bit shifted

172

00:09:06,579 --> 00:09:04,940

towards the moscow time so we do things

173

00:09:08,319 --> 00:09:06,589

a little bit earlier than we would be

174

00:09:10,650 --> 00:09:08,329

doing them if it would be in London but

175

00:09:13,360 --> 00:09:10,660

the time is actually the London time and

176

00:09:17,230 --> 00:09:13,370

it's true we are rotating around Earth

177

00:09:20,530 --> 00:09:17,240

so fast that every every 40 minutes we

178

00:09:23,290 --> 00:09:20,540

have a sunrise of the sunset so like 16

179

00:09:24,910 --> 00:09:23,300

sunrises or sunsets birthday and if you

180

00:09:26,889 --> 00:09:24,920

would be looking outside the window will

181

00:09:29,860 --> 00:09:26,899

get totally confused but we actually

182

00:09:32,199 --> 00:09:29,870

think our clock according to our body

183

00:09:35,230 --> 00:09:32,209

clock according to the working day so we

184

00:09:37,930 --> 00:09:35,240

try to go to bed around 10-11 midnight

185

00:09:40,920 --> 00:09:37,940

wake up around six and then we have the

186

00:09:43,569 --> 00:09:40,930

working day it's still a little bit

187

00:09:45,460 --> 00:09:43,579

strange we're in the middle of the day I

188

00:09:48,400 --> 00:09:45,470

look at the map and by the way will be

189

00:09:51,670 --> 00:09:48,410

over exactly above the London vertical

190

00:09:53,860 --> 00:09:51,680

in 15 minutes I would go I will go there

191

00:09:55,750 --> 00:09:53,870

and look at that is pitch dark at on

192

00:09:58,300 --> 00:09:55,760

earth and it's the middle of the day or

193

00:09:59,910 --> 00:09:58,310

time to go to bed for me and I go take a

194

00:10:03,550 --> 00:09:59,920

look at the window and it's sunny

195

00:10:05,230 --> 00:10:03,560

somewhere so it's a little bit shocking

196

00:10:10,920 --> 00:10:05,240

at the beginning but the body gets

197

00:10:16,000 --> 00:10:14,050

how are you coping with life with your

198

00:10:19,960 --> 00:10:16,010

fellow astronauts I mean how do you

199

00:10:28,329 --> 00:10:19,970

resolve maybe problems that arise over a

200

00:10:30,070 --> 00:10:28,339

six-month period well we we get up here

201
00:10:31,750 --> 00:10:30,080
as a crew and there are six people on

202
00:10:35,530 --> 00:10:31,760
board of the space station right now and

203
00:10:39,460 --> 00:10:35,540
we know each other very well we have

204
00:10:41,380 --> 00:10:39,470
been training for at least two years if

205
00:10:46,240 --> 00:10:41,390
not more in the case of my fellow

206
00:10:49,750 --> 00:10:46,250
American astronauts and we do have a way

207
00:10:51,790 --> 00:10:49,760
to address the issue that may pop up we

208
00:10:54,130 --> 00:10:51,800
have what is called crew resource

209
00:10:57,130 --> 00:10:54,140
management so we talked with bring

210
00:10:59,860 --> 00:10:57,140
forward things and everything is going

211
00:11:02,530 --> 00:10:59,870
really good so far we had absolutely no

212
00:11:05,410 --> 00:11:02,540
problems everybody knows what are their

213
00:11:07,960 --> 00:11:05,420

roles and we try to establish rules like

214

00:11:12,640 --> 00:11:07,970

you don't pull out something and leave

215

00:11:15,070 --> 00:11:12,650

it there I mean try to clean up after

216

00:11:21,970 --> 00:11:15,080

yourself things like this and so far

217

00:11:23,620 --> 00:11:21,980

absolutely no problem okay another

218

00:11:25,870 --> 00:11:23,630

question just about space and

219

00:11:27,550 --> 00:11:25,880

exploration Christian Reyes from

220

00:11:29,440 --> 00:11:27,560

pittsburgh pennsylvania united states

221

00:11:31,600 --> 00:11:29,450

can you see lots of stars from the space

222

00:11:38,800 --> 00:11:31,610

station or does the light reflected from

223

00:11:40,210 --> 00:11:38,810

the earth lock them out that's an

224

00:11:42,550 --> 00:11:40,220

interesting question coming from

225

00:11:46,600 --> 00:11:42,560

Christian there actually yes we can see

226

00:11:48,730 --> 00:11:46,610

the stars and at the interesting thing

227

00:11:51,550 --> 00:11:48,740

though is that our cupola which is our

228

00:11:53,380 --> 00:11:51,560

our view down on earth it's

229

00:11:55,780 --> 00:11:53,390

perpendicular he usually is

230

00:11:57,819 --> 00:11:55,790

perpendicular down to earth so we always

231

00:12:01,120 --> 00:11:57,829

see the earth with parts of the sky

232

00:12:05,829 --> 00:12:01,130

around and and you can actually see the

233

00:12:08,410 --> 00:12:05,839

stars pretty well at night but but I

234

00:12:12,340 --> 00:12:08,420

would say they're not really more more

235

00:12:13,960 --> 00:12:12,350

visible than then down from Earth Exeter

236

00:12:16,170 --> 00:12:13,970

of course you have to be outside of a

237

00:12:18,650 --> 00:12:16,180

city I mean they're a little bit clearer

238

00:12:21,639 --> 00:12:18,660

you can see all of them

239

00:12:23,840 --> 00:12:21,649

you can see the Milky Way very nicely

240

00:12:25,610 --> 00:12:23,850

but they are not close that people think

241

00:12:27,530 --> 00:12:25,620

that we are close to them we see better

242

00:12:29,030 --> 00:12:27,540

they are actually at the same distance

243

00:12:36,079 --> 00:12:29,040

as they Eiffel we're through well on

244

00:12:37,999 --> 00:12:36,089

earth what about weather systems la

245

00:12:41,840 --> 00:12:38,009

nia the terrible flooding that we've

246

00:12:44,240 --> 00:12:41,850

seen not only in Australia Brazil how

247

00:12:49,939 --> 00:12:44,250

evidence is that from where you are in

248

00:12:52,040 --> 00:12:49,949

terms of cloud formation actually this

249

00:12:53,449 --> 00:12:52,050

is an interesting to me because the

250

00:12:55,340 --> 00:12:53,459

first time I came in space and I look

251
00:12:57,769 --> 00:12:55,350
outside the window I figured out that

252
00:13:01,610 --> 00:12:57,779
there are a lot of clouds over earth i

253
00:13:04,100 --> 00:13:01,620
mean i would i would guess that sixty

254
00:13:07,490 --> 00:13:04,110
seventy percent of the earth's surface

255
00:13:11,090 --> 00:13:07,500
is covered by clouds and and so it looks

256
00:13:13,519 --> 00:13:11,100
very i mean this this clear skies that

257
00:13:15,740 --> 00:13:13,529
we see from from Earth sometimes for

258
00:13:19,519 --> 00:13:15,750
days here do not exist because there is

259
00:13:22,759 --> 00:13:19,529
always a cloud there and and so it looks

260
00:13:25,550 --> 00:13:22,769
that this atmospheric phenomena are

261
00:13:28,249 --> 00:13:25,560
always there and and it's very difficult

262
00:13:30,920 --> 00:13:28,259
to actually see down and at least for me

263
00:13:33,410 --> 00:13:30,930

I get the train I maybe can do that but

264

00:13:35,809 --> 00:13:33,420

for me I looking down like you I cannot

265

00:13:39,319 --> 00:13:35,819

figure out there is anything specific

266

00:13:42,920 --> 00:13:39,329

different in any location we are still

267

00:13:45,439 --> 00:13:42,930

trying to use our lenses to focus down

268

00:13:47,780 --> 00:13:45,449

in the air and Australia and Brazil and

269

00:13:49,939 --> 00:13:47,790

even in Europe with a lot of snow we are

270

00:13:52,249 --> 00:13:49,949

trying to see if we can pinpoint some of

271

00:14:00,019 --> 00:13:52,259

this places but so far I I personally

272

00:14:03,079 --> 00:14:00,029

had no luck ok we have Pete chu from

273

00:14:06,230 --> 00:14:03,089

Kuala Lumpur in Malaysia my question is

274

00:14:09,110 --> 00:14:06,240

as one of the few chosen who's made it

275

00:14:12,230 --> 00:14:09,120

outside the Earth's atmosphere what is

276

00:14:13,910 --> 00:14:12,240

the the moral and emotional pull that

277

00:14:15,379 --> 00:14:13,920

may come to you as you look back to the

278

00:14:21,570 --> 00:14:15,389

earth through the windows of the

279

00:14:28,200 --> 00:14:26,250

well a couple of couple of things first

280

00:14:30,720 --> 00:14:28,210

of all it it's amazing here from Earth

281

00:14:33,750 --> 00:14:30,730

that you really don't see any boundary

282

00:14:36,180 --> 00:14:33,760

anything I mean it's earth and and and

283

00:14:39,410 --> 00:14:36,190

it shows that we are all together in

284

00:14:42,870 --> 00:14:39,420

this as an the earth is our home our

285

00:14:45,120 --> 00:14:42,880

environment so we really need to start

286

00:14:47,100 --> 00:14:45,130

thinking in terms of humanity all

287

00:14:50,760 --> 00:14:47,110

together instead of a little countries

288

00:14:52,590 --> 00:14:50,770

kind of fighting each other and by the

289

00:14:54,750 --> 00:14:52,600

way we are all close together all this

290

00:14:58,590 --> 00:14:54,760

thing from up here and the other thing

291

00:15:00,810 --> 00:14:58,600

is that I always especially do in sunset

292

00:15:03,900 --> 00:15:00,820

or sunrise I see the atmosphere being

293

00:15:05,660 --> 00:15:03,910

illuminated by the Sun and I you can see

294

00:15:09,810 --> 00:15:05,670

I can see how the atmosphere is so thin

295

00:15:12,390 --> 00:15:09,820

respect to the earth and and it gives me

296

00:15:14,250 --> 00:15:12,400

an impression of agility and I'm

297

00:15:16,350 --> 00:15:14,260

thinking that we really need to pay

298

00:15:18,450 --> 00:15:16,360

attention and be careful of what we are

299

00:15:21,090 --> 00:15:18,460

doing because because the earth is

300

00:15:27,690 --> 00:15:21,100

fragile it's beautiful but fragile and

301

00:15:30,300 --> 00:15:27,700

we need to be careful there one last

302

00:15:33,450 --> 00:15:30,310

question afraid Paulo this is from Buzz

303

00:15:35,430 --> 00:15:33,460

purdy it's a bit more prosaic there's

304

00:15:38,460 --> 00:15:35,440

not much talk about what the atmosphere

305

00:15:41,250 --> 00:15:38,470

and smells alike in space without

306

00:15:43,020 --> 00:15:41,260

gravity particles may settle in

307

00:15:45,540 --> 00:15:43,030

out-of-the-way places and think how

308

00:15:48,450 --> 00:15:45,550

important is hygiene and just as a rider

309

00:15:51,630 --> 00:15:48,460

to that in terms of via the water

310

00:15:53,160 --> 00:15:51,640

recycling system is that quite tricky

311

00:15:59,780 --> 00:15:53,170

when you're facing a cup of coffee in

312

00:16:08,070 --> 00:16:05,910

all great questions so then I'm very

313

00:16:10,620 --> 00:16:08,080

very surprised but the atmosphere here

314

00:16:12,240 --> 00:16:10,630

it's very good I would even say better

315

00:16:15,120 --> 00:16:12,250

than a regular house I mean because

316

00:16:16,320 --> 00:16:15,130

normally in the house once in a while

317

00:16:18,570 --> 00:16:16,330

you need to open the window and

318

00:16:20,460 --> 00:16:18,580

exchanged year of obviously here we

319

00:16:23,190 --> 00:16:20,470

cannot open the window and exchange air

320

00:16:26,250 --> 00:16:23,200

but the life-support system is doing

321

00:16:28,820 --> 00:16:26,260

this for us so we continuously have open

322

00:16:31,650 --> 00:16:28,830

windows that suck in the air clean it

323

00:16:33,660 --> 00:16:31,660

replenish it with oxygen and spewed out

324

00:16:36,720 --> 00:16:33,670

again and I

325

00:16:40,080 --> 00:16:36,730

to really never smell anything nor have

326

00:16:43,230 --> 00:16:40,090

any problem here it's very good if there

327

00:16:45,720 --> 00:16:43,240

is a little bit of of something is just

328

00:16:50,160 --> 00:16:45,730

because of the fluids come up and make

329

00:16:52,770 --> 00:16:50,170

your head a little bit full and for what

330

00:16:56,100 --> 00:16:52,780

consists be a recycling of water I

331

00:16:58,590 --> 00:16:56,110

always tell people on earth that is they

332

00:17:01,620 --> 00:16:58,600

think they're drinking brand new water

333

00:17:03,960 --> 00:17:01,630

they are dreaming it's also so that one

334

00:17:05,730 --> 00:17:03,970

is recycled I mean it's not that we have

335

00:17:08,640 --> 00:17:05,740

no water we use it and every throw it

336

00:17:12,060 --> 00:17:08,650

away the water that we throw out of the

337

00:17:14,850 --> 00:17:12,070

tap go somewhere it gets clean and comes

338

00:17:17,940 --> 00:17:14,860

back again so maybe in a lower

339

00:17:21,110 --> 00:17:17,950

percentage but we all use recycled water

340

00:17:24,660 --> 00:17:21,120

I have to say that the water here is

341

00:17:26,040 --> 00:17:24,670

controlled every every day there are

342

00:17:27,510 --> 00:17:26,050

instrumentation is there are

343

00:17:30,620 --> 00:17:27,520

instrumentation that really make sure

344

00:17:34,860 --> 00:17:30,630

that it's clear free of contaminants and

345

00:17:37,380 --> 00:17:34,870

and actually I'm afraid that I'm

346

00:17:44,760 --> 00:17:37,390

drinking much better water up here than

347

00:17:46,530 --> 00:17:44,770

what I was drinking back at home well

348

00:17:48,360 --> 00:17:46,540

Paolo Paolo Nespoli it has been

349

00:17:50,970 --> 00:17:48,370

fascinating speaking to you thank you

350

00:17:56,310 --> 00:17:50,980

very much indeed paolo nespoli on the

351

00:17:58,140 --> 00:17:56,320

international space station do you think

352

00:18:00,990 --> 00:17:58,150

it's a pleasure to have you up here on

353

00:18:02,910 --> 00:18:01,000

both of the station we will come back

354

00:18:06,080 --> 00:18:02,920

again we will let you look outside the

355

00:18:09,120 --> 00:18:06,090

window enjoy this magnificent view and

356

00:18:11,610 --> 00:18:09,130

I'm looking forward for in the future

357

00:18:20,060 --> 00:18:11,620

everybody to be able to come up here

358

00:18:27,630 --> 00:18:23,040

station this is Houston ACR thank you

359

00:18:30,000 --> 00:18:27,640

that concludes the event Thank You BBC

360

00:18:32,150 --> 00:18:30,010

world news station yesterday I thank you