



1
00:00:03,830 --> 00:00:01,990
hi i'm greg whitney lead flight

2
00:00:24,630 --> 00:00:03,840
activities officer of the final shuttle

3
00:00:31,189 --> 00:00:27,670
if you believed

4
00:00:35,350 --> 00:00:31,199
they put a man on the moon

5
00:00:41,910 --> 00:00:38,470
if you believed

6
00:00:45,590 --> 00:00:41,920
there's nothing up my sleeve

7
00:00:48,150 --> 00:00:45,600
then nothing is cool

8
00:00:50,150 --> 00:00:48,160
good morning atlantis this is michael

9
00:00:53,110 --> 00:00:50,160
stipe from rem

10
00:00:56,150 --> 00:00:53,120
we wish you much success on your mission

11
00:00:57,990 --> 00:00:56,160
and thank all the women and men at nasa

12
00:01:01,189 --> 00:00:58,000
who have worked on shuttle for three

13
00:01:35,469 --> 00:01:01,199

decades from earth a very good morning

14

00:01:35,479 --> 00:01:51,830

monopoly 21 checklist

15

00:01:51,840 --> 00:02:08,150

let's play twister let's play red

16

00:02:16,150 --> 00:02:12,150

andy did you hear about this word

17

00:02:32,470 --> 00:02:16,160

tell me are you locked in the pond

18

00:02:40,470 --> 00:02:34,630

if you believe

19

00:02:40,480 --> 00:02:50,070

oh

20

00:02:55,589 --> 00:02:53,350

good morning uh houston and uh

21

00:02:57,110 --> 00:02:55,599

all you can see up here as wow uh we'd

22

00:02:59,190 --> 00:02:57,120

like to thank uh

23

00:03:01,190 --> 00:02:59,200

mr michael for

24

00:03:04,229 --> 00:03:01,200

sending up that wonderful message and

25

00:03:06,470 --> 00:03:04,239

that great song

26

00:03:09,990 --> 00:03:06,480

i know a lot of us up here have been

27

00:03:11,830 --> 00:03:10,000

listening to rem for a long long time

28

00:03:14,470 --> 00:03:11,840

and

29

00:03:16,869 --> 00:03:14,480

just some of the greatest music

30

00:03:18,470 --> 00:03:16,879

also reminds us about the

31

00:03:22,229 --> 00:03:18,480

moon landing next week

32

00:03:24,470 --> 00:03:22,239

uh anniversary and uh

33

00:03:26,070 --> 00:03:24,480

we also echo his sentiments just to

34

00:03:28,390 --> 00:03:26,080

thank all the great people who worked on

35

00:03:30,070 --> 00:03:28,400

this uh

36

00:03:32,390 --> 00:03:30,080

wonderful space shuttle

37

00:03:34,229 --> 00:03:32,400

we're ready for another day in space and

38

00:03:36,710 --> 00:03:34,239

uh

39

00:03:38,789 --> 00:03:36,720

ready to get to work

40

00:03:41,110 --> 00:03:38,799

and atlantis thank you very much i agree

41

00:03:43,270 --> 00:03:41,120

with you that was great music and we

42

00:03:45,589 --> 00:03:43,280

also are ready for another great day

43

00:03:48,309 --> 00:03:45,599

working with you

44

00:03:50,309 --> 00:03:48,319

atlantis iss this is evan brown from fox

45

00:03:51,910 --> 00:03:50,319

news radio how do you hear me good

46

00:03:54,390 --> 00:03:51,920

morning evan we have you loud and clear

47

00:03:56,710 --> 00:03:54,400

from the international space station

48

00:03:58,390 --> 00:03:56,720

oh good morning uh dr magnus commander

49

00:04:00,390 --> 00:03:58,400

ferguson thank you for speaking with me

50

00:04:01,750 --> 00:04:00,400

this morning firstly uh how's the

51

00:04:03,190 --> 00:04:01,760

mission going

52

00:04:05,110 --> 00:04:03,200

well this is one of the first days we've

53

00:04:06,869 --> 00:04:05,120

been able to uh take a deep breath and

54

00:04:08,470 --> 00:04:06,879

uh and appreciate what we're doing up

55

00:04:10,470 --> 00:04:08,480

here uh we've been really busy for the

56

00:04:12,229 --> 00:04:10,480

first five six days or so but uh i'd

57

00:04:14,070 --> 00:04:12,239

like to think it's going really well you

58

00:04:15,830 --> 00:04:14,080

know if the the vehicle's really healthy

59

00:04:17,270 --> 00:04:15,840

atlantis is doing just wonderfully uh

60

00:04:19,670 --> 00:04:17,280

it's great to see our space station

61

00:04:21,830 --> 00:04:19,680

friends up here and uh we've got our big

62

00:04:24,070 --> 00:04:21,840

cargo module about about three quarters

63

00:04:24,870 --> 00:04:24,080

or so uh all transferred so it's going

64

00:04:27,270 --> 00:04:24,880

great

65

00:04:29,030 --> 00:04:27,280

uh both of you could tell me some about

66

00:04:29,909 --> 00:04:29,040

the mission special tasks and some of

67

00:04:31,990 --> 00:04:29,919

the things that you're doing

68

00:04:34,150 --> 00:04:32,000

specifically we know you made a rather

69

00:04:36,070 --> 00:04:34,160

large delivery to the iss

70

00:04:37,830 --> 00:04:36,080

how's that going and and what's going to

71

00:04:42,469 --> 00:04:37,840

be left at the station when you guys

72

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

well uh we are making a rather large

73

00:04:49,270 --> 00:04:47,120

delivery and a lot of our time is being

74

00:04:51,430 --> 00:04:49,280

spent moving things onto the station and

75

00:04:53,670 --> 00:04:51,440

bringing things back uh into our cargo

76

00:04:56,390 --> 00:04:53,680

carrier we're leaving behind about a

77

00:04:58,469 --> 00:04:56,400

year's supply of food and consumables as

78

00:05:01,029 --> 00:04:58,479

well of about a thousand pounds of

79

00:05:03,830 --> 00:05:01,039

science equipment and some spare parts

80

00:05:04,790 --> 00:05:03,840

we're taking back with us some trash and

81

00:05:06,390 --> 00:05:04,800

some

82

00:05:08,790 --> 00:05:06,400

part pieces of hardware that need to be

83

00:05:10,710 --> 00:05:08,800

refurbished on the ground and some other

84

00:05:12,230 --> 00:05:10,720

consumables that need to go home so it's

85

00:05:14,950 --> 00:05:12,240

it's keeping us pretty busy but the

86

00:05:16,310 --> 00:05:14,960

station will be in uh good supply once

87

00:05:18,950 --> 00:05:16,320

we leave

88

00:05:20,790 --> 00:05:18,960

well you know the two of you have had uh

89

00:05:23,350 --> 00:05:20,800

a great vantage point because you've

90

00:05:25,350 --> 00:05:23,360

been obviously involved in in flying the

91

00:05:27,110 --> 00:05:25,360

shuttle and building the space station

92

00:05:28,629 --> 00:05:27,120

what is that like when you you sit down

93

00:05:30,550 --> 00:05:28,639

and you think about and you go wow i get

94

00:05:31,990 --> 00:05:30,560

to do this kind of stuff and what do you

95

00:05:33,990 --> 00:05:32,000

tell your family what do you tell your

96

00:05:35,909 --> 00:05:34,000

friends about it i mean this is a an

97

00:05:38,070 --> 00:05:35,919

amazing adventure that not many people

98

00:05:41,430 --> 00:05:38,080

get to do and and you two are pretty

99

00:05:46,310 --> 00:05:44,150

we are indeed very fortunate to have had

100

00:05:48,070 --> 00:05:46,320

the experiences that we've had and i

101
00:05:50,070 --> 00:05:48,080
remember a moment when i was up here on

102
00:05:52,150 --> 00:05:50,080
expedition 18 i was just going about my

103
00:05:54,550 --> 00:05:52,160
normal routine and in the course of one

104
00:05:56,150 --> 00:05:54,560
day i talked to moscow i talked to

105
00:05:58,390 --> 00:05:56,160
germany i talked to japan and i talked

106
00:06:00,469 --> 00:05:58,400
to our two control centers in houston

107
00:06:02,150 --> 00:06:00,479
and one in huntsville and then i stopped

108
00:06:03,990 --> 00:06:02,160
for a second and i did have one of those

109
00:06:07,350 --> 00:06:04,000
moments of realization it's like wow

110
00:06:10,070 --> 00:06:07,360
look what we did we built this huge huge

111
00:06:11,909 --> 00:06:10,080
monster laboratory orbiting the earth

112
00:06:14,070 --> 00:06:11,919
using country you know with cooperation

113
00:06:16,070 --> 00:06:14,080

from countries all over the world and

114

00:06:18,070 --> 00:06:16,080

and here i am living on it it was just

115

00:06:20,230 --> 00:06:18,080

one of those moments that you have that

116

00:06:22,070 --> 00:06:20,240

like you're speaking about it just it's

117

00:06:25,110 --> 00:06:22,080

it just strikes you that wow this is

118

00:06:29,909 --> 00:06:25,120

really uh just incredible

119

00:06:34,469 --> 00:06:33,510

well uh i'll tell you

120

00:06:36,230 --> 00:06:34,479

when we rendezvous with the

121

00:06:38,629 --> 00:06:36,240

international space station we can

122

00:06:40,950 --> 00:06:38,639

actually see it about six hours before

123

00:06:42,790 --> 00:06:40,960

we actually dock and you see it as a as

124

00:06:45,189 --> 00:06:42,800

a spec on the horizon but you know that

125

00:06:47,510 --> 00:06:45,199

you're you're closing rapidly and as the

126
00:06:49,350 --> 00:06:47,520
the afternoon of rendezvous progresses

127
00:06:51,589 --> 00:06:49,360
the station gets progressively larger

128
00:06:53,830 --> 00:06:51,599
and larger and then we end up in what we

129
00:06:55,350 --> 00:06:53,840
call the rpm or the rotation pitch

130
00:06:57,189 --> 00:06:55,360
maneuver and that's where we're poised

131
00:06:59,589 --> 00:06:57,199
about 600 feet

132
00:07:02,309 --> 00:06:59,599
below station and i'll tell you that is

133
00:07:03,909 --> 00:07:02,319
really it's just an incredibly emotional

134
00:07:05,510 --> 00:07:03,919
moment for those who are fortunate

135
00:07:07,830 --> 00:07:05,520
enough to have been in that position and

136
00:07:09,909 --> 00:07:07,840
look up and see this tremendous space

137
00:07:12,150 --> 00:07:09,919
station that we've built in space it

138
00:07:14,230 --> 00:07:12,160

really it's uh it makes me both humbled

139

00:07:16,070 --> 00:07:14,240

and awestruck at what human beings when

140

00:07:17,189 --> 00:07:16,080

they put their collective efforts

141

00:07:19,350 --> 00:07:17,199

together

142

00:07:21,350 --> 00:07:19,360

across a multinational effort can can

143

00:07:23,430 --> 00:07:21,360

build in space this this uh this

144

00:07:25,749 --> 00:07:23,440

orbiting laboratory is absolutely

145

00:07:27,430 --> 00:07:25,759

tremendous and just to see it from below

146

00:07:29,749 --> 00:07:27,440

it really leaves you with a like i said

147

00:07:31,510 --> 00:07:29,759

a feeling of awe

148

00:07:33,589 --> 00:07:31,520

commander ferguson dr magnus i believe

149

00:07:35,909 --> 00:07:33,599

our window is closing uh thank you so

150

00:07:38,790 --> 00:07:35,919

much for spending a few moments uh with

151

00:07:40,390 --> 00:07:38,800

us and uh have fun up there soak it all

152

00:07:44,150 --> 00:07:40,400

in and we'll see you back on the ground

153

00:07:47,270 --> 00:07:45,589

very good we'll see you then and and

154

00:07:48,950 --> 00:07:47,280

hello to everyone in the area that's

155

00:07:53,029 --> 00:07:48,960

listening we wish you could be here to

156

00:07:57,830 --> 00:07:55,909

atlantis iss this is houston acr that

157

00:07:59,990 --> 00:07:57,840

concludes the fox news radio portion of

158

00:08:03,110 --> 00:08:00,000

the event please stand by for a voice

159

00:08:05,990 --> 00:08:03,120

check from ktvi tv

160

00:08:07,589 --> 00:08:06,000

atlantis iss this is ktvi tv do you hear

161

00:08:11,430 --> 00:08:07,599

me

162

00:08:13,270 --> 00:08:11,440

we have you loud and clear good morning

163

00:08:14,710 --> 00:08:13,280

good morning to both of you talking of

164

00:08:16,710 --> 00:08:14,720

course with sandy magnus there and

165

00:08:18,150 --> 00:08:16,720

commander chris ferguson and sandy we

166

00:08:23,029 --> 00:08:18,160

have to start with you i mean what is

167

00:08:27,029 --> 00:08:24,950

well i guess in one word it's been very

168

00:08:28,790 --> 00:08:27,039

busy we've been really working hard to

169

00:08:30,790 --> 00:08:28,800

get everything done since we are crew of

170

00:08:32,310 --> 00:08:30,800

four but on the other hand i'm just

171

00:08:34,070 --> 00:08:32,320

thrilled to be back here on the

172

00:08:37,029 --> 00:08:34,080

international space station and it feels

173

00:08:37,039 --> 00:08:42,149

you're having a good hair day sandy

174

00:08:45,829 --> 00:08:43,990

i did this just for you guys in the st

175

00:08:50,310 --> 00:08:45,839

louis area because everybody enjoyed it

176

00:08:54,310 --> 00:08:51,750

and we're going to float the mic over to

177

00:08:55,509 --> 00:08:54,320

chris chris any issues in space so far i

178

00:08:59,670 --> 00:08:55,519

mean what are the plans for the rest of

179

00:09:03,590 --> 00:09:01,110

well first thing let me tell you that

180

00:09:05,509 --> 00:09:03,600

atlantis is absolutely wonderful it's uh

181

00:09:08,389 --> 00:09:05,519

we haven't it's been a flawless mission

182

00:09:09,910 --> 00:09:08,399

so far and uh you know it's a it's a 25

183

00:09:11,829 --> 00:09:09,920

year old spacecraft but it still

184

00:09:13,829 --> 00:09:11,839

performs like it's right out of the barn

185

00:09:15,670 --> 00:09:13,839

uh we've had a we've had a wonderful

186

00:09:17,750 --> 00:09:15,680

mission so far we've of course brought

187

00:09:19,750 --> 00:09:17,760

up about 10 000 pounds of food and

188

00:09:20,790 --> 00:09:19,760

supply enough hopefully to sustain the

189

00:09:22,790 --> 00:09:20,800

station

190

00:09:24,550 --> 00:09:22,800

for about a year to come

191

00:09:27,030 --> 00:09:24,560

we have another couple days docked and

192

00:09:28,710 --> 00:09:27,040

then then it's the the long road back to

193

00:09:30,870 --> 00:09:28,720

uh back to the kennedy space center in

194

00:09:32,630 --> 00:09:30,880

florida

195

00:09:34,630 --> 00:09:32,640

tell us about this virtual meal today i

196

00:09:35,829 --> 00:09:34,640

know sandy you had uh some planning in

197

00:09:40,310 --> 00:09:35,839

all of this this is going to be great

198

00:09:44,310 --> 00:09:42,389

oh definitely we try and you know nasa

199

00:09:46,070 --> 00:09:44,320

tries very hard to find ways for people

200

00:09:47,829 --> 00:09:46,080

to participate in the space experience

201
00:09:49,750 --> 00:09:47,839
and of course when we come back to our

202
00:09:51,829 --> 00:09:49,760
hometown areas like i have in st louis

203
00:09:53,509 --> 00:09:51,839
we try and share their experience as

204
00:09:57,750 --> 00:09:53,519
much as possible because it is such a

205
00:10:02,389 --> 00:10:00,230
all right before we go i got to see i've

206
00:10:04,230 --> 00:10:02,399
always wanted to ask you guys to do this

207
00:10:07,190 --> 00:10:04,240
if you just hold the set the microphone

208
00:10:15,590 --> 00:10:07,200
down sandy chris could you guys turn a

209
00:10:19,990 --> 00:10:16,829
all

210
00:10:24,710 --> 00:10:20,000
right love it there you go i like the

211
00:10:28,470 --> 00:10:26,870
chris you're cracking us up

212
00:10:30,870 --> 00:10:28,480
now see that's the kind of space

213
00:10:33,269 --> 00:10:30,880

experience i want we're gonna miss right

214

00:10:35,110 --> 00:10:33,279

there along with all the other great

215

00:10:37,190 --> 00:10:35,120

work these shuttle missions have done

216

00:10:41,509 --> 00:10:37,200

over the past 30 years thank you both

217

00:10:45,190 --> 00:10:43,910

thanks you guys

218

00:10:48,550 --> 00:10:45,200

bye

219

00:10:49,509 --> 00:10:48,560

we'll see you back here in st louis

220

00:10:51,190 --> 00:10:49,519

okay

221

00:10:53,509 --> 00:10:51,200

every kid it's great talking with you

222

00:10:57,990 --> 00:10:56,069

atlantis iss this is ksdk tv how do you

223

00:10:59,269 --> 00:10:58,000

hear me

224

00:11:03,750 --> 00:10:59,279

and we have you loud and clear on the

225

00:11:06,630 --> 00:11:05,350

sandy let's get some personal business

226

00:11:09,030 --> 00:11:06,640

out of the way is there anybody you want

227

00:11:10,389 --> 00:11:09,040

to give a shout out to in belleville

228

00:11:12,150 --> 00:11:10,399

yeah i just want to say hello to

229

00:11:13,030 --> 00:11:12,160

everybody in the area my family and my

230

00:11:14,790 --> 00:11:13,040

friends

231

00:11:19,269 --> 00:11:14,800

it's a really nice time up here i wish

232

00:11:24,069 --> 00:11:21,590

a lot of conversation about this being

233

00:11:26,710 --> 00:11:24,079

the final shuttle flight i'm wondering

234

00:11:28,389 --> 00:11:26,720

is it bittersweet at all pessimists say

235

00:11:30,389 --> 00:11:28,399

the u.s is in danger of losing its

236

00:11:32,550 --> 00:11:30,399

leadership in space optimists say

237

00:11:34,949 --> 00:11:32,560

retiring the shuttle program opens up

238

00:11:36,389 --> 00:11:34,959

new opportunities tell our viewers why

239

00:11:40,470 --> 00:11:36,399

they should care about the future of the

240

00:11:44,150 --> 00:11:42,310

well first of all uh let me address your

241

00:11:46,870 --> 00:11:44,160

first uh question about retiring the

242

00:11:49,030 --> 00:11:46,880

space shuttle you know uh space program

243

00:11:50,470 --> 00:11:49,040

is uh it's uh it's it's a wonderful

244

00:11:52,230 --> 00:11:50,480

thing that we have united states we're

245

00:11:53,990 --> 00:11:52,240

committed to it we have the resources to

246

00:11:55,829 --> 00:11:54,000

do it and i think it's just fantastic

247

00:11:57,990 --> 00:11:55,839

plus it gives tremendous opportunity for

248

00:11:59,910 --> 00:11:58,000

young men and women to enter fields in

249

00:12:01,829 --> 00:11:59,920

science and math

250

00:12:03,190 --> 00:12:01,839

you know we're not completely giving up

251
00:12:04,629 --> 00:12:03,200
on the space program of course we still

252
00:12:05,990 --> 00:12:04,639
have this international space station

253
00:12:07,910 --> 00:12:06,000
we're going to have american astronauts

254
00:12:09,590 --> 00:12:07,920
on it for years and years to come

255
00:12:11,590 --> 00:12:09,600
retiring the space shuttle does give us

256
00:12:13,430 --> 00:12:11,600
however some resources so we can make

257
00:12:15,350 --> 00:12:13,440
the next step to leave low earth orbit

258
00:12:19,030 --> 00:12:15,360
and perhaps go back to the moon or maybe

259
00:12:24,389 --> 00:12:22,230
how does being in space affect the aging

260
00:12:29,910 --> 00:12:24,399
process for astronauts because you two

261
00:12:33,110 --> 00:12:31,110
well i don't know how it affects the

262
00:12:34,790 --> 00:12:33,120
aging process but you certainly do feel

263
00:12:36,790 --> 00:12:34,800

good up here

264

00:12:38,230 --> 00:12:36,800

it's amazing really i think

265

00:12:39,829 --> 00:12:38,240

one of the things i found about space

266

00:12:41,990 --> 00:12:39,839

flight was coming back to earth and

267

00:12:43,990 --> 00:12:42,000

feeling what gravity is like and how

268

00:12:46,069 --> 00:12:44,000

much is just pulling you down to the

269

00:12:47,670 --> 00:12:46,079

planet and weighing you down and of

270

00:12:50,150 --> 00:12:47,680

course up here we're in free fall we're

271

00:12:52,710 --> 00:12:50,160

floating around in zero g and it's it's

272

00:12:58,310 --> 00:12:52,720

a lot of fun and probably makes us look

273

00:13:02,629 --> 00:12:59,990

talk a little bit about the life of an

274

00:13:04,550 --> 00:13:02,639

astronaut on the space shuttle one day

275

00:13:07,110 --> 00:13:04,560

you're space walking the next day you're

276

00:13:12,470 --> 00:13:07,120

hauling trash or fixing a toilet you've

277

00:13:16,230 --> 00:13:14,310

absolutely not the least of which is to

278

00:13:19,430 --> 00:13:16,240

transfer about ten thousand pounds of

279

00:13:20,790 --> 00:13:19,440

food and supply over the space station

280

00:13:22,470 --> 00:13:20,800

let me comment just a little bit on

281

00:13:23,990 --> 00:13:22,480

sandy of course she was here uh for

282

00:13:26,550 --> 00:13:24,000

about four and a half months with a part

283

00:13:28,790 --> 00:13:26,560

of expedition 18 and uh one of the first

284

00:13:31,030 --> 00:13:28,800

things i noticed one of the uh the first

285

00:13:32,470 --> 00:13:31,040

nights that we we kind of all

286

00:13:34,550 --> 00:13:32,480

set up our sleeping bags and went to

287

00:13:35,910 --> 00:13:34,560

sleep was the other three crew members

288

00:13:37,110 --> 00:13:35,920

they were a little restless they tossed

289

00:13:39,269 --> 00:13:37,120

they turned they had a hard time

290

00:13:41,509 --> 00:13:39,279

including myself i looked over at sandy

291

00:13:43,110 --> 00:13:41,519

she was sleeping soundly all nestled in

292

00:13:45,110 --> 00:13:43,120

her sleeping bag like she had never left

293

00:13:46,949 --> 00:13:45,120

she's so incredibly comfortable up here

294

00:13:48,310 --> 00:13:46,959

and it's just it's great to have her

295

00:13:50,710 --> 00:13:48,320

here and great to have her part of this

296

00:13:54,069 --> 00:13:52,069

well we are so sorry we're out of time

297

00:13:55,750 --> 00:13:54,079

for chris ferguson and sandy magnus

298

00:13:59,750 --> 00:13:55,760

thank you so much for joining us and

299

00:14:03,509 --> 00:14:01,829

we certainly shall and

300

00:14:05,350 --> 00:14:03,519

everyone think look st louis thanks for

301
00:14:08,949 --> 00:14:05,360
your support and keep tuned into nasa

302
00:14:12,389 --> 00:14:11,269
aboard the shuttle station complex

303
00:14:13,990 --> 00:14:12,399
you're looking

304
00:14:17,590 --> 00:14:14,000
down in the mid deck of atlantis as

305
00:14:20,470 --> 00:14:17,600
pilot doug hurley works through a set of

306
00:14:22,949 --> 00:14:20,480
procedures to stow items in the airlock

307
00:14:24,470 --> 00:14:22,959
and in other areas of the mid deck

308
00:14:27,590 --> 00:14:24,480
all part of the

309
00:14:29,269 --> 00:14:27,600
back and forth transfer of cargo

310
00:14:31,269 --> 00:14:29,279
from the rafaello

311
00:14:33,590 --> 00:14:31,279
logistics module to the international

312
00:14:35,509 --> 00:14:33,600
space station and the transfer of items

313
00:14:37,670 --> 00:14:35,519

from not only

314

00:14:39,990 --> 00:14:37,680

the station back into rafaella but also

315

00:14:42,629 --> 00:14:40,000

from atlantis mid deck

316

00:14:44,949 --> 00:14:42,639

once again peering into the rafaello

317

00:14:47,350 --> 00:14:44,959

multipurpose logistics module

318

00:14:50,230 --> 00:14:47,360

where various crew members are working

319

00:14:52,150 --> 00:14:50,240

in the continuing transfer of cargo

320

00:14:54,310 --> 00:14:52,160

the crew at the beginning of the day

321

00:14:55,670 --> 00:14:54,320

today was 50 percent complete with its

322

00:14:57,990 --> 00:14:55,680

transfers now

323

00:15:00,710 --> 00:14:58,000

heading towards the three-quarter mark

324

00:15:03,189 --> 00:15:00,720

in the transfer of

325

00:15:05,189 --> 00:15:03,199

some four and a half tons of equipment

326

00:15:07,990 --> 00:15:05,199

from rafaello into the international

327

00:15:17,590 --> 00:15:08,000

space station to ensure that it is fully

328

00:15:23,030 --> 00:15:20,150

a variety of crew members gathering down

329

00:15:25,189 --> 00:15:23,040

in the mid deck of atlantis to prepare

330

00:15:27,030 --> 00:15:25,199

a variety of cuisine that constitutes

331

00:15:28,389 --> 00:15:27,040

the all-american meal that you've been

332

00:15:30,710 --> 00:15:28,399

hearing about

333

00:15:32,069 --> 00:15:30,720

this all-american meal again

334

00:15:34,870 --> 00:15:32,079

was conceived

335

00:15:37,509 --> 00:15:34,880

in honor of this final shuttle mission

336

00:15:39,509 --> 00:15:37,519

of atlantis and um

337

00:15:42,389 --> 00:15:39,519

prepared by the food lab folks here at

338

00:15:44,550 --> 00:15:42,399

the johnson space center

339

00:15:47,590 --> 00:15:44,560

the cruise all-american menu beginning

340

00:15:49,189 --> 00:15:47,600

with crackers brie cheese and sausage

341

00:15:51,189 --> 00:15:49,199

the main course featuring grilled

342

00:15:54,310 --> 00:15:51,199

chicken southwestern corn and baked

343

00:15:57,910 --> 00:15:54,320

beans and the uh

344

00:15:59,590 --> 00:15:57,920

resistance will be apple pie for dessert

345

00:16:07,509 --> 00:15:59,600

the station crew will also have

346

00:16:12,389 --> 00:16:09,749

so this is an opportunity for the crew

347

00:16:15,509 --> 00:16:12,399

to take a break in what has been a very

348

00:16:18,470 --> 00:16:15,519

busy schedule uh punctuated uh primarily

349

00:16:20,710 --> 00:16:18,480

by cargo transfer activities uh before

350

00:16:23,990 --> 00:16:20,720

they have uh an opportunity to share

351

00:16:32,350 --> 00:16:24,000

each other's company for off-duty time

352

00:16:41,910 --> 00:16:35,829

wbbm tv this is mission control houston

353

00:16:41,920 --> 00:16:46,629

hello check can you hear me

354

00:16:51,350 --> 00:16:47,910

yes we can hear you loud and clear how

355

00:16:53,269 --> 00:16:51,360

do you hear the space station

356

00:16:55,189 --> 00:16:53,279

i can hear you perfectly wow that's

357

00:16:56,949 --> 00:16:55,199

amazing it's so good to see all of you i

358

00:16:58,790 --> 00:16:56,959

want to thank you for talking to us and

359

00:17:00,389 --> 00:16:58,800

i want to start by asking a question to

360

00:17:02,389 --> 00:17:00,399

sandra if possible because we know she's

361

00:17:04,470 --> 00:17:02,399

from down state illinois

362

00:17:09,429 --> 00:17:04,480

sandra how meaningful is it for you to

363

00:17:13,350 --> 00:17:11,270

well you know we were so focused on the

364

00:17:15,270 --> 00:17:13,360

launch uh the training during most of

365

00:17:16,870 --> 00:17:15,280

our preparation time i hadn't really

366

00:17:18,470 --> 00:17:16,880

thought about it but i will tell you

367

00:17:20,390 --> 00:17:18,480

it's an honor to be a part of any

368

00:17:22,549 --> 00:17:20,400

shuttle crew and this one is is really

369

00:17:24,470 --> 00:17:22,559

special because it is the last one

370

00:17:25,829 --> 00:17:24,480

and uh we're just very busy up here and

371

00:17:28,470 --> 00:17:25,839

i think it's going to hit us a little

372

00:17:30,549 --> 00:17:28,480

bit harder once we land uh there at the

373

00:17:33,110 --> 00:17:30,559

cape and have to say goodbye to atlantis

374

00:17:35,750 --> 00:17:33,120

for the last time

375

00:17:38,710 --> 00:17:35,760

so what happens personally for you and

376

00:17:41,270 --> 00:17:38,720

your careers what what is your next um

377

00:17:46,390 --> 00:17:41,280

operations involved without being able

378

00:17:51,669 --> 00:17:49,430

well that's it's not exactly uh correct

379

00:17:53,029 --> 00:17:51,679

i mean we have uh opportunities

380

00:17:55,270 --> 00:17:53,039

following this we're going to continue

381

00:17:57,430 --> 00:17:55,280

to crew the international space station

382

00:17:59,510 --> 00:17:57,440

for the next decade at least so we've

383

00:18:00,470 --> 00:17:59,520

got opportunities there to fly in space

384

00:18:01,909 --> 00:18:00,480

and then

385

00:18:04,630 --> 00:18:01,919

we've got some great opportunities on

386

00:18:06,950 --> 00:18:04,640

the ground as well uh supporting uh

387

00:18:08,470 --> 00:18:06,960

development of our next uh vehicle which

388

00:18:11,029 --> 00:18:08,480

is going to go beyond

389

00:18:13,510 --> 00:18:11,039

low earth orbit and then we also have

390

00:18:15,669 --> 00:18:13,520

you know a chance to to contribute with

391

00:18:17,430 --> 00:18:15,679

the commercial companies as they come

392

00:18:19,110 --> 00:18:17,440

online to build vehicles that are going

393

00:18:20,950 --> 00:18:19,120

to come to the international space

394

00:18:24,710 --> 00:18:20,960

station so there's there's going to be

395

00:18:29,110 --> 00:18:26,950

what is your advice for young people who

396

00:18:31,270 --> 00:18:29,120

are interested in moving into your

397

00:18:33,029 --> 00:18:31,280

profession and also just people in

398

00:18:35,029 --> 00:18:33,039

general who are interested in the space

399

00:18:40,070 --> 00:18:35,039

program with all the changes going on

400

00:18:43,510 --> 00:18:41,990

well certainly keep keep tuned in

401
00:18:46,310 --> 00:18:43,520
because a lot of exciting things are

402
00:18:47,750 --> 00:18:46,320
going on and for young people you know

403
00:18:49,830 --> 00:18:47,760
when we were all younger we dreamed of

404
00:18:53,270 --> 00:18:49,840
being astronauts and it seemed like a

405
00:18:54,870 --> 00:18:53,280
very remote chance or a remote idea

406
00:18:57,430 --> 00:18:54,880
but if you work really hard you

407
00:18:59,510 --> 00:18:57,440
persevere and you follow your dreams

408
00:19:01,430 --> 00:18:59,520
anything can happen and here we are

409
00:19:02,789 --> 00:19:01,440
testimony to that so i would advise any

410
00:19:04,789 --> 00:19:02,799
young person whether you're interested

411
00:19:06,150 --> 00:19:04,799
in being an astronaut or or being

412
00:19:07,750 --> 00:19:06,160
involved in the space program or

413
00:19:09,510 --> 00:19:07,760

whatever your dream is just give it a

414

00:19:12,870 --> 00:19:09,520

shot go for it believe in yourself work

415

00:19:16,230 --> 00:19:14,789

i know sandra mentioned before that you

416

00:19:17,510 --> 00:19:16,240

guys were very busy and didn't really

417

00:19:19,350 --> 00:19:17,520

have a lot of time to reflect but is

418

00:19:21,909 --> 00:19:19,360

there anybody who's feeling

419

00:19:30,310 --> 00:19:21,919

particularly nostalgic or sentimental

420

00:19:32,710 --> 00:19:31,750

well it's yeah as you know we are very

421

00:19:33,909 --> 00:19:32,720

busy and we're concentrating on a

422

00:19:35,590 --> 00:19:33,919

mission but every once in a while when

423

00:19:36,630 --> 00:19:35,600

it just quiets down for a minute yeah i

424

00:19:38,310 --> 00:19:36,640

remember sitting on the mid deck the

425

00:19:39,669 --> 00:19:38,320

other day and thinking wow this is the

426

00:19:42,390 --> 00:19:39,679

last time this vehicle is going to fly

427

00:19:44,230 --> 00:19:42,400

here we are in space so um just and and

428

00:19:46,310 --> 00:19:44,240

fleeting moments between being really

429

00:19:48,549 --> 00:19:46,320

busy you kind of think wow this is this

430

00:19:50,390 --> 00:19:48,559

is really it uh but boy it's going to

431

00:19:51,909 --> 00:19:50,400

hit when we uh when we land and we'll

432

00:19:53,510 --> 00:19:51,919

stop and when all the pressure's off of

433

00:19:56,150 --> 00:19:53,520

the mission and all the busyness is done

434

00:19:57,750 --> 00:19:56,160

we'll reflect back and uh and we'll

435

00:19:59,510 --> 00:19:57,760

realize that the the space shuttle has

436

00:20:01,029 --> 00:19:59,520

completed it's completed its mission and

437

00:20:03,029 --> 00:20:01,039

it's it's not a time for sense it's a

438

00:20:05,110 --> 00:20:03,039

time for celebration it's had a storied

439

00:20:07,750 --> 00:20:05,120

30-year career and we're very very proud

440

00:20:09,029 --> 00:20:07,760

of it and so i i plan on uh when we get

441

00:20:10,310 --> 00:20:09,039

back to the ground celebrating with

442

00:20:12,390 --> 00:20:10,320

everybody who's worked so hard on this

443

00:20:15,669 --> 00:20:12,400

program to uh to celebrate the great

444

00:20:17,430 --> 00:20:15,679

achievements over the last 30 years

445

00:20:18,950 --> 00:20:17,440

well thank you all so much for talking

446

00:20:20,789 --> 00:20:18,960

to us and thank you for the wonderful

447

00:20:25,110 --> 00:20:20,799

work that you've been doing for us on

448

00:20:30,950 --> 00:20:27,590

thank you very much we'll see you

449

00:20:34,230 --> 00:20:30,960

atlantis iss this is ktvutv can you hear

450

00:20:39,510 --> 00:20:35,590

yes space station read you loud and

451
00:20:43,350 --> 00:20:41,270
copy that

452
00:20:44,870 --> 00:20:43,360
we hear you good morning gentlemen thank

453
00:20:47,590 --> 00:20:44,880
you and

454
00:20:48,870 --> 00:20:47,600
ma'am for joining us this morning um

455
00:20:51,110 --> 00:20:48,880
tell us okay we've been talking about

456
00:20:52,789 --> 00:20:51,120
the barbecued chicken and the beans

457
00:20:54,789 --> 00:20:52,799
what what is that

458
00:20:56,549 --> 00:20:54,799
it's called thermostabilized tell us

459
00:20:59,669 --> 00:20:56,559
about the food how does it look how's it

460
00:21:03,430 --> 00:21:01,750
actually the food's pretty good

461
00:21:05,270 --> 00:21:03,440
some of it is sort of in the form of

462
00:21:06,789 --> 00:21:05,280
meals ready to eat that the military has

463
00:21:08,870 --> 00:21:06,799

where it's a pouch you just heat it up

464

00:21:11,510 --> 00:21:08,880

and and you eat it the thermal

465

00:21:13,029 --> 00:21:11,520

stabilized is in a dehydrated sort of

466

00:21:17,669 --> 00:21:13,039

form

467

00:21:19,990 --> 00:21:17,679

add water put it in the oven and heat it

468

00:21:21,909 --> 00:21:20,000

up and that's good to go as well and of

469

00:21:22,950 --> 00:21:21,919

course we have you know our special meal

470

00:21:25,350 --> 00:21:22,960

we're going to be sharing with the space

471

00:21:27,270 --> 00:21:25,360

station crew and and we'll be having a

472

00:21:29,510 --> 00:21:27,280

very nice time and reflecting you know

473

00:21:34,149 --> 00:21:29,520

we originally wanted it on july 4th but

474

00:21:38,149 --> 00:21:35,909

what would you say is the most

475

00:21:43,669 --> 00:21:38,159

significant contribution that the

476

00:21:47,110 --> 00:21:45,430

well i can definitely offer you one i

477

00:21:49,029 --> 00:21:47,120

think there were a number of great

478

00:21:50,950 --> 00:21:49,039

contributions to shuttle made but uh

479

00:21:52,710 --> 00:21:50,960

we're here talking to you from one of

480

00:21:54,230 --> 00:21:52,720

the one of the

481

00:21:55,190 --> 00:21:54,240

crowning achievements of the space

482

00:21:56,950 --> 00:21:55,200

shuttle program and that's the

483

00:21:59,190 --> 00:21:56,960

international space station you know the

484

00:22:01,430 --> 00:21:59,200

shuttle was integral in constructing

485

00:22:04,070 --> 00:22:01,440

building and putting all this together

486

00:22:06,710 --> 00:22:04,080

uh 210 miles above the surface of the

487

00:22:08,950 --> 00:22:06,720

earth so you know we we get to see this

488

00:22:11,590 --> 00:22:08,960

uh you know this work of art every day

489

00:22:14,149 --> 00:22:11,600

for the next uh several days and uh and

490

00:22:15,750 --> 00:22:14,159

it'll be here for years to come so

491

00:22:17,029 --> 00:22:15,760

definitely the space station is probably

492

00:22:19,830 --> 00:22:17,039

one of the greatest achievements of the

493

00:22:24,870 --> 00:22:21,990

thank you so much we are talking live to

494

00:22:26,789 --> 00:22:24,880

the astronauts there notice the cal cow

495

00:22:29,190 --> 00:22:26,799

fan in the back we appreciate that here

496

00:22:31,590 --> 00:22:29,200

in the bay area thank you very much for

497

00:22:34,950 --> 00:22:31,600

joining us have a safe trip home yes

498

00:22:34,960 --> 00:22:38,789

thank you so very much have a great day

499

00:22:44,470 --> 00:22:41,669

atlantis iss this is houston acr that

500

00:22:46,710 --> 00:22:44,480

concludes the ktvutv portion of the

501
00:22:48,470 --> 00:22:46,720
event please stand by for a voice check

502
00:22:49,830 --> 00:22:48,480
from wtxf

503
00:22:54,549 --> 00:22:49,840
tv

504
00:23:00,070 --> 00:22:56,549
hey it's uh it's great to be here my

505
00:23:01,830 --> 00:23:00,080
hometown of philly how you doing

506
00:23:04,470 --> 00:23:01,840
good that's great commander we're so

507
00:23:06,230 --> 00:23:04,480
happy and proud of you now we may talk

508
00:23:08,390 --> 00:23:06,240
to the rest of the crew too but we're

509
00:23:10,310 --> 00:23:08,400
going to concentrate on commander

510
00:23:12,230 --> 00:23:10,320
ferguson here we'll get to everybody

511
00:23:13,430 --> 00:23:12,240
eventually i'm trying to look at you and

512
00:23:16,230 --> 00:23:13,440
look at

513
00:23:19,190 --> 00:23:16,240

leather hair sticking straight up

514

00:23:20,630 --> 00:23:19,200

specialist magnus sandy magnus so

515

00:23:22,390 --> 00:23:20,640

chris ferguson

516

00:23:24,950 --> 00:23:22,400

when did you first

517

00:23:27,270 --> 00:23:24,960

get involved in space

518

00:23:29,510 --> 00:23:27,280

that's even better that's awesome

519

00:23:30,950 --> 00:23:29,520

you know philly's own willow or will

520

00:23:32,470 --> 00:23:30,960

smith's kid

521

00:23:33,750 --> 00:23:32,480

what's the thing with her song

522

00:23:34,950 --> 00:23:33,760

i whip my hair back and forth where's my

523

00:23:35,830 --> 00:23:34,960

hair back and forth that's the first

524

00:23:37,350 --> 00:23:35,840

time you've seen somebody with their

525

00:23:39,590 --> 00:23:37,360

hair back and forth from space anyway

526
00:23:41,669 --> 00:23:39,600
commander ferguson when did you first

527
00:23:45,590 --> 00:23:41,679
have the dream of going to space from

528
00:23:49,430 --> 00:23:47,510
oh i grew up in the northeast there i

529
00:23:51,110 --> 00:23:49,440
went to saint martha's grade school

530
00:23:52,390 --> 00:23:51,120
archbishop ryan high school and i think

531
00:23:54,549 --> 00:23:52,400
it was somewhere in there i had some

532
00:23:57,029 --> 00:23:54,559
real motivational teachers who got me

533
00:23:58,950 --> 00:23:57,039
interested in science and taught me a

534
00:24:00,549 --> 00:23:58,960
little bit about aviation i thought well

535
00:24:02,630 --> 00:24:00,559
you know maybe i'd like to fly airplanes

536
00:24:04,470 --> 00:24:02,640
someday one thing led to another i

537
00:24:05,909 --> 00:24:04,480
always had a fascination with the with

538
00:24:08,390 --> 00:24:05,919

the early astronauts and the apollo

539

00:24:10,149 --> 00:24:08,400

program and you know lo and behold you

540

00:24:11,510 --> 00:24:10,159

just uh you put your nose to the

541

00:24:12,789 --> 00:24:11,520

grindstone and you keep your dreams

542

00:24:15,029 --> 00:24:12,799

alive and you end up in interesting

543

00:24:17,269 --> 00:24:15,039

places someday

544

00:24:19,110 --> 00:24:17,279

you're here i'm telling you i've done a

545

00:24:21,590 --> 00:24:19,120

lot of these interviews as well a few of

546

00:24:24,230 --> 00:24:21,600

them from space the technology now is

547

00:24:26,149 --> 00:24:24,240

amazing the picture guys

548

00:24:28,549 --> 00:24:26,159

you look like you're in a studio maybe

549

00:24:30,630 --> 00:24:28,559

in omaha nebraska or something the shot

550

00:24:32,870 --> 00:24:30,640

is so clear is this a hoax are you

551
00:24:34,710 --> 00:24:32,880
really in space still

552
00:24:36,390 --> 00:24:34,720
are you really in space phil see the

553
00:24:37,430 --> 00:24:36,400
hair

554
00:24:43,830 --> 00:24:37,440
i don't know we're going to have to do

555
00:24:43,840 --> 00:24:47,909
oh yeah i can do that watch this

556
00:24:51,269 --> 00:24:49,590
can everybody float around for it that

557
00:24:53,669 --> 00:24:51,279
was really cool chris

558
00:24:57,830 --> 00:24:53,679
look at her

559
00:25:00,549 --> 00:24:57,840
i think i think sandy's hair is pretty

560
00:25:02,470 --> 00:25:00,559
much a dead giveaway

561
00:25:04,630 --> 00:25:02,480
it is oh there you go there's a pose for

562
00:25:07,830 --> 00:25:04,640
you right there

563
00:25:09,990 --> 00:25:07,840

that is so cool well which way is the is

564

00:25:14,630 --> 00:25:10,000

the space station are you standing are

565

00:25:18,390 --> 00:25:16,470

actually uh we're in uh we're in the

566

00:25:20,390 --> 00:25:18,400

japanese module right now this is one of

567

00:25:22,230 --> 00:25:20,400

several modules the space station is

568

00:25:23,990 --> 00:25:22,240

really it's an incredibly large uh

569

00:25:26,470 --> 00:25:24,000

vehicle it's uh weighs over a million

570

00:25:28,310 --> 00:25:26,480

pounds right now and uh you know if you

571

00:25:30,870 --> 00:25:28,320

have one of the unique opportunities

572

00:25:32,870 --> 00:25:30,880

like we have to you know

573

00:25:35,029 --> 00:25:32,880

be a thousand feet below and look up at

574

00:25:36,470 --> 00:25:35,039

this tremendous vehicle it is just all

575

00:25:38,230 --> 00:25:36,480

inspiring it's hard to believe that

576

00:25:41,190 --> 00:25:38,240

mankind has built this and we get to

577

00:25:42,470 --> 00:25:41,200

live in it for a couple weeks it's great

578

00:25:44,470 --> 00:25:42,480

you know every now and then you can see

579

00:25:45,990 --> 00:25:44,480

the space shuttle go over philadelphia

580

00:25:47,269 --> 00:25:46,000

what are you looking at right now like

581

00:25:51,110 --> 00:25:47,279

for instance right now where are you

582

00:25:54,149 --> 00:25:52,710

uh we're actually

583

00:25:55,909 --> 00:25:54,159

uh we're like i said we're floating in

584

00:25:57,350 --> 00:25:55,919

the japanese module which is one of the

585

00:25:59,029 --> 00:25:57,360

wings that sits off the side of the

586

00:26:00,870 --> 00:25:59,039

space station of course it's a series of

587

00:26:02,470 --> 00:26:00,880

tubes that stick together but when you

588

00:26:03,909 --> 00:26:02,480

see the space station fly over it's a

589

00:26:05,669 --> 00:26:03,919

very bright light what you're usually

590

00:26:07,590 --> 00:26:05,679

seeing is the reflection off the large

591

00:26:11,830 --> 00:26:07,600

solar arrays that are about 300 feet

592

00:26:14,950 --> 00:26:11,840

long so that's what you typically see

593

00:26:20,070 --> 00:26:14,960

yeah so where is the space station right

594

00:26:24,870 --> 00:26:22,950

wow that's a real good question we

595

00:26:26,870 --> 00:26:24,880

we actually have this uh real neat

596

00:26:28,470 --> 00:26:26,880

computer application that tells us where

597

00:26:30,310 --> 00:26:28,480

we are in the world because sometimes

598

00:26:32,870 --> 00:26:30,320

just by looking out the window you can't

599

00:26:34,950 --> 00:26:32,880

tell um but right now we don't have it

600

00:26:36,549 --> 00:26:34,960

up so honest to goodness we can't tell

601
00:26:38,070 --> 00:26:36,559
you where we are over the earth but if

602
00:26:39,990 --> 00:26:38,080
we went to a window we could find out

603
00:26:41,590 --> 00:26:40,000
well listen to this

604
00:26:43,750 --> 00:26:41,600
i've been told you're over the northeast

605
00:26:46,149 --> 00:26:43,760
atlantic

606
00:26:49,830 --> 00:26:46,159
you're just west of england

607
00:26:54,230 --> 00:26:52,310
fantastic you know rex here is just an

608
00:26:56,630 --> 00:26:54,240
expert in geography and all he has to go

609
00:26:58,789 --> 00:26:56,640
down to the cupola which is uh kind of

610
00:27:00,070 --> 00:26:58,799
like a fishbowl if you will to allow us

611
00:27:01,590 --> 00:27:00,080
to look out the bottom of the space

612
00:27:04,630 --> 00:27:01,600
station and rex can usually pick out

613
00:27:06,390 --> 00:27:04,640

exactly where we are at any given moment

614

00:27:09,029 --> 00:27:06,400

that's kind of cool i'll say did you

615

00:27:10,789 --> 00:27:09,039

take any tasty cakes uh tasty cakes up

616

00:27:12,630 --> 00:27:10,799

there and if you did which one do you

617

00:27:15,430 --> 00:27:12,640

like

618

00:27:17,029 --> 00:27:15,440

thing we're gonna do is maybe get sandy

619

00:27:18,230 --> 00:27:17,039

go back and open one of these windows

620

00:27:20,389 --> 00:27:18,240

behind us we'll let you look out the

621

00:27:22,710 --> 00:27:20,399

window a little bit did i take any tasty

622

00:27:27,909 --> 00:27:22,720

cakes unfortunately no but believe me i

623

00:27:31,990 --> 00:27:30,230

okay now we have some video of you of uh

624

00:27:34,070 --> 00:27:32,000

you folks eating breakfast what did you

625

00:27:37,510 --> 00:27:34,080

have for breakfast

626

00:27:38,549 --> 00:27:37,520

uh

627

00:27:40,230 --> 00:27:38,559

i'll tell you what let me pass the

628

00:27:41,990 --> 00:27:40,240

microphone around a little bit yeah this

629

00:27:44,950 --> 00:27:42,000

is doug hurley the pilot let's talk to

630

00:27:49,110 --> 00:27:47,350

uh let's see would i i had

631

00:27:50,950 --> 00:27:49,120

oatmeal with brown sugar this morning

632

00:27:52,870 --> 00:27:50,960

and i think uh

633

00:27:54,870 --> 00:27:52,880

somebody else had eggs and i don't

634

00:27:56,950 --> 00:27:54,880

remember what rex had a sausage patty

635

00:28:02,870 --> 00:27:56,960

and a sausage patty so you know pretty

636

00:28:07,669 --> 00:28:05,190

now we don't we a lot of our meals are

637

00:28:09,510 --> 00:28:07,679

kind of you know similar to military

638

00:28:11,110 --> 00:28:09,520

meals ready to eat so they're in pouches

639

00:28:13,590 --> 00:28:11,120

or bags and some of them you have to add

640

00:28:14,789 --> 00:28:13,600

water to and we have a a small oven in

641

00:28:17,590 --> 00:28:14,799

the shuttle

642

00:28:19,590 --> 00:28:17,600

where we can heat things up both

643

00:28:21,909 --> 00:28:19,600

you know food and we can get hot or cold

644

00:28:22,870 --> 00:28:21,919

water out of the dispenser right above

645

00:28:24,710 --> 00:28:22,880

it so

646

00:28:28,070 --> 00:28:24,720

it's a pretty nice setup and the food is

647

00:28:30,070 --> 00:28:28,080

uh is really really good

648

00:28:31,190 --> 00:28:30,080

sandy your face is turning red is is

649

00:28:32,549 --> 00:28:31,200

that the blood running for rushing to

650

00:28:37,110 --> 00:28:32,559

your head and what are you looking at

651
00:28:40,870 --> 00:28:39,029
a lot of water most of the time when you

652
00:28:43,029 --> 00:28:40,880
look out the window up here there's just

653
00:28:44,630 --> 00:28:43,039
a lot of water and occasionally you'll

654
00:28:46,549 --> 00:28:44,640
go over a continent

655
00:28:48,310 --> 00:28:46,559
you know only takes us 90 minutes to go

656
00:28:50,710 --> 00:28:48,320
around the world and so we get a sunset

657
00:28:52,630 --> 00:28:50,720
in the sunrise about every 45 minutes

658
00:28:54,310 --> 00:28:52,640
when you're over the sahara it's very

659
00:28:56,470 --> 00:28:54,320
very dramatic there's a lot of browns

660
00:28:58,149 --> 00:28:56,480
and oranges and tans and beiges it's

661
00:28:59,909 --> 00:28:58,159
really beautiful the caribbean is really

662
00:29:02,310 --> 00:28:59,919
beautiful but right now we just see a

663
00:29:03,269 --> 00:29:02,320

lot of water out the window

664

00:29:06,389 --> 00:29:03,279

yeah

665

00:29:09,029 --> 00:29:06,399

you know as bet miller once said

666

00:29:10,789 --> 00:29:09,039

from a distance

667

00:29:12,549 --> 00:29:10,799

no i won't sing so

668

00:29:14,389 --> 00:29:12,559

so i always wondered what you wear but

669

00:29:15,669 --> 00:29:14,399

we've had some uh people tweet us this

670

00:29:18,070 --> 00:29:15,679

morning wanted to know by the way

671

00:29:20,549 --> 00:29:18,080

congratulations they say to uh commander

672

00:29:22,630 --> 00:29:20,559

ferguson we're all proud of you uh

673

00:29:23,590 --> 00:29:22,640

everybody who ever went to archbishop

674

00:29:26,149 --> 00:29:23,600

ryan

675

00:29:27,110 --> 00:29:26,159

uh high school so that's one thing i'm

676

00:29:28,149 --> 00:29:27,120

not going to ask this but they always

677

00:29:29,750 --> 00:29:28,159

ask you how do you go to the bathroom

678

00:29:32,549 --> 00:29:29,760

stuff like that you want a notion my

679

00:29:34,630 --> 00:29:32,559

co-anchor chanel marie jones

680

00:29:36,230 --> 00:29:34,640

wants to know

681

00:29:39,990 --> 00:29:36,240

how do you go to the bathroom you go in

682

00:29:44,310 --> 00:29:42,149

let's just say it involves airflow

683

00:29:48,630 --> 00:29:44,320

rather than gravity i will just leave it

684

00:29:48,640 --> 00:29:54,470

on a gentle little breeze

685

00:29:57,669 --> 00:29:55,750

thank you all very much well we didn't

686

00:29:59,430 --> 00:29:57,679

talk to rex uh all right thank you all

687

00:30:00,789 --> 00:29:59,440

very much and con congratulations

688

00:30:05,269 --> 00:30:00,799

especially to our commander chris

689

00:30:08,389 --> 00:30:06,710

hello my family and friends in

690

00:30:12,710 --> 00:30:08,399

philadelphia drexel university

691

00:30:14,710 --> 00:30:12,720

archbishop ryan go philly that's right

692

00:30:16,389 --> 00:30:14,720

can i tell you i'm not even kidding this

693

00:30:22,389 --> 00:30:16,399

makes me want to go back to school and

694

00:30:27,350 --> 00:30:24,389

iss this is houston thanks so much folks