



PORT

STBD

D2

1
00:00:06,070 --> 00:00:01,910
station this is houston are you ready

2
00:00:06,080 --> 00:00:10,549
houston station is ready for the event

3
00:00:14,629 --> 00:00:12,629
nbc nightly news this is mission control

4
00:00:17,830 --> 00:00:14,639
houston please call station for a voice

5
00:00:22,150 --> 00:00:20,710
stand by i've always wanted to say this

6
00:00:24,470 --> 00:00:22,160
international space station this is

7
00:00:28,230 --> 00:00:24,480
brian williams at nbc news in new york

8
00:00:28,240 --> 00:00:33,590
hello brian we hear you loud and clear

9
00:00:38,709 --> 00:00:36,069
nice to have you and i guess we'll uh uh

10
00:00:44,229 --> 00:00:38,719
get underway uh first off what's it like

11
00:00:50,709 --> 00:00:46,470
uh we have yet to see sandra bullock up

12
00:00:55,189 --> 00:00:52,549
oh yeah well that's what i hear from so

13
00:00:57,590 --> 00:00:55,199

many astronauts who uh enjoyed the movie

14

00:00:59,430 --> 00:00:57,600

well we'll get serious first uh it is

15

00:01:02,470 --> 00:00:59,440

true that gravity was

16

00:01:04,869 --> 00:01:02,480

probably the best uh geographic lesson

17

00:01:06,630 --> 00:01:04,879

in the confines of the iss that a lot of

18

00:01:08,710 --> 00:01:06,640

americans have had

19

00:01:10,789 --> 00:01:08,720

since the inception of the iss but

20

00:01:12,469 --> 00:01:10,799

recently you were in the news of a few

21

00:01:14,230 --> 00:01:12,479

people here on earth had some fun with

22

00:01:16,870 --> 00:01:14,240

you with the snorkel and the helmet and

23

00:01:18,710 --> 00:01:16,880

the absorbent pads to keep from drowning

24

00:01:21,190 --> 00:01:18,720

but you had you had a couple of space

25

00:01:23,429 --> 00:01:21,200

walks to fix a problem nasa loves

26

00:01:25,350 --> 00:01:23,439

redundancies there was a redundancy for

27

00:01:27,190 --> 00:01:25,360

the pump that broke but still it

28

00:01:29,270 --> 00:01:27,200

required you to go out and do some

29

00:01:30,950 --> 00:01:29,280

repair work the two of you talk us

30

00:01:36,310 --> 00:01:30,960

through that in lay terms what it

31

00:01:39,990 --> 00:01:37,749

yeah i'll give you a big picture

32

00:01:41,670 --> 00:01:40,000

basically we have two cooling systems up

33

00:01:43,910 --> 00:01:41,680

here that cool basically half the

34

00:01:47,030 --> 00:01:43,920

equipment these cooling systems are

35

00:01:49,109 --> 00:01:47,040

external they cool the internal systems

36

00:01:50,950 --> 00:01:49,119

and one of the uh pump modules had a

37

00:01:53,109 --> 00:01:50,960

problem basically a valve wasn't working

38

00:01:55,190 --> 00:01:53,119

properly so we lost half our cooling

39

00:01:57,109 --> 00:01:55,200

very simply we had to go outside and

40

00:01:59,510 --> 00:01:57,119

replace the pump module unit it's a big

41

00:02:02,469 --> 00:01:59,520

800 pound unit and that required a

42

00:02:03,910 --> 00:02:02,479

series of evas or space walks so the

43

00:02:05,830 --> 00:02:03,920

ground team got together this is

44

00:02:08,309 --> 00:02:05,840

something we practice on a regular basis

45

00:02:10,150 --> 00:02:08,319

in the large swimming pool in houston

46

00:02:11,670 --> 00:02:10,160

the ground folks got together sent us up

47

00:02:14,630 --> 00:02:11,680

some procedures

48

00:02:18,229 --> 00:02:14,640

and uh the first spacewalk a couple of

49

00:02:20,070 --> 00:02:18,239

weeks ago we removed the old pump module

50

00:02:21,990 --> 00:02:20,080

and then in the second spacewalk we

51
00:02:24,150 --> 00:02:22,000
installed the new pump module space

52
00:02:26,070 --> 00:02:24,160
station's back up everything is running

53
00:02:29,430 --> 00:02:26,080
perfectly we're back to doing science on

54
00:02:35,270 --> 00:02:32,229
and back to life on board the spacecraft

55
00:02:37,910 --> 00:02:35,280
you orbit roughly every 90 minutes you

56
00:02:40,710 --> 00:02:37,920
travel the distance from the earth to

57
00:02:44,070 --> 00:02:40,720
the moon on a daily basis

58
00:02:46,070 --> 00:02:44,080
how cognizant are you at any one time

59
00:02:50,949 --> 00:02:46,080
about where you are

60
00:02:54,470 --> 00:02:52,470
yeah it's very interesting because when

61
00:02:56,229 --> 00:02:54,480
you get busy inside here there's not a

62
00:02:58,390 --> 00:02:56,239
lot of windows to look out and so you

63
00:03:00,710 --> 00:02:58,400

can kind of forget uh where you are and

64

00:03:03,350 --> 00:03:00,720

you we have what we call a world map on

65

00:03:06,309 --> 00:03:03,360

board that is always tracking where the

66

00:03:08,149 --> 00:03:06,319

station is so a lot of times you'll get

67

00:03:09,830 --> 00:03:08,159

busy and you want to know where you are

68

00:03:11,430 --> 00:03:09,840

so you have to take a look at that world

69

00:03:12,710 --> 00:03:11,440

map and if it's somewhere you're

70

00:03:14,630 --> 00:03:12,720

interested in taking a picture then you

71

00:03:18,149 --> 00:03:14,640

can run to one of the windows and try

72

00:03:20,070 --> 00:03:18,159

and get a picture of it

73

00:03:22,309 --> 00:03:20,080

but other than that it's a working

74

00:03:24,309 --> 00:03:22,319

environment there's no sense of speed or

75

00:03:27,270 --> 00:03:24,319

motion at seventeen thousand five

76

00:03:30,070 --> 00:03:27,280

hundred miles an hour and uh it's just

77

00:03:32,949 --> 00:03:30,080

another day slash night on board the iss

78

00:03:36,070 --> 00:03:32,959

correct

79

00:03:37,509 --> 00:03:36,080

the sense of that speed until you do

80

00:03:39,830 --> 00:03:37,519

look out the windows and you see just

81

00:03:42,149 --> 00:03:39,840

how fast the the earth is going by below

82

00:03:43,670 --> 00:03:42,159

you it's quite incredible uh when we

83

00:03:45,270 --> 00:03:43,680

have a pass that goes over the united

84

00:03:47,190 --> 00:03:45,280

states and that's probably less than 10

85

00:03:48,710 --> 00:03:47,200

minutes that will it takes to to go over

86

00:03:51,110 --> 00:03:48,720

the united states so it happens quick

87

00:03:52,869 --> 00:03:51,120

but but on a normal day we kind of

88

00:03:56,550 --> 00:03:52,879

control night and day just by turning on

89

00:04:01,030 --> 00:03:58,869

homesickness can't be an option for

90

00:04:03,509 --> 00:04:01,040

people in your line of work but what

91

00:04:06,149 --> 00:04:03,519

what is it like being up there for the

92

00:04:08,470 --> 00:04:06,159

holidays the uh

93

00:04:11,429 --> 00:04:08,480

some terrific college football games the

94

00:04:15,830 --> 00:04:11,439

nfl playoffs uh whatever it is that you

95

00:04:19,349 --> 00:04:17,430

yeah anytime you're away from home

96

00:04:21,509 --> 00:04:19,359

during the holidays it's hard you know

97

00:04:23,350 --> 00:04:21,519

there's a thousand hundreds of thousands

98

00:04:25,430 --> 00:04:23,360

of military folks and a lot of folks who

99

00:04:26,950 --> 00:04:25,440

spend time away from the families during

100

00:04:28,870 --> 00:04:26,960

the holidays and they all know how it

101
00:04:30,390 --> 00:04:28,880
feels and we feel the same way but if

102
00:04:32,230 --> 00:04:30,400
you have to be you know the way we think

103
00:04:34,150 --> 00:04:32,240
about it is if you have to be away from

104
00:04:37,030 --> 00:04:34,160
home during the holidays there's not too

105
00:04:38,629 --> 00:04:37,040
many places better than being here on

106
00:04:40,710 --> 00:04:38,639
board the international space station in

107
00:04:42,550 --> 00:04:40,720
low earth orbit but we have pretty good

108
00:04:44,629 --> 00:04:42,560
connectivity with our families at home

109
00:04:46,950 --> 00:04:44,639
we have what we call the ip phone a

110
00:04:49,350 --> 00:04:46,960
telephone that we can call home almost

111
00:04:51,189 --> 00:04:49,360
any time of the day we have video

112
00:04:53,990 --> 00:04:51,199
conferencing with our families about

113
00:04:55,510 --> 00:04:54,000

once a week and of course we have email

114

00:04:58,070 --> 00:04:55,520

so we're pretty well connected to our

115

00:05:00,629 --> 00:04:58,080

families and as far as football games go

116

00:05:02,629 --> 00:05:00,639

we mike and i both enjoy football and

117

00:05:06,950 --> 00:05:02,639

the ground is more than happy to send us

118

00:05:11,590 --> 00:05:08,950

now judging from where you're both from

119

00:05:14,150 --> 00:05:11,600

i'm i'm taking a guess here that we are

120

00:05:19,189 --> 00:05:14,160

chiefs patriots but that could be wildly

121

00:05:24,950 --> 00:05:21,749

well unfortunately the the chiefs have

122

00:05:27,110 --> 00:05:24,960

already gone home for the season but uh

123

00:05:29,909 --> 00:05:27,120

yeah i would say the chiefs the ra or

124

00:05:31,909 --> 00:05:29,919

the uh the rams i guess would be but

125

00:05:35,670 --> 00:05:31,919

right now we're down in houston so i've

126

00:05:44,310 --> 00:05:37,189

well you're going to do very well in the

127

00:05:44,320 --> 00:05:50,070

and rick what about you

128

00:05:53,830 --> 00:05:51,909

yeah brian i grew up in connecticut kind

129

00:05:56,150 --> 00:05:53,840

of halfway between new york and boston

130

00:05:57,830 --> 00:05:56,160

and uh i grew up as a giants fan a new

131

00:05:59,830 --> 00:05:57,840

york giants fan and i'm still a big fan

132

00:06:02,950 --> 00:05:59,840

of the giants and of course i'm a fan of

133

00:06:07,029 --> 00:06:05,350

i knew i liked you for some reason uh we

134

00:06:10,390 --> 00:06:07,039

all bleed giants blue all the good

135

00:06:13,510 --> 00:06:10,400

people down here um uh moving on to the

136

00:06:15,830 --> 00:06:13,520

olympic games how much how much of the

137

00:06:18,390 --> 00:06:15,840

olympics will you be able to see either

138

00:06:20,870 --> 00:06:18,400

live or tape delay i don't know the the

139

00:06:23,590 --> 00:06:20,880

extent of your television viewing and of

140

00:06:25,990 --> 00:06:23,600

course you'll get a better view of sochi

141

00:06:28,309 --> 00:06:26,000

russia than most of us looking right

142

00:06:31,830 --> 00:06:28,319

down during your orbits on the venues

143

00:06:35,909 --> 00:06:34,230

yeah actually we passed right over sochi

144

00:06:37,590 --> 00:06:35,919

area yesterday and i actually got some

145

00:06:39,510 --> 00:06:37,600

great photographs of the area and

146

00:06:41,830 --> 00:06:39,520

tweeted some of those as far as the

147

00:06:43,830 --> 00:06:41,840

olympic goes i'm sure that the the nasa

148

00:06:46,150 --> 00:06:43,840

folks are more than willing to uh give

149

00:06:47,670 --> 00:06:46,160

us some actually some live feeds and

150

00:06:49,990 --> 00:06:47,680

also some tape delay stuff that they

151
00:06:51,749 --> 00:06:50,000
could uplink some video for so i'm sure

152
00:06:54,150 --> 00:06:51,759
once we give them a uh

153
00:06:55,830 --> 00:06:54,160
a list of the different uh

154
00:06:59,830 --> 00:06:55,840
events that we want to see they'll be

155
00:07:05,029 --> 00:07:02,390
of course it's tough to top um

156
00:07:07,909 --> 00:07:05,039
you guys had commander chris hadfield of

157
00:07:11,270 --> 00:07:07,919
canada up there who famously

158
00:07:13,749 --> 00:07:11,280
uh became kind of uh the youtube voice

159
00:07:16,550 --> 00:07:13,759
of the international space station he he

160
00:07:18,790 --> 00:07:16,560
made some fabulous instructional how-to

161
00:07:21,589 --> 00:07:18,800
videos how to uh brush your teeth and

162
00:07:23,670 --> 00:07:21,599
how a sandwich is made and how the how

163
00:07:27,270 --> 00:07:23,680

the bathroom works up there

164

00:07:29,990 --> 00:07:27,280

and uh famously commander hadfield uh

165

00:07:32,710 --> 00:07:30,000

produced and recorded space oddity

166

00:07:34,790 --> 00:07:32,720

ground control to major tom from space

167

00:07:35,830 --> 00:07:34,800

the first time that's ever been done i

168

00:07:38,230 --> 00:07:35,840

don't know

169

00:07:40,150 --> 00:07:38,240

uh what you plan to top that whether

170

00:07:44,710 --> 00:07:40,160

there's a spring production of hello

171

00:07:49,589 --> 00:07:47,189

well it would be hard to uh to top

172

00:07:51,830 --> 00:07:49,599

commander hatfield chris hatfield and

173

00:07:53,350 --> 00:07:51,840

and really uh to be all honest uh you

174

00:07:54,230 --> 00:07:53,360

don't you don't want to hear rick or i

175

00:07:58,309 --> 00:07:54,240

sing

176

00:08:03,430 --> 00:08:00,150

uh there's a lesson in that though he

177

00:08:05,029 --> 00:08:03,440

really did personalize space travel and

178

00:08:07,510 --> 00:08:05,039

if you look at some of the sessions he

179

00:08:08,550 --> 00:08:07,520

did q a with especially canadian

180

00:08:11,029 --> 00:08:08,560

students

181

00:08:12,469 --> 00:08:11,039

um it was really terrific what would be

182

00:08:16,150 --> 00:08:12,479

your wish

183

00:08:17,990 --> 00:08:16,160

uh if if the american people uh knew one

184

00:08:20,230 --> 00:08:18,000

thing and would really concentrate on

185

00:08:22,790 --> 00:08:20,240

the fact that this many adults are

186

00:08:25,830 --> 00:08:22,800

hurtling around the earth every 90

187

00:08:28,550 --> 00:08:25,840

minutes conducting experiments on this

188

00:08:30,629 --> 00:08:28,560

massive football field size

189

00:08:32,870 --> 00:08:30,639

spacecraft that's slowly been growing

190

00:08:34,550 --> 00:08:32,880

and growing and growing over the years

191

00:08:35,990 --> 00:08:34,560

what is it that you'd like people to

192

00:08:39,750 --> 00:08:36,000

know and understand about the

193

00:08:45,030 --> 00:08:42,790

yeah i think actually uh partly what you

194

00:08:46,550 --> 00:08:45,040

just said is the fact that uh we we do

195

00:08:48,710 --> 00:08:46,560

have the international space station up

196

00:08:51,350 --> 00:08:48,720

here and it's been going now for over 10

197

00:08:53,350 --> 00:08:51,360

years and for over 10 years we've had an

198

00:08:54,350 --> 00:08:53,360

american presence a human presence in

199

00:08:56,710 --> 00:08:54,360

space

200

00:08:58,070 --> 00:08:56,720

365 days out of the year and that's and

201
00:09:00,150 --> 00:08:58,080
that's pretty incredible and we're doing

202
00:09:01,829 --> 00:09:00,160
a lot of exciting things up here

203
00:09:04,150 --> 00:09:01,839
particularly in the fields of science

204
00:09:04,870 --> 00:09:04,160
and and and what that is going to lead

205
00:09:07,269 --> 00:09:04,880
to

206
00:09:08,790 --> 00:09:07,279
is eventual exploration beyond low earth

207
00:09:10,790 --> 00:09:08,800
orbit and and so i think that's very

208
00:09:12,550 --> 00:09:10,800
exciting and i'd like to see people all

209
00:09:15,509 --> 00:09:12,560
across the country get excited about

210
00:09:15,519 --> 00:09:20,310
rick same question

211
00:09:23,829 --> 00:09:22,470
yeah i i guess i'd like to add to that i

212
00:09:25,509 --> 00:09:23,839
worked the shuttle program for many

213
00:09:27,430 --> 00:09:25,519

years and got the opportunity to fly on

214

00:09:29,350 --> 00:09:27,440

the shuttle many times and i've heard

215

00:09:31,670 --> 00:09:29,360

from many different folks oh is nasa

216

00:09:33,269 --> 00:09:31,680

going out of business and i think the

217

00:09:34,790 --> 00:09:33,279

most important thing to know is nasa

218

00:09:36,389 --> 00:09:34,800

never went out of business the shuttle

219

00:09:38,470 --> 00:09:36,399

program ended but the space station

220

00:09:40,870 --> 00:09:38,480

program is going strong and like mike

221

00:09:42,470 --> 00:09:40,880

said we're up here doing research 365

222

00:09:44,070 --> 00:09:42,480

days a year and have been doing so for

223

00:09:46,389 --> 00:09:44,080

many many many years and will continue

224

00:09:48,389 --> 00:09:46,399

to do so and we're also building and

225

00:09:52,070 --> 00:09:48,399

designing new vehicles and nasa has a

226

00:09:57,430 --> 00:09:54,150

i guess the american astronauts during

227

00:10:01,030 --> 00:09:57,440

this era do have to get used to uh

228

00:10:03,190 --> 00:10:01,040

splashdown on land because the soviets

229

00:10:06,949 --> 00:10:03,200

are our ride how much of a transition

230

00:10:09,430 --> 00:10:08,150

yeah it's been quite a bit of a

231

00:10:11,750 --> 00:10:09,440

transition you know

232

00:10:13,990 --> 00:10:11,760

going from shuttle training to soyuz

233

00:10:15,910 --> 00:10:14,000

training was uh was quite interesting

234

00:10:17,509 --> 00:10:15,920

for me and it was a it was a heck of a

235

00:10:19,910 --> 00:10:17,519

challenge actually but it was very

236

00:10:22,550 --> 00:10:19,920

enjoyable to actually learn how to fly

237

00:10:25,030 --> 00:10:22,560

and operate another spacecraft was a

238

00:10:26,630 --> 00:10:25,040

rare opportunity for an astronaut so i

239

00:10:28,630 --> 00:10:26,640

really enjoyed it the biggest challenge

240

00:10:29,509 --> 00:10:28,640

of course is the language just learning

241

00:10:32,069 --> 00:10:29,519

how to

242

00:10:33,590 --> 00:10:32,079

speak and use the russian language in a

243

00:10:37,030 --> 00:10:33,600

way so that you can operate the vehicle

244

00:10:40,790 --> 00:10:38,550

of course i just called them soviets

245

00:10:43,670 --> 00:10:40,800

proving that i'm about 20 years

246

00:10:46,630 --> 00:10:43,680

out of date what did as in your civilian

247

00:10:49,269 --> 00:10:46,640

life as you relate to family and friends

248

00:10:51,509 --> 00:10:49,279

what has the movie gravity done

249

00:10:54,069 --> 00:10:51,519

uh to the astronaut business and to the

250

00:10:55,910 --> 00:10:54,079

understanding of the international space

251
00:10:58,150 --> 00:10:55,920
station and other than the fact that

252
00:10:59,990 --> 00:10:58,160
sandra bullock's hair is not

253
00:11:02,389 --> 00:11:00,000
flying around in the movie and experts

254
00:11:04,630 --> 00:11:02,399
have found little uh knits to pick about

255
00:11:08,630 --> 00:11:04,640
the movie has it been you think overall

256
00:11:11,910 --> 00:11:11,110
i think anytime you bring attention to

257
00:11:15,509 --> 00:11:11,920
the

258
00:11:17,590 --> 00:11:15,519
i know i personally am very get very

259
00:11:19,829 --> 00:11:17,600
excited about it because again it's we

260
00:11:22,230 --> 00:11:19,839
really enjoy what we do up here we're

261
00:11:23,190 --> 00:11:22,240
very proud of what nasa has accomplished

262
00:11:25,030 --> 00:11:23,200
and we

263
00:11:27,030 --> 00:11:25,040

think it's great when the american

264

00:11:28,870 --> 00:11:27,040

public pays attention and understands

265

00:11:31,110 --> 00:11:28,880

exactly what we're doing up here as far

266

00:11:33,350 --> 00:11:31,120

as the movie goes i we uh i saw the

267

00:11:35,670 --> 00:11:33,360

movie before launch

268

00:11:38,150 --> 00:11:35,680

back in moscow a couple of months ago

269

00:11:41,430 --> 00:11:38,160

and it was very entertaining and we

270

00:11:45,190 --> 00:11:43,110

i've always told folks here in this

271

00:11:46,470 --> 00:11:45,200

country there are any number of websites

272

00:11:48,630 --> 00:11:46,480

you can go in

273

00:11:49,990 --> 00:11:48,640

type in your zip code wherever you

274

00:11:51,910 --> 00:11:50,000

happen to be

275

00:11:55,990 --> 00:11:51,920

and it'll tell you when the next

276

00:11:58,310 --> 00:11:56,000

overflight is uh of the iss and on a

277

00:12:01,269 --> 00:11:58,320

clear night if you're away from light

278

00:12:03,590 --> 00:12:01,279

pollution it's it's just a breathtaking

279

00:12:05,430 --> 00:12:03,600

sight to behold i saw you guys we were

280

00:12:08,069 --> 00:12:05,440

in the midwest and i saw you guys fly

281

00:12:08,949 --> 00:12:08,079

over uh about a week ago

282

00:12:12,629 --> 00:12:08,959

um

283

00:12:15,430 --> 00:12:12,639

what is it that you have noticed about

284

00:12:17,670 --> 00:12:15,440

earth what perspective have you gained

285

00:12:19,750 --> 00:12:17,680

on the planet earth you see it all you

286

00:12:21,990 --> 00:12:19,760

see weather volcanoes

287

00:12:24,470 --> 00:12:22,000

tragedies uh beauty

288

00:12:29,670 --> 00:12:24,480

all in the course of a day's work

289

00:12:34,150 --> 00:12:31,350

yeah you know it's quite interesting uh

290

00:12:36,470 --> 00:12:34,160

what surprised me about uh getting our

291

00:12:37,829 --> 00:12:36,480

view of earth is there's not a part of

292

00:12:40,150 --> 00:12:37,839

the earth that isn't absolutely

293

00:12:42,389 --> 00:12:40,160

beautiful i was quite surprised as we

294

00:12:44,550 --> 00:12:42,399

went over uh regions that are like

295

00:12:46,870 --> 00:12:44,560

deserts and i wouldn't think that that

296

00:12:48,629 --> 00:12:46,880

would would have a a lot of beauty to it

297

00:12:50,310 --> 00:12:48,639

but then you see how these sand dunes

298

00:12:52,470 --> 00:12:50,320

are formed by the winds and these these

299

00:12:54,790 --> 00:12:52,480

just amazing patterns in the sand dunes

300

00:12:56,710 --> 00:12:54,800

and and and what i found then is that as

301
00:12:59,110 --> 00:12:56,720
we go around the earth every part of it

302
00:13:00,870 --> 00:12:59,120
there it is just absolutely beautiful

303
00:13:03,190 --> 00:13:00,880
now one of the things you did mention is

304
00:13:05,190 --> 00:13:03,200
uh perspective and and it is

305
00:13:07,350 --> 00:13:05,200
easy to lose perspective up here because

306
00:13:08,790 --> 00:13:07,360
when you see things like a hurricane

307
00:13:10,790 --> 00:13:08,800
from our view

308
00:13:12,790 --> 00:13:10,800
absolutely beautiful these huge cloud

309
00:13:14,389 --> 00:13:12,800
formations and and it's very easy to

310
00:13:16,389 --> 00:13:14,399
lose sight of the fact that there's

311
00:13:20,310 --> 00:13:16,399
tragedy happening down below that and so

312
00:13:22,550 --> 00:13:20,320
we always need to keep that in mind

313
00:13:25,269 --> 00:13:22,560

uh mike i've always wondered uh how much

314

00:13:28,470 --> 00:13:25,279

detail can you see is there a is there

315

00:13:30,550 --> 00:13:28,480

an earth landmark that you can make out

316

00:13:32,870 --> 00:13:30,560

that surprised you how big does

317

00:13:36,069 --> 00:13:32,880

something have to be to be visible

318

00:13:38,790 --> 00:13:36,079

whether it's a building or red square or

319

00:13:41,269 --> 00:13:38,800

the mall in washington uh give us some

320

00:13:45,430 --> 00:13:41,279

perspective i guess you're roughly just

321

00:13:50,870 --> 00:13:48,550

yeah we're about 260 miles up in and

322

00:13:53,750 --> 00:13:50,880

from with the naked eye you know you can

323

00:13:55,350 --> 00:13:53,760

see the cities uh just in general but

324

00:13:57,509 --> 00:13:55,360

what's really neat is when you start to

325

00:13:59,189 --> 00:13:57,519

use the the cameras and you and you take

326

00:14:01,189 --> 00:13:59,199

the photos of them and you can zoom in

327

00:14:03,189 --> 00:14:01,199

and you can really start to see quite a

328

00:14:05,990 --> 00:14:03,199

bit of detail you can see airplanes at

329

00:14:07,590 --> 00:14:06,000

the airport you can see boats on rivers

330

00:14:09,750 --> 00:14:07,600

and so that's kind of exciting to be

331

00:14:11,269 --> 00:14:09,760

flying over that you see the city that

332

00:14:13,030 --> 00:14:11,279

you want to take a picture of and then

333

00:14:15,509 --> 00:14:13,040

you take that picture and you can zoom

334

00:14:18,629 --> 00:14:15,519

in with with quite a bit of detail on on

335

00:14:23,350 --> 00:14:20,389

and isn't it true rick you've watched

336

00:14:27,990 --> 00:14:23,360

rocket launches come up and go past you

337

00:14:32,710 --> 00:14:30,150

other astronauts have we have yet to see

338

00:14:34,550 --> 00:14:32,720

i think mike might have seen something

339

00:14:36,470 --> 00:14:34,560

yeah actually when i first arrived this

340

00:14:38,470 --> 00:14:36,480

was before uh rick and and koichi

341

00:14:39,509 --> 00:14:38,480

arrived up here we had the opportunity

342

00:14:41,670 --> 00:14:39,519

to see a

343

00:14:44,389 --> 00:14:41,680

test missile launch out of rush out of

344

00:14:46,470 --> 00:14:44,399

uh out of baikonur in kazakhstan and it

345

00:14:48,470 --> 00:14:46,480

was absolutely incredible when they you

346

00:14:50,150 --> 00:14:48,480

saw the smoke trail as it uh launched

347

00:14:52,470 --> 00:14:50,160

into orbit and then once it got into

348

00:14:55,430 --> 00:14:52,480

orbit there was just a absolutely huge

349

00:14:58,069 --> 00:14:55,440

cloud that that formed in space and and

350

00:15:00,150 --> 00:14:58,079

uh and got very large and so absolutely

351

00:15:01,430 --> 00:15:00,160

incredible uh view and and we actually

352

00:15:04,710 --> 00:15:01,440

were lucky and got some some great

353

00:15:10,710 --> 00:15:07,189

uh well mike starting with you um as we

354

00:15:13,509 --> 00:15:10,720

are uh wrapping up here what is your

355

00:15:17,829 --> 00:15:13,519

wish for 2014 and your message to the

356

00:15:22,470 --> 00:15:20,230

well i know uh right now obviously

357

00:15:24,389 --> 00:15:22,480

things have been pretty rough down in in

358

00:15:25,990 --> 00:15:24,399

the us and actually all over with the

359

00:15:27,750 --> 00:15:26,000

with the weather and everything so first

360

00:15:29,509 --> 00:15:27,760

and foremost would be that everybody

361

00:15:33,030 --> 00:15:29,519

stay safe uh

362

00:15:35,269 --> 00:15:33,040

throughout 2014 and uh of course would

363

00:15:37,269 --> 00:15:35,279

would like to say hello to to my family

364

00:15:39,829 --> 00:15:37,279

and friends and everybody out there and

365

00:15:44,470 --> 00:15:39,839

and look forward to for for both of us

366

00:15:47,430 --> 00:15:46,069

same question

367

00:15:49,749 --> 00:15:47,440

yeah and for me

368

00:15:51,829 --> 00:15:49,759

yeah okay for me uh obviously the same

369

00:15:53,670 --> 00:15:51,839

thing top of my head my

370

00:15:55,590 --> 00:15:53,680

new year's resolution is to have a safe

371

00:15:58,150 --> 00:15:55,600

landing on the planet earth sometime

372

00:15:59,990 --> 00:15:58,160

this year of course but and to all the

373

00:16:02,150 --> 00:16:00,000

folks on earth you know there's so many

374

00:16:04,710 --> 00:16:02,160

things that you wish for the whole

375

00:16:06,230 --> 00:16:04,720

planet but uh when you are kind of

376

00:16:07,590 --> 00:16:06,240

flying above all these different

377

00:16:09,350 --> 00:16:07,600

countries and all these different

378

00:16:12,150 --> 00:16:09,360

regions and you kind of see them all as

379

00:16:13,990 --> 00:16:12,160

just one big planet it sure makes you

380

00:16:16,790 --> 00:16:14,000

wish that obviously

381

00:16:17,990 --> 00:16:16,800

folks can put aside their differences

382

00:16:24,150 --> 00:16:18,000

and

383

00:16:26,230 --> 00:16:24,160

it's great something that makes me very

384

00:16:28,310 --> 00:16:26,240

happy is to see the olympics and i think

385

00:16:31,030 --> 00:16:28,320

it's going to be exciting to get all the

386

00:16:32,790 --> 00:16:31,040

countries come together and even that

387

00:16:35,670 --> 00:16:32,800

for those short period of time work

388

00:16:40,069 --> 00:16:37,910

well a lot of us envy the vantage point

389

00:16:42,629 --> 00:16:40,079

you'll have on all of it thank you

390

00:16:44,949 --> 00:16:42,639

gentlemen for the work you do uh thank

391

00:16:47,030 --> 00:16:44,959

you very much for uh representing nasa

392

00:16:49,350 --> 00:16:47,040

up there and thank you most of all for

393

00:16:51,110 --> 00:16:49,360

spending time with us today uh we'll

394

00:16:53,030 --> 00:16:51,120

have a good time with this on television

395

00:16:55,590 --> 00:16:53,040

and we'll continue to spread the story

396

00:16:59,990 --> 00:16:55,600

of the iss to our viewers happy and

397

00:17:02,870 --> 00:17:01,590

thank you brian we enjoyed talking to

398

00:17:04,390 --> 00:17:02,880

you and

399

00:17:06,150 --> 00:17:04,400

we watch your show every day at

400

00:17:08,949 --> 00:17:06,160

lunchtime and we appreciate the

401
00:17:12,549 --> 00:17:10,390
hey thanks for trying to find that house

402
00:17:17,590 --> 00:17:12,559
in australia i appreciate it i won't ask

403
00:17:24,069 --> 00:17:20,549
thanks gentlemen yeah that was exciting

404
00:17:25,909 --> 00:17:24,079
yeah you bet brian thank you very much

405
00:17:28,309 --> 00:17:25,919
and thank you houston and everybody down

406
00:17:33,510 --> 00:17:31,190
station this is houston acr thank you

407
00:17:35,750 --> 00:17:33,520
that concludes our event

408
00:17:37,110 --> 00:17:35,760
umc nightly news station we are now