



1
00:00:05,269 --> 00:00:02,950
cbs radio this is mission control

2
00:00:07,590 --> 00:00:05,279
houston please call the atlantis crew on

3
00:00:10,070 --> 00:00:07,600
iss for a voice check hey good morning

4
00:00:12,470 --> 00:00:10,080
atlantis crew this is cbs news radio at

5
00:00:15,589 --> 00:00:12,480
kennedy space center how do you hear us

6
00:00:17,590 --> 00:00:15,599
we have you loud and clear at the

7
00:00:19,910 --> 00:00:17,600
kennedy space center well good morning

8
00:00:21,830 --> 00:00:19,920
uh commander chris ferguson pilot marine

9
00:00:24,310 --> 00:00:21,840
troll doug hurley it's peter king and

10
00:00:26,390 --> 00:00:24,320
bill harwood at ksc and bill's got our

11
00:00:27,750 --> 00:00:26,400
first question well it's just an obvious

12
00:00:29,830 --> 00:00:27,760
question right off the bat guys first of

13
00:00:31,750 --> 00:00:29,840

all great to see you again uh yeah i

14

00:00:33,270 --> 00:00:31,760

know you got gpc4 back up and running

15

00:00:35,190 --> 00:00:33,280

can you give us some sense of how that's

16

00:00:36,790 --> 00:00:35,200

doing and you're confident that that

17

00:00:38,389 --> 00:00:36,800

guy's gonna hang in there you're

18

00:00:40,869 --> 00:00:38,399

confident that that guy's gonna hang in

19

00:00:42,069 --> 00:00:40,879

there uh well it actually failed last

20

00:00:44,549 --> 00:00:42,079

night i think it was about an hour and a

21

00:00:45,510 --> 00:00:44,559

half after we fell asleep the alarm went

22

00:00:46,229 --> 00:00:45,520

off

23

00:00:50,709 --> 00:00:46,239

and

24

00:00:52,549 --> 00:00:50,719

had that uh had that bright-eyed sort of

25

00:00:54,150 --> 00:00:52,559

bushy-tailed look and

26

00:00:55,189 --> 00:00:54,160

raced up to the flight deck

27

00:00:56,630 --> 00:00:55,199

i'll tell you the folks on the ground

28

00:00:58,310 --> 00:00:56,640

did a nice job helping us get through

29

00:00:59,750 --> 00:00:58,320

that we brought up another gpc to help

30

00:01:02,630 --> 00:00:59,760

us out with the functions that 4 was

31

00:01:04,390 --> 00:01:02,640

produced that was performing and

32

00:01:06,149 --> 00:01:04,400

we we got it hopefully back up and

33

00:01:07,990 --> 00:01:06,159

running this morning so it's hanging in

34

00:01:10,070 --> 00:01:08,000

there and we're we're confident it's

35

00:01:12,390 --> 00:01:10,080

going to work for entry for us commander

36

00:01:14,390 --> 00:01:12,400

nasa audio has asked us to ask you to

37

00:01:16,550 --> 00:01:14,400

turn off the pike every time you finish

38

00:01:17,830 --> 00:01:16,560

your answer

39

00:01:19,830 --> 00:01:17,840

this year

40

00:01:21,590 --> 00:01:19,840

thanks and uh it's bill harwood again

41

00:01:23,109 --> 00:01:21,600

and i want to shift gears i mean that's

42

00:01:24,710 --> 00:01:23,119

the nuts and bolts of the computer thing

43

00:01:27,510 --> 00:01:24,720

this morning but you know i was driving

44

00:01:29,429 --> 00:01:27,520

in this morning and i wonder if you guys

45

00:01:30,870 --> 00:01:29,439

if the reality of this is set in you've

46

00:01:32,390 --> 00:01:30,880

been asked these questions a million

47

00:01:34,550 --> 00:01:32,400

times about this being the last shuttle

48

00:01:36,069 --> 00:01:34,560

flight the end of an era and all of that

49

00:01:37,510 --> 00:01:36,079

you've been so focused on the mission i

50

00:01:38,710 --> 00:01:37,520

doubt you spent a lot of time thinking

51
00:01:40,149 --> 00:01:38,720
about that but

52
00:01:41,910 --> 00:01:40,159
you're the tip of the spear and i think

53
00:01:43,510 --> 00:01:41,920
a lot of folks will be curious i mean is

54
00:01:47,670 --> 00:01:43,520
is this something that sunk in yet that

55
00:01:50,069 --> 00:01:48,950
well you know i'll tell you bill we

56
00:01:52,469 --> 00:01:50,079
talked a little bit about this

57
00:01:54,069 --> 00:01:52,479
pre-mission but uh as we uh you know of

58
00:01:55,510 --> 00:01:54,079
course we got a busy timeline and

59
00:01:57,270 --> 00:01:55,520
there's not a whole lot of time to think

60
00:01:58,950 --> 00:01:57,280
about it but we realize as we go from

61
00:02:00,149 --> 00:01:58,960
module to module here i mean literally

62
00:02:02,310 --> 00:02:00,159
we've reached the point where we're

63
00:02:03,910 --> 00:02:02,320

saying okay it's the last train out of

64

00:02:06,149 --> 00:02:03,920

town is there anything else that needs

65

00:02:08,229 --> 00:02:06,159

to go back uh to uh to the kennedy space

66

00:02:10,229 --> 00:02:08,239

center back to houston before the before

67

00:02:12,070 --> 00:02:10,239

the shuttle program wraps up here and

68

00:02:14,070 --> 00:02:12,080

when you say things like that i think

69

00:02:15,670 --> 00:02:14,080

the reality of it really begins to sink

70

00:02:17,990 --> 00:02:15,680

in you know this is really the last

71

00:02:19,589 --> 00:02:18,000

train out of town and uh you know of

72

00:02:21,589 --> 00:02:19,599

course uh we're gonna stay focused and

73

00:02:22,949 --> 00:02:21,599

very busy up until we undock but uh you

74

00:02:24,390 --> 00:02:22,959

know it's beginning to sink in i

75

00:02:26,630 --> 00:02:24,400

mentioned that to you earlier that i

76

00:02:27,750 --> 00:02:26,640

don't think the full uh magnitude of

77

00:02:29,830 --> 00:02:27,760

everything is really going to hit us

78

00:02:31,589 --> 00:02:29,840

until after the wheel stop

79

00:02:33,030 --> 00:02:31,599

this is peter and following up on that

80

00:02:34,550 --> 00:02:33,040

question you know everybody has asked

81

00:02:36,309 --> 00:02:34,560

every question under the sun about what

82

00:02:38,309 --> 00:02:36,319

it feels like to be flying this last

83

00:02:40,550 --> 00:02:38,319

mission i'm just wondering from both of

84

00:02:46,229 --> 00:02:40,560

you does this feel any different than

85

00:02:49,110 --> 00:02:48,150

yeah that's a that's a good question

86

00:02:50,390 --> 00:02:49,120

peter

87

00:02:51,670 --> 00:02:50,400

you know for me

88

00:02:54,309 --> 00:02:51,680

uh

89

00:02:58,229 --> 00:02:54,319

my last mission my only mission was sds

90

00:02:59,430 --> 00:02:58,239

127 2ja we it was a 16 day mission it

91

00:03:01,270 --> 00:02:59,440

was uh

92

00:03:03,670 --> 00:03:01,280

five evas

93

00:03:06,790 --> 00:03:03,680

and i honestly think this one has been

94

00:03:09,030 --> 00:03:06,800

busier which is uh which which surprises

95

00:03:10,630 --> 00:03:09,040

me a little bit uh and and i you know

96

00:03:12,869 --> 00:03:10,640

the obvious reason is we have three less

97

00:03:16,390 --> 00:03:12,879

sets of hands to to help out and i think

98

00:03:21,509 --> 00:03:16,400

that for me is the biggest surprise

99

00:03:25,270 --> 00:03:23,670

well i'll tell you uh after uh after

100

00:03:26,949 --> 00:03:25,280

getting back here it is it's a very

101
00:03:29,110 --> 00:03:26,959
familiar environment this is the third

102
00:03:31,110 --> 00:03:29,120
time i've been here um

103
00:03:32,470 --> 00:03:31,120
and i'd have to say i agree with doug to

104
00:03:34,229 --> 00:03:32,480
a certain extent this has been

105
00:03:35,750 --> 00:03:34,239
incredibly busy

106
00:03:38,149 --> 00:03:35,760
when there's a free moment usually you

107
00:03:40,149 --> 00:03:38,159
can run over the mplm or our cargo

108
00:03:42,390 --> 00:03:40,159
module and you can always find something

109
00:03:44,630 --> 00:03:42,400
to do and uh even when there's nothing

110
00:03:46,789 --> 00:03:44,640
to do in the mplm we can go back to the

111
00:03:48,149 --> 00:03:46,799
closet which is the permanent logistics

112
00:03:49,670 --> 00:03:48,159
module that they have here and you can

113
00:03:51,750 --> 00:03:49,680

always help them reorganize here so

114

00:03:53,429 --> 00:03:51,760

there there is an awful lot of work left

115

00:03:54,789 --> 00:03:53,439

to do here and the days you know it's

116

00:03:56,309 --> 00:03:54,799

been hard to believe it's been almost a

117

00:03:59,350 --> 00:03:56,319

week since we launched and the days are

118

00:04:00,949 --> 00:03:59,360

just clicking by so uh we're

119

00:04:02,550 --> 00:04:00,959

we got a lot to do in the next few days

120

00:04:04,070 --> 00:04:02,560

but we're looking forward to undocking

121

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

and especially that great view of the

122

00:04:09,030 --> 00:04:06,720

fly around and i guess my question uh to

123

00:04:11,670 --> 00:04:09,040

follow that up with is is staying so

124

00:04:13,429 --> 00:04:11,680

busy keeping you from from thinking

125

00:04:15,110 --> 00:04:13,439

about you know what this all means at

126

00:04:18,789 --> 00:04:15,120

this point you're just concentrated on

127

00:04:22,469 --> 00:04:20,310

yeah that's actually a really good

128

00:04:24,790 --> 00:04:22,479

summary you know we're kind of in the on

129

00:04:27,189 --> 00:04:24,800

orbit mode right here now uh in that

130

00:04:29,030 --> 00:04:27,199

light just a few days ago we were asked

131

00:04:31,189 --> 00:04:29,040

to downlink a few

132

00:04:32,790 --> 00:04:31,199

videos that i think were embargoed on

133

00:04:34,469 --> 00:04:32,800

the ground which means they'll be for

134

00:04:35,670 --> 00:04:34,479

future playback but they're all to

135

00:04:37,350 --> 00:04:35,680

commemorate

136

00:04:38,790 --> 00:04:37,360

the shuttle program

137

00:04:40,150 --> 00:04:38,800

of course there's a lot of folks that

138

00:04:41,830 --> 00:04:40,160

we've worked with throughout the years

139

00:04:43,110 --> 00:04:41,840

both at the kennedy space center and at

140

00:04:45,590 --> 00:04:43,120

the johnson space center who will

141

00:04:46,950 --> 00:04:45,600

shortly uh be losing their jobs and to

142

00:04:49,350 --> 00:04:46,960

to thank them for everything they've

143

00:04:50,950 --> 00:04:49,360

done so we have those sobering events uh

144

00:04:53,189 --> 00:04:50,960

peppered throughout our timeline that

145

00:04:55,189 --> 00:04:53,199

help us uh you know remind us that uh

146

00:04:56,790 --> 00:04:55,199

that this is really uh this is just

147

00:04:58,710 --> 00:04:56,800

about it

148

00:05:00,469 --> 00:04:58,720

commanders bill harwood again you just

149

00:05:01,990 --> 00:05:00,479

brought a point up to me the uh i just

150

00:05:03,350 --> 00:05:02,000

got back from the johnson space center

151
00:05:05,029 --> 00:05:03,360
where i've been for several days and i

152
00:05:06,790 --> 00:05:05,039
have to tell you the mood there is

153
00:05:08,310 --> 00:05:06,800
silver is probably putting it

154
00:05:10,230 --> 00:05:08,320
optimistically i mean it's pretty

155
00:05:12,230 --> 00:05:10,240
depressed i think there's a feeling of

156
00:05:13,830 --> 00:05:12,240
abandonment perhaps it's not so much the

157
00:05:15,189 --> 00:05:13,840
end of shuttle but the gap before

158
00:05:16,469 --> 00:05:15,199
there's going to be anything else what

159
00:05:17,909 --> 00:05:16,479
do you what do you have to say to those

160
00:05:19,430 --> 00:05:17,919
guys all the folks who've trained you

161
00:05:21,430 --> 00:05:19,440
have put these missions together over

162
00:05:26,390 --> 00:05:21,440
the years and made it happen

163
00:05:30,629 --> 00:05:27,510

you know uh

164

00:05:32,310 --> 00:05:30,639

bill we were talking to a few folks

165

00:05:34,070 --> 00:05:32,320

with some of our commercial providers

166

00:05:35,909 --> 00:05:34,080

here at the kennedy space center just a

167

00:05:37,830 --> 00:05:35,919

couple weeks before launch and i was

168

00:05:40,310 --> 00:05:37,840

actually very encouraged to hear that

169

00:05:42,629 --> 00:05:40,320

there's some hardware for uh for

170

00:05:44,150 --> 00:05:42,639

the orion mpcv that's due for delivery

171

00:05:45,430 --> 00:05:44,160

at the kennedy space center soon you

172

00:05:47,510 --> 00:05:45,440

know of course we have a commercial

173

00:05:49,749 --> 00:05:47,520

folks at spacex

174

00:05:52,230 --> 00:05:49,759

and the other corporations working on

175

00:05:54,390 --> 00:05:52,240

plans as well so i think that that that

176

00:05:55,990 --> 00:05:54,400

sobering attitude that you may sense is

177

00:05:57,830 --> 00:05:56,000

a really just a prelude you know

178

00:05:58,950 --> 00:05:57,840

everybody realizes the shuttle program

179

00:06:01,430 --> 00:05:58,960

everything they've worked on for the

180

00:06:03,189 --> 00:06:01,440

last 30 years is coming to a close but

181

00:06:05,350 --> 00:06:03,199

you know by and large we have something

182

00:06:07,189 --> 00:06:05,360

right behind it and i think once we can

183

00:06:09,749 --> 00:06:07,199

finally get over the fact that the

184

00:06:11,830 --> 00:06:09,759

shuttle is gone and and it's its day has

185

00:06:13,350 --> 00:06:11,840

come i believe we'll begin to pick up

186

00:06:15,350 --> 00:06:13,360

the pieces and everyone will see that we

187

00:06:16,790 --> 00:06:15,360

really do have some vibrant programs out

188

00:06:18,870 --> 00:06:16,800

there that we're working on so i know

189

00:06:20,390 --> 00:06:18,880

it's tough but you know it's it's kind

190

00:06:21,909 --> 00:06:20,400

of one of those wake type things you

191

00:06:23,510 --> 00:06:21,919

have to come to terms with the end

192

00:06:24,629 --> 00:06:23,520

before you can really put on a new

193

00:06:27,270 --> 00:06:24,639

beginning

194

00:06:29,430 --> 00:06:27,280

uh commander ferguson and uh pilot doug

195

00:06:31,189 --> 00:06:29,440

hurley thank you so much for the answers

196

00:06:33,270 --> 00:06:31,199

this morning safe rest of the flight we

197

00:06:38,150 --> 00:06:33,280

look forward to your safe return here to

198

00:06:43,909 --> 00:06:41,110

thanks so much for spending time with us

199

00:06:46,070 --> 00:06:43,919

atlantis iss this is houston acr that

200

00:06:48,390 --> 00:06:46,080

concludes the cbs radio portion of the

201
00:07:00,629 --> 00:06:48,400
event please stand by for a voice check

202
00:07:07,350 --> 00:07:02,150
crew this is philadelphia can you hear

203
00:07:10,309 --> 00:07:08,870
hey philadelphia we have you loud and

204
00:07:14,070 --> 00:07:10,319
clear aboard the international space

205
00:07:19,830 --> 00:07:14,950
well

206
00:07:26,629 --> 00:07:22,070
that's great to see you kyw how's all my

207
00:07:36,550 --> 00:07:28,790
terrific you'll be speaking with yuki

208
00:07:36,560 --> 00:07:44,230
and by we're 10 seconds away

209
00:07:48,390 --> 00:07:45,749
well the space shuttle atlantis is the

210
00:07:50,070 --> 00:07:48,400
final shuttle mission and it's in orbit

211
00:07:51,350 --> 00:07:50,080
with the international space station

212
00:07:52,950 --> 00:07:51,360
right now and as you know shuttle

213
00:07:55,430 --> 00:07:52,960

commander chris ferguson graduated from

214

00:07:57,350 --> 00:07:55,440

archbishop ryan high school and drexel

215

00:07:59,430 --> 00:07:57,360

university chris and the shuttle's pilot

216

00:08:01,589 --> 00:07:59,440

doug hurley join us live now from the

217

00:08:03,189 --> 00:08:01,599

international space station to talk

218

00:08:07,670 --> 00:08:03,199

about the mission and how it's going

219

00:08:11,110 --> 00:08:09,270

hey good morning to all our folks in

220

00:08:12,550 --> 00:08:11,120

philadelphia how are you doing

221

00:08:15,270 --> 00:08:12,560

there you go

222

00:08:17,430 --> 00:08:15,280

not bad doing fantastic please assess

223

00:08:19,189 --> 00:08:17,440

the mission thus far how it's going

224

00:08:22,950 --> 00:08:19,199

everything going to plan so great to see

225

00:08:26,950 --> 00:08:24,710

oh absolutely we've had we've had a

226

00:08:28,550 --> 00:08:26,960

great time up here uh from the the last

227

00:08:30,150 --> 00:08:28,560

that the ground control folks told us

228

00:08:32,469 --> 00:08:30,160

we're well ahead in what we call

229

00:08:34,310 --> 00:08:32,479

transfer the very act of getting all of

230

00:08:36,149 --> 00:08:34,320

our cargo the ten thousand pounds of

231

00:08:37,670 --> 00:08:36,159

food and supplies that we brought up to

232

00:08:39,670 --> 00:08:37,680

sustain the international space station

233

00:08:41,589 --> 00:08:39,680

we're well ahead in in transferring that

234

00:08:43,430 --> 00:08:41,599

over so uh i'm happy we've had some

235

00:08:45,350 --> 00:08:43,440

minor glitches with our general purpose

236

00:08:46,949 --> 00:08:45,360

computers but we're recovering from them

237

00:08:48,389 --> 00:08:46,959

as well so yeah you know if i had to

238

00:08:51,190 --> 00:08:48,399

summarize i think the mission is going

239

00:08:55,030 --> 00:08:53,670

well chris uh uk and i were joking that

240

00:08:56,790 --> 00:08:55,040

we read that you guys got a chance to

241

00:08:58,310 --> 00:08:56,800

sleep in for about an hour and we were

242

00:08:59,350 --> 00:08:58,320

joking that we could not sleep in if we

243

00:09:04,389 --> 00:08:59,360

knew that something was wrong with the

244

00:09:07,910 --> 00:09:05,829

well the first thing they had us do

245

00:09:09,509 --> 00:09:07,920

after we woke up was get to work trying

246

00:09:11,190 --> 00:09:09,519

to fix it so uh

247

00:09:13,110 --> 00:09:11,200

i'll tell you we got a great support

248

00:09:15,030 --> 00:09:13,120

team on in houston on ground control

249

00:09:16,710 --> 00:09:15,040

there and they did a great job we got

250

00:09:18,389 --> 00:09:16,720

the computer up and running and we think

251

00:09:22,470 --> 00:09:18,399

it's going to work good for uh re-entry

252

00:09:27,430 --> 00:09:24,470

now doug i understand that you are from

253

00:09:29,190 --> 00:09:27,440

new york how does a new york area fan

254

00:09:31,350 --> 00:09:29,200

get along with a philadelphia area

255

00:09:36,310 --> 00:09:31,360

sports fan up there in tight quarters in

256

00:09:40,070 --> 00:09:38,470

uh it's going pretty well we've we've

257

00:09:42,230 --> 00:09:40,080

had a couple discussions about the

258

00:09:44,470 --> 00:09:42,240

yankees and the phillies but uh nothing

259

00:09:47,750 --> 00:09:44,480

nothing that resulted in any fisticuffs

260

00:09:51,670 --> 00:09:49,430

all right let's keep it that way and

261

00:09:54,389 --> 00:09:51,680

gentlemen when the shuttle lands and

262

00:09:57,430 --> 00:09:54,399

this thing is all over what's the next

263

00:09:58,710 --> 00:09:57,440

step in in space exploration and what do

264

00:10:04,230 --> 00:09:58,720

you think and what do you want your

265

00:10:08,069 --> 00:10:06,550

well there's a lot going on uh you know

266

00:10:09,829 --> 00:10:08,079

we're going to continue to man the

267

00:10:12,389 --> 00:10:09,839

international space station at least for

268

00:10:13,990 --> 00:10:12,399

the next decade so we've got folks

269

00:10:16,230 --> 00:10:14,000

training and working there so there's an

270

00:10:18,230 --> 00:10:16,240

opportunity to fly again in space doing

271

00:10:18,949 --> 00:10:18,240

that we've also

272

00:10:21,910 --> 00:10:18,959

got

273

00:10:23,590 --> 00:10:21,920

our orion mpcv uh

274

00:10:26,310 --> 00:10:23,600

crew vehicle that we're working on at

275

00:10:28,389 --> 00:10:26,320

nasa we've got commercial providers uh

276

00:10:29,990 --> 00:10:28,399

eventually working on uh commercial

277

00:10:32,310 --> 00:10:30,000

transportation to and from the

278

00:10:34,069 --> 00:10:32,320

international space station and uh you

279

00:10:35,910 --> 00:10:34,079

know i think chris and i just you know

280

00:10:37,910 --> 00:10:35,920

we would like to contribute wherever we

281

00:10:40,150 --> 00:10:37,920

can we love the space business uh you

282

00:10:42,150 --> 00:10:40,160

know we've flown our entire lives and uh

283

00:10:44,710 --> 00:10:42,160

we'd like to continue uh supporting that

284

00:10:48,069 --> 00:10:46,310

beautiful chris we just have to sort of

285

00:10:49,910 --> 00:10:48,079

double check something yuki had some

286

00:10:52,389 --> 00:10:49,920

people talking to him on facebook and

287

00:10:54,470 --> 00:10:52,399

they mentioned that you may have talked

288

00:10:58,829 --> 00:10:54,480

at the youtube concert yesterday did you

289

00:11:04,870 --> 00:11:02,630

fan i actually i'm a huge youtube fan

290

00:11:07,990 --> 00:11:04,880

and uh i don't know if we talked at the

291

00:11:10,150 --> 00:11:08,000

u2 concert but we did have uh there has

292

00:11:12,069 --> 00:11:10,160

been youtube's been a huge

293

00:11:13,509 --> 00:11:12,079

uh proponent of the space program and i

294

00:11:15,269 --> 00:11:13,519

know that they've been involved with

295

00:11:17,829 --> 00:11:15,279

uplinks and downlinks many times in the

296

00:11:21,670 --> 00:11:20,150

that's fantastic and before we go

297

00:11:23,430 --> 00:11:21,680

i know of course we've all said that

298

00:11:25,190 --> 00:11:23,440

you've graduated archbishop ryan high

299

00:11:26,470 --> 00:11:25,200

school drexel university and when it

300

00:11:29,269 --> 00:11:26,480

comes to those two schools and your

301
00:11:30,870 --> 00:11:29,279
family how did that moment those moments

302
00:11:35,829 --> 00:11:30,880
back then prepare you for what's going

303
00:11:39,190 --> 00:11:37,670
i got a wonderful education there in

304
00:11:41,350 --> 00:11:39,200
philadelphia that's where i developed a

305
00:11:43,269 --> 00:11:41,360
love of science and math drexel

306
00:11:45,269 --> 00:11:43,279
university and actually i have a little

307
00:11:47,430 --> 00:11:45,279
piece of the fells planetarium from the

308
00:11:49,670 --> 00:11:47,440
franklin institute on board so all

309
00:11:51,509 --> 00:11:49,680
places i love to spend time when i was a

310
00:11:53,910 --> 00:11:51,519
child and developed like i said a love

311
00:11:55,910 --> 00:11:53,920
of flying and a love of math and science

312
00:11:59,670 --> 00:11:55,920
so it's a great city great city for

313
00:12:03,269 --> 00:12:01,670

oh gentlemen we thank you so much for

314

00:12:04,870 --> 00:12:03,279

your efforts and your contributions to

315

00:12:06,790 --> 00:12:04,880

the space program to you and the team

316

00:12:09,030 --> 00:12:06,800

and the rest of every everyone up there

317

00:12:10,790 --> 00:12:09,040

continued success and keep those yankees

318

00:12:12,069 --> 00:12:10,800

phillies conversations to a minimum

319

00:12:13,910 --> 00:12:12,079

we'll see you when you get back down on

320

00:12:16,870 --> 00:12:13,920

terra farmer take care godspeed take

321

00:12:16,880 --> 00:12:20,310

have a great day

322

00:12:25,590 --> 00:12:23,269

atlantis iss this is houston acr that

323

00:12:27,590 --> 00:12:25,600

concludes the kyw tv portion of the

324

00:12:29,509 --> 00:12:27,600

event please stand by for a voice check

325

00:12:31,829 --> 00:12:29,519

from the associated press

326

00:12:36,470 --> 00:12:31,839

atlanta station this is the associated

327

00:12:39,430 --> 00:12:37,750

we have you loud and clear aboard the

328

00:12:41,430 --> 00:12:39,440

international space station

329

00:12:43,030 --> 00:12:41,440

well good morning uh

330

00:12:45,509 --> 00:12:43,040

talking to you from the kennedy space

331

00:12:47,829 --> 00:12:45,519

center today my first question for you

332

00:12:49,990 --> 00:12:47,839

commander i'm wondering how unsettling

333

00:12:52,629 --> 00:12:50,000

was it to be awakened by the alarms last

334

00:12:54,150 --> 00:12:52,639

night and how worried are you about the

335

00:12:55,670 --> 00:12:54,160

general state of the computers

336

00:12:59,509 --> 00:12:55,680

considering this is the second such

337

00:13:02,870 --> 00:13:01,509

yeah it's kind of interesting uh you

338

00:13:05,269 --> 00:13:02,880

know of course the alarm went off about

339

00:13:06,310 --> 00:13:05,279

an hour or so after we fell asleep and i

340

00:13:08,470 --> 00:13:06,320

think that that's when you're in your

341

00:13:10,310 --> 00:13:08,480

deepest state of sleep so we all woke up

342

00:13:12,069 --> 00:13:10,320

and looked at one another and you know

343

00:13:13,509 --> 00:13:12,079

we're wondering really what was going on

344

00:13:14,629 --> 00:13:13,519

but we were up in the flight deck in no

345

00:13:16,230 --> 00:13:14,639

time and

346

00:13:17,590 --> 00:13:16,240

i'll tell you the ground support team on

347

00:13:18,949 --> 00:13:17,600

the ground there

348

00:13:21,110 --> 00:13:18,959

you know the orbit three shift who

349

00:13:23,430 --> 00:13:21,120

usually works while we're sleeping they

350

00:13:25,110 --> 00:13:23,440

were all over the problem and they had

351

00:13:26,710 --> 00:13:25,120

us put some corrective action and we

352

00:13:29,190 --> 00:13:26,720

were back in bed in probably about a

353

00:13:29,990 --> 00:13:29,200

half hour or so and then this morning

354

00:13:33,990 --> 00:13:30,000

we

355

00:13:35,590 --> 00:13:34,000

control folks in houston uh got that

356

00:13:37,110 --> 00:13:35,600

general purpose computer up and running

357

00:13:38,870 --> 00:13:37,120

so we're out very optimistic it's going

358

00:13:40,629 --> 00:13:38,880

to work for entry of course we had an

359

00:13:41,910 --> 00:13:40,639

earlier problem with one of our gpcs as

360

00:13:43,670 --> 00:13:41,920

well so

361

00:13:45,110 --> 00:13:43,680

we're doing well here and i'm confident

362

00:13:47,189 --> 00:13:45,120

everything's going to look good when we

363

00:13:49,189 --> 00:13:47,199

undock in a couple days

364

00:13:51,189 --> 00:13:49,199

well thank you i know the two crews

365

00:13:53,030 --> 00:13:51,199

gathered last night aboard atlantis for

366

00:13:54,790 --> 00:13:53,040

a special dinner was that the

367

00:13:57,430 --> 00:13:54,800

all-american meal with the chicken and

368

00:13:58,949 --> 00:13:57,440

beef brisket and was there any chat

369

00:14:00,310 --> 00:13:58,959

during the dinner about this being the

370

00:14:01,750 --> 00:14:00,320

last shuttle flight i'm just wondering

371

00:14:09,509 --> 00:14:01,760

if that sort of put a damper on the

372

00:14:12,790 --> 00:14:10,550

actually

373

00:14:14,790 --> 00:14:12,800

you know first of all it was a fantastic

374

00:14:16,870 --> 00:14:14,800

meal we shared it with our

375

00:14:19,590 --> 00:14:16,880

our american uh japanese and russian

376

00:14:21,030 --> 00:14:19,600

counterparts uh on the mid-deck and uh

377

00:14:22,629 --> 00:14:21,040

you know we're we're friends from a long

378

00:14:25,110 --> 00:14:22,639

time back so we shared you know more

379

00:14:27,110 --> 00:14:25,120

memories of uh of our early years in the

380

00:14:28,470 --> 00:14:27,120

astronaut office we it's one of the few

381

00:14:30,710 --> 00:14:28,480

opportunities we get to talk to our

382

00:14:32,710 --> 00:14:30,720

russian partners and and uh share

383

00:14:34,870 --> 00:14:32,720

experiences that we've had in common

384

00:14:36,949 --> 00:14:34,880

with spacewalks and uh some of the

385

00:14:39,110 --> 00:14:36,959

operations that we've done together um

386

00:14:41,350 --> 00:14:39,120

we did reminisce a little bit about

387

00:14:42,790 --> 00:14:41,360

the upcoming end of the the the shuttle

388

00:14:44,389 --> 00:14:42,800

program as a matter of fact i do recall

389

00:14:45,910 --> 00:14:44,399

saying hey you know this is the last

390

00:14:47,990 --> 00:14:45,920

joint meal that we're ever going to have

391

00:14:49,990 --> 00:14:48,000

aboard a space shuttle and

392

00:14:52,389 --> 00:14:50,000

you know we all it's it's a little bit

393

00:14:54,470 --> 00:14:52,399

of a a sobering somber moment but at the

394

00:14:56,949 --> 00:14:54,480

same time we're extremely fortunate to

395

00:14:58,949 --> 00:14:56,959

have had 37 missions i think to the

396

00:15:01,189 --> 00:14:58,959

international space station now so we're

397

00:15:03,110 --> 00:15:01,199

very lucky to have done this

398

00:15:07,750 --> 00:15:03,120

and was that the all-american meal you

399

00:15:11,590 --> 00:15:09,910

absolutely uh i think it included like

400

00:15:13,590 --> 00:15:11,600

you said chicken beef brisket there was

401

00:15:15,189 --> 00:15:13,600

a lot of corn on the menu we had some

402

00:15:17,590 --> 00:15:15,199

great appetizers and then we had good

403

00:15:20,470 --> 00:15:17,600

old-fashioned apple pie for dessert

404

00:15:22,150 --> 00:15:20,480

well that sounds pretty good for space

405

00:15:24,949 --> 00:15:22,160

another question for either of you or

406

00:15:27,269 --> 00:15:24,959

both yesterday nasa announced that steve

407

00:15:29,350 --> 00:15:27,279

lindsay's last day at work is today and

408

00:15:31,430 --> 00:15:29,360

i'm wondering do you anticipate a lot

409

00:15:33,509 --> 00:15:31,440

more astronaut departures in the coming

410

00:15:35,509 --> 00:15:33,519

weeks following your mission and

411

00:15:36,790 --> 00:15:35,519

what about you two are you both going to

412

00:15:43,110 --> 00:15:36,800

be sticking around

413

00:15:47,590 --> 00:15:45,189

yeah it's a good question um i i think

414

00:15:49,030 --> 00:15:47,600

it's really based on uh each individual

415

00:15:51,910 --> 00:15:49,040

within the office and you know what

416

00:15:54,069 --> 00:15:51,920

their family's uh desires are where they

417

00:15:56,629 --> 00:15:54,079

want to live and what they want to do

418

00:15:57,829 --> 00:15:56,639

you know after they've decided they've

419

00:16:00,310 --> 00:15:57,839

done what they wanted to do in the

420

00:16:02,389 --> 00:16:00,320

astronaut office you know we we have a

421

00:16:04,389 --> 00:16:02,399

typical attrition of you know six to

422

00:16:06,310 --> 00:16:04,399

eight people a year and and i think

423

00:16:08,870 --> 00:16:06,320

we're pretty much following that

424

00:16:11,030 --> 00:16:08,880

uh you know for me personally you know

425

00:16:12,949 --> 00:16:11,040

and we talked about this before i'd love

426

00:16:14,150 --> 00:16:12,959

to stay around and help out you know we

427

00:16:15,829 --> 00:16:14,160

we still have

428

00:16:17,990 --> 00:16:15,839

plenty of flying opportunities aboard

429

00:16:19,509 --> 00:16:18,000

the international space station and then

430

00:16:21,670 --> 00:16:19,519

you know we've got a chance to develop a

431

00:16:23,670 --> 00:16:21,680

new vehicle that's going to go beyond

432

00:16:25,350 --> 00:16:23,680

low earth orbit so i mean

433

00:16:27,670 --> 00:16:25,360

from my standpoint it's it's a pretty

434

00:16:29,670 --> 00:16:27,680

exciting time to be here and uh and

435

00:16:31,509 --> 00:16:29,680

continue to contribute and use the

436

00:16:34,710 --> 00:16:31,519

experience that we've gained on these

437

00:16:36,230 --> 00:16:34,720

shuttle flights to press forward

438

00:16:42,790 --> 00:16:36,240

commander you're you haven't changed

439

00:16:47,269 --> 00:16:45,670

no i have uh i have no plans uh the last

440

00:16:49,030 --> 00:16:47,279

nine months have been extraordinarily

441

00:16:51,030 --> 00:16:49,040

focused on this mission and this mission

442

00:16:53,269 --> 00:16:51,040

alone um you know with regard to the

443

00:16:55,670 --> 00:16:53,279

attrition um

444

00:16:57,269 --> 00:16:55,680

a lot of our office uh probably about a

445

00:16:59,990 --> 00:16:57,279

third of our office

446

00:17:01,749 --> 00:17:00,000

was uh former military pilots and uh you

447

00:17:03,670 --> 00:17:01,759

know pilots like to do what pilots like

448

00:17:05,350 --> 00:17:03,680

to do and that's fly airplanes and there

449

00:17:07,990 --> 00:17:05,360

will be a gap here of

450

00:17:09,429 --> 00:17:08,000

several years where uh you know a pilot

451
00:17:10,789 --> 00:17:09,439
is going to want to do what a pilot

452
00:17:12,150 --> 00:17:10,799
wants to do and i can certainly

453
00:17:13,829 --> 00:17:12,160
understand everybody has their own

454
00:17:15,590 --> 00:17:13,839
personal preferences

455
00:17:17,429 --> 00:17:15,600
and there'll be a little bit of lull in

456
00:17:19,429 --> 00:17:17,439
piloting activity until we get our next

457
00:17:20,789 --> 00:17:19,439
spacecraft so uh you know in the interim

458
00:17:23,189 --> 00:17:20,799
i can understand why people make the

459
00:17:24,870 --> 00:17:23,199
choices that they do

460
00:17:26,630 --> 00:17:24,880
i'm wondering uh

461
00:17:28,950 --> 00:17:26,640
i know there are several more days left

462
00:17:32,230 --> 00:17:28,960
in your flight but so far if you each

463
00:17:33,750 --> 00:17:32,240

had to choose what is the one highlight

464

00:17:35,350 --> 00:17:33,760

of your mission the memory that you're

465

00:17:45,110 --> 00:17:35,360

going to take back with you and keep

466

00:17:50,390 --> 00:17:48,549

well i i actually have two um the first

467

00:17:53,110 --> 00:17:50,400

would be the uh

468

00:17:55,750 --> 00:17:53,120

the eva we did the other day where uh

469

00:17:58,150 --> 00:17:55,760

sandy and i were uh running the space

470

00:18:01,430 --> 00:17:58,160

station robotic arm from the cupola and

471

00:18:03,510 --> 00:18:01,440

to have both mike and ron fly right out

472

00:18:04,470 --> 00:18:03,520

in front of us you know within

473

00:18:07,029 --> 00:18:04,480

feet

474

00:18:08,549 --> 00:18:07,039

uh you know it just it really seemed

475

00:18:09,830 --> 00:18:08,559

like it was out of a science fiction

476

00:18:11,430 --> 00:18:09,840

movie you know you could see the

477

00:18:14,310 --> 00:18:11,440

expression on their faces as they're

478

00:18:16,470 --> 00:18:14,320

riding the arm wherever they were going

479

00:18:18,390 --> 00:18:16,480

and it was just uh you know it's kind of

480

00:18:20,549 --> 00:18:18,400

seared into my memory and then the other

481

00:18:22,390 --> 00:18:20,559

one actually happened last night uh we

482

00:18:24,230 --> 00:18:22,400

were flying uh

483

00:18:26,390 --> 00:18:24,240

west of australia kind of at the bottom

484

00:18:29,350 --> 00:18:26,400

of our orbit and uh

485

00:18:31,830 --> 00:18:29,360

saw an incredible uh southern lights uh

486

00:18:34,310 --> 00:18:31,840

aurora uh and it was the best one i've

487

00:18:37,190 --> 00:18:34,320

seen uh in in my two space flights and

488

00:18:42,230 --> 00:18:37,200

it was just unbelievable the view we had

489

00:18:47,190 --> 00:18:44,789

i'll uh i'll share my personal uh

490

00:18:49,430 --> 00:18:47,200

uh moment and it was the same one i had

491

00:18:51,190 --> 00:18:49,440

on my last flight uh you know as you uh

492

00:18:53,430 --> 00:18:51,200

as we rendezvous with the space station

493

00:18:56,230 --> 00:18:53,440

you approach it from below and you pause

494

00:18:57,990 --> 00:18:56,240

there uh to do uh the rotation maneuver

495

00:19:00,950 --> 00:18:58,000

and it's just that moment as you're

496

00:19:03,590 --> 00:19:00,960

poised there beneath this incredibly uh

497

00:19:05,909 --> 00:19:03,600

mammoth space station and it really is

498

00:19:08,630 --> 00:19:05,919

it's just a feeling of of of awe and

499

00:19:11,029 --> 00:19:08,640

you're humbled by what humans can create

500

00:19:13,830 --> 00:19:11,039

when they work together to do things in

501
00:19:16,470 --> 00:19:13,840
space it's just it's a it's an

502
00:19:19,510 --> 00:19:16,480
um it's an incredibly memorable moment

503
00:19:20,789 --> 00:19:19,520
and i will never ever ever uh duplicate

504
00:19:22,549 --> 00:19:20,799
it or forget it

505
00:19:24,390 --> 00:19:22,559
well thank thank you very much both of

506
00:19:33,430 --> 00:19:24,400
you god godspeed to you and your crew

507
00:19:40,710 --> 00:19:36,390
atlantis iss this is houston acr thank

508
00:19:46,070 --> 00:19:43,750
thank you cbs radio kywtv

509
00:19:47,750 --> 00:19:46,080
and the associated press atlantis crew

510
00:19:50,630 --> 00:19:47,760
on the iss we are now resuming