



1
00:00:10,070 --> 00:00:03,669
wpvi tv this is mission control houston

2
00:00:17,269 --> 00:00:13,030
atlantis iss this is wpvi in

3
00:00:18,710 --> 00:00:17,279
philadelphia how do you hear me

4
00:00:22,470 --> 00:00:18,720
hey we have you loud and clear on the

5
00:00:26,790 --> 00:00:24,630
commander chris ferguson we recognize

6
00:00:29,429 --> 00:00:26,800
you very well you are a philadelphia

7
00:00:31,750 --> 00:00:29,439
native you have so many friends family

8
00:00:35,430 --> 00:00:31,760
and fans here in our region anything

9
00:00:39,510 --> 00:00:37,590
i'd like to give a big shout out to my

10
00:00:41,270 --> 00:00:39,520
friends at drexel university archbishop

11
00:00:43,030 --> 00:00:41,280
bryant high school and of course the

12
00:00:46,549 --> 00:00:43,040
street i grew up on amity road hello

13
00:00:50,549 --> 00:00:48,229

commander this is your third space

14

00:00:53,430 --> 00:00:50,559

flight this is your second space flight

15

00:00:57,590 --> 00:00:53,440

as commander second on atlantis does it

16

00:01:00,790 --> 00:00:59,110

well i'll tell you you know the moment

17

00:01:02,150 --> 00:01:00,800

the hatch is open after we dock with the

18

00:01:04,149 --> 00:01:02,160

international space station and you're

19

00:01:06,630 --> 00:01:04,159

allowed to come in and roam around uh

20

00:01:08,390 --> 00:01:06,640

it's just like being home again it's uh

21

00:01:09,990 --> 00:01:08,400

it's a wonderful place it's a magical

22

00:01:11,510 --> 00:01:10,000

place up here and no i'll tell you space

23

00:01:14,789 --> 00:01:11,520

flight never gets old it's a great

24

00:01:18,230 --> 00:01:16,149

commander we know that you're a big

25

00:01:19,830 --> 00:01:18,240

phillies fan and we understand that one

26

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

of the earlier flights you took up a

27

00:01:23,670 --> 00:01:21,600

chase utley jersey with you did you take

28

00:01:27,030 --> 00:01:23,680

any philadelphia memorabilia with you

29

00:01:33,429 --> 00:01:30,310

as a matter of fact i did and we have

30

00:01:34,710 --> 00:01:33,439

stowed away in the mid another jersey

31

00:01:37,270 --> 00:01:34,720

i'll leave that

32

00:01:38,870 --> 00:01:37,280

name to be determined but uh i hope to

33

00:01:40,390 --> 00:01:38,880

see the fills in the world series and

34

00:01:43,270 --> 00:01:40,400

that'd be a great time to return it back

35

00:01:46,870 --> 00:01:45,109

copy that commander now you have your

36

00:01:49,350 --> 00:01:46,880

crew with you and we

37

00:01:51,830 --> 00:01:49,360

see the experience of zero gravity

38

00:01:53,350 --> 00:01:51,840

obviously uh to the crew do you ever get

39

00:01:59,190 --> 00:01:53,360

sick of the commander talking about the

40

00:02:02,950 --> 00:02:01,429

yeah as a san francisco giants fan i do

41

00:02:04,630 --> 00:02:02,960

get a little tired but we'll let him

42

00:02:08,389 --> 00:02:04,640

have his way here he's the commander

43

00:02:12,949 --> 00:02:09,669

that is one

44

00:02:15,350 --> 00:02:12,959

dig into a phillies fan oh boy uh back

45

00:02:18,070 --> 00:02:15,360

to the commander if i could this shuttle

46

00:02:19,589 --> 00:02:18,080

program is ending and as you know nasa

47

00:02:22,309 --> 00:02:19,599

and congress

48

00:02:25,110 --> 00:02:22,319

never went ahead to replace the shuttle

49

00:02:26,949 --> 00:02:25,120

with another space vehicle

50

00:02:28,229 --> 00:02:26,959

generally how do you feel about the fact

51
00:02:29,990 --> 00:02:28,239
that this is coming to an end and

52
00:02:33,750 --> 00:02:30,000
there's nothing to replace the shuttle

53
00:02:37,670 --> 00:02:36,070
well first my comment on the the fact

54
00:02:40,070 --> 00:02:37,680
that the shuttle program is coming to an

55
00:02:41,830 --> 00:02:40,080
end i'll tell you it's uh from the heart

56
00:02:43,350 --> 00:02:41,840
of a pilot who just loves flying

57
00:02:45,030 --> 00:02:43,360
airplanes and basically anything that

58
00:02:47,110 --> 00:02:45,040
has wings it's going to be it's going to

59
00:02:48,869 --> 00:02:47,120
be sad to retire the shuttle

60
00:02:50,630 --> 00:02:48,879
that said it's had a very long and

61
00:02:53,030 --> 00:02:50,640
storied career it's been with us since

62
00:02:55,670 --> 00:02:53,040
1981 it's done tremendous things not the

63
00:02:57,589 --> 00:02:55,680

least of west has built this fantastic

64

00:02:59,030 --> 00:02:57,599

complex that we're able to float

65

00:03:02,070 --> 00:02:59,040

around in and that humans have been

66

00:03:04,070 --> 00:03:02,080

living in non-stop for over 10 years now

67

00:03:05,509 --> 00:03:04,080

now that said we do we're going to have

68

00:03:07,110 --> 00:03:05,519

a gap we're going to have a time where

69

00:03:08,710 --> 00:03:07,120

we cannot launch

70

00:03:10,949 --> 00:03:08,720

you know american astronauts or any

71

00:03:13,830 --> 00:03:10,959

astronauts from u.s soil but that will

72

00:03:15,270 --> 00:03:13,840

come to an end five perhaps six years

73

00:03:16,710 --> 00:03:15,280

hopefully before

74

00:03:18,949 --> 00:03:16,720

some commercial companies that are

75

00:03:21,110 --> 00:03:18,959

working on that will will give us that

76

00:03:22,470 --> 00:03:21,120

capability back again so you know it'll

77

00:03:26,869 --> 00:03:22,480

be slow for a little bit but there's

78

00:03:31,350 --> 00:03:29,110

you will command atlantis to its

79

00:03:33,190 --> 00:03:31,360

scheduled landing on thursday july

80

00:03:35,830 --> 00:03:33,200

twenty twenty first

81

00:03:41,910 --> 00:03:35,840

will you have profound remarks

82

00:03:45,589 --> 00:03:44,229

i think i'm obligated to have profound

83

00:03:46,630 --> 00:03:45,599

remarks

84

00:03:48,229 --> 00:03:46,640

the uh

85

00:03:50,630 --> 00:03:48,239

originally our landing was scheduled on

86

00:03:51,509 --> 00:03:50,640

july 20th which if

87

00:03:53,190 --> 00:03:51,519

if

88

00:03:55,270 --> 00:03:53,200

my history serves correctly it was a

89

00:03:57,589 --> 00:03:55,280

milestone year for landings that's the

90

00:03:59,190 --> 00:03:57,599

the day of course that neil armstrong

91

00:04:02,149 --> 00:03:59,200

landed and buzz aldrin landed on the

92

00:04:03,750 --> 00:04:02,159

moon back in 1969 so if we had landed on

93

00:04:05,429 --> 00:04:03,760

july 20th i think it would have been a

94

00:04:07,030 --> 00:04:05,439

little bit easier but we'll work on

95

00:04:08,869 --> 00:04:07,040

something profound and we promise we'll

96

00:04:10,390 --> 00:04:08,879

have we'll have some good words to

97

00:04:13,990 --> 00:04:10,400

reflect upon to remember the space

98

00:04:15,910 --> 00:04:14,000

shuttle program by

99

00:04:18,390 --> 00:04:15,920

will have done it three times once you

100

00:04:23,990 --> 00:04:18,400

do land what is worse going up or coming

101
00:04:29,110 --> 00:04:26,629
well i think coming down if you had to

102
00:04:31,430 --> 00:04:29,120
qualify it because we know we're leaving

103
00:04:33,749 --> 00:04:31,440
um going up is it's

104
00:04:35,510 --> 00:04:33,759
it's sure a kick in the pants and every

105
00:04:38,150 --> 00:04:35,520
time i've experienced and i think i know

106
00:04:40,150 --> 00:04:38,160
if i can speak on behalf of my crew uh

107
00:04:42,150 --> 00:04:40,160
every time we launch in a shuttle

108
00:04:43,909 --> 00:04:42,160
there's something new

109
00:04:45,909 --> 00:04:43,919
you know for example this time i just

110
00:04:48,310 --> 00:04:45,919
remember it being an incredibly violent

111
00:04:49,990 --> 00:04:48,320
liftoff from the pad i mean i remember i

112
00:04:51,510 --> 00:04:50,000
could not read the displays i could not

113
00:04:52,629 --> 00:04:51,520

even read a light that was in front of

114

00:04:55,350 --> 00:04:52,639

me

115

00:04:57,189 --> 00:04:55,360

so you know if i had to qualify it i'd

116

00:05:00,710 --> 00:04:57,199

say coming home is the sad part going up

117

00:05:04,629 --> 00:05:02,790

a few moments left a quick answer if we

118

00:05:06,790 --> 00:05:04,639

could we know that you're a drummer in

119

00:05:08,629 --> 00:05:06,800

an astronaut rock band which makes you

120

00:05:13,909 --> 00:05:08,639

the coolest astronaut ever do you

121

00:05:17,510 --> 00:05:15,670

well i think that my crewmates might

122

00:05:19,830 --> 00:05:17,520

argue that i'm the coolest astronaut

123

00:05:22,469 --> 00:05:19,840

ever but no i don't practice my

124

00:05:24,469 --> 00:05:22,479

rudiments uh we have we have a great

125

00:05:25,990 --> 00:05:24,479

time with the band max q on the ground

126

00:05:28,150 --> 00:05:26,000

we love playing for a lot of folks who

127

00:05:29,909 --> 00:05:28,160

support the the space program and we

128

00:05:31,110 --> 00:05:29,919

hope to get back together i think we're

129

00:05:34,710 --> 00:05:31,120

going to have a little more time on our

130

00:05:39,590 --> 00:05:37,029

commander and crew have a safe flight

131

00:05:41,350 --> 00:05:39,600

and a safe return to the united states

132

00:05:45,749 --> 00:05:41,360

thank you so much for talking to us here

133

00:05:45,759 --> 00:05:49,029

thanks billy

134

00:05:54,629 --> 00:05:51,990

atlantis iss this is houston acr that

135

00:05:56,950 --> 00:05:54,639

concludes the wpvi tv portion of the

136

00:06:05,830 --> 00:05:56,960

event please stand by for a voice check

137

00:06:09,990 --> 00:06:07,990

with the duck boat killing two hungarian

138

00:06:11,670 --> 00:06:10,000

students we have you clear aboard the

139

00:06:14,550 --> 00:06:11,680

international space station

140

00:06:16,550 --> 00:06:14,560

copy that standby revoked mike dinardo

141

00:06:19,990 --> 00:06:16,560

kylie newsradio

142

00:06:21,830 --> 00:06:20,000

kow newstime 8 10. this is day number

143

00:06:23,270 --> 00:06:21,840

eight of the last space shuttle mission

144

00:06:25,510 --> 00:06:23,280

shuttle atlantis with its four

145

00:06:27,510 --> 00:06:25,520

astronauts blasted off from kennedy in

146

00:06:29,590 --> 00:06:27,520

florida a week ago they're scheduled to

147

00:06:31,909 --> 00:06:29,600

return to earth next wednesday right now

148

00:06:34,070 --> 00:06:31,919

atlantis is docked at the international

149

00:06:35,749 --> 00:06:34,080

space station about 200 miles up over

150

00:06:39,510 --> 00:06:35,759

the pacific right now

151

00:06:43,510 --> 00:06:39,520

atlantis iss this is kyw news radio in

152

00:06:48,550 --> 00:06:45,990

hello kyw news radio you're aboard the

153

00:06:51,029 --> 00:06:48,560

space shuttle or space station and dock

154

00:06:52,710 --> 00:06:51,039

to the space shuttle about over the

155

00:06:54,230 --> 00:06:52,720

pacific ocean

156

00:06:55,830 --> 00:06:54,240

thank you so much for joining us this

157

00:06:58,870 --> 00:06:55,840

morning we appreciate it this is carol

158

00:07:01,189 --> 00:06:58,880

mckenzie here at kyw news radio uh

159

00:07:02,629 --> 00:07:01,199

captain ferguson native son of

160

00:07:03,909 --> 00:07:02,639

philadelphia

161

00:07:06,070 --> 00:07:03,919

captain you've been having some

162

00:07:10,790 --> 00:07:06,080

significant computer problems how are

163

00:07:14,390 --> 00:07:12,309

well uh if you're referring to our

164

00:07:17,110 --> 00:07:14,400

computer problems first the good news is

165

00:07:18,870 --> 00:07:17,120

is we have five of them uh and each and

166

00:07:21,110 --> 00:07:18,880

every one can fly the uh the space

167

00:07:22,870 --> 00:07:21,120

shuttle just fine it's true we've had

168

00:07:24,790 --> 00:07:22,880

we've had a couple of them have given us

169

00:07:27,350 --> 00:07:24,800

a little bit of a hiccup uh last night

170

00:07:28,629 --> 00:07:27,360

one of them woke us up and we had a we

171

00:07:30,070 --> 00:07:28,639

had to work on that one a little bit but

172

00:07:32,230 --> 00:07:30,080

we've got them all up and running right

173

00:07:35,189 --> 00:07:32,240

now and we're confident that we're gonna

174

00:07:36,950 --> 00:07:35,199

have all five for uh re-entry uh coming

175

00:07:39,510 --> 00:07:36,960

up here in a week or so

176
00:07:41,510 --> 00:07:39,520
uh captain ferguson harry donahue here

177
00:07:42,870 --> 00:07:41,520
and uh thanks for joining us you and

178
00:07:45,589 --> 00:07:42,880
your crew i'm not sure if we have

179
00:07:47,430 --> 00:07:45,599
everybody else online but i know this is

180
00:07:49,189 --> 00:07:47,440
your third shuttle flight what's

181
00:07:53,189 --> 00:07:49,199
different about this one compared to the

182
00:07:57,909 --> 00:07:55,589
well that's a good question harry um

183
00:08:00,390 --> 00:07:57,919
i think the probably the the biggest

184
00:08:02,469 --> 00:08:00,400
difference is we have a a smaller crew

185
00:08:05,589 --> 00:08:02,479
um shuttle missions typically go with a

186
00:08:07,110 --> 00:08:05,599
crew of six uh or seven and uh by the

187
00:08:08,710 --> 00:08:07,120
way we do have the rest of the crew with

188
00:08:10,869 --> 00:08:08,720

us uh today if you have any questions

189

00:08:11,670 --> 00:08:10,879

for them uh this uh this crew is just

190

00:08:13,029 --> 00:08:11,680

four

191

00:08:15,110 --> 00:08:13,039

so uh

192

00:08:16,950 --> 00:08:15,120

there's no less work to do it's just

193

00:08:19,189 --> 00:08:16,960

that we're doing it all with uh with

194

00:08:21,589 --> 00:08:19,199

four people so uh we're gonna we're

195

00:08:23,430 --> 00:08:21,599

gonna contact the astronauts uh pilots

196

00:08:25,029 --> 00:08:23,440

union and and see what we can have done

197

00:08:26,230 --> 00:08:25,039

about this but we're working really hard

198

00:08:27,350 --> 00:08:26,240

up here and we're getting everything

199

00:08:29,589 --> 00:08:27,360

done

200

00:08:33,509 --> 00:08:29,599

all right captain uh rex walheim sandy

201
00:08:35,829 --> 00:08:33,519
magnus also a part of that crew and uh i

202
00:08:37,430 --> 00:08:35,839
understand they're with us online

203
00:08:39,350 --> 00:08:37,440
maybe whoever wants to answer this

204
00:08:40,389 --> 00:08:39,360
question i know you guys have uh two

205
00:08:42,149 --> 00:08:40,399
iphone

206
00:08:44,790 --> 00:08:42,159
smartphones up there with you i'm

207
00:08:49,990 --> 00:08:44,800
wondering reception better than it is on

208
00:08:53,670 --> 00:08:51,430
actually the reason we brought the

209
00:08:56,310 --> 00:08:53,680
iphones with us believe it or not is uh

210
00:08:59,030 --> 00:08:56,320
to use them as horizon sensors and not

211
00:09:01,350 --> 00:08:59,040
as uh phones per se so it's sort of in

212
00:09:02,870 --> 00:09:01,360
the nature of an experiment although

213
00:09:04,630 --> 00:09:02,880

hopefully you know at some point we

214

00:09:05,990 --> 00:09:04,640

could uh potentially use them for

215

00:09:08,870 --> 00:09:06,000

iphones but for right now they're just

216

00:09:10,550 --> 00:09:08,880

gonna be some sensors for us i was just

217

00:09:12,470 --> 00:09:10,560

wondering what kind of apps you had up

218

00:09:17,750 --> 00:09:12,480

there if there were any special shuttle

219

00:09:20,389 --> 00:09:19,269

no we don't have any at the moment but

220

00:09:21,990 --> 00:09:20,399

you never know we have some pretty

221

00:09:23,350 --> 00:09:22,000

clever people that flap here from time

222

00:09:24,389 --> 00:09:23,360

to time we'll have to see what they come

223

00:09:27,990 --> 00:09:24,399

up with

224

00:09:29,750 --> 00:09:28,000

soon there's an app every second why not

225

00:09:31,509 --> 00:09:29,760

a space shuttle app

226

00:09:33,110 --> 00:09:31,519

commander i want to ask you a little bit

227

00:09:34,710 --> 00:09:33,120

about your Philly connection we know

228

00:09:37,030 --> 00:09:34,720

that on previous flights you've taken

229

00:09:38,710 --> 00:09:37,040

along a Chase Utley jersey

230

00:09:46,790 --> 00:09:38,720

what did you take along this time

231

00:09:49,990 --> 00:09:47,590

uh

232

00:09:54,150 --> 00:09:50,000

yes i did bring something up starting

233

00:09:57,430 --> 00:09:54,160

with the p and it is for a key player

234

00:10:00,150 --> 00:09:57,440

uh on the fields and uh we hope to be

235

00:10:01,750 --> 00:10:00,160

able to uh take a trip up there and

236

00:10:05,190 --> 00:10:01,760

return it to him

237

00:10:07,190 --> 00:10:05,200

uh at the world series uh coming up here

238

00:10:08,870 --> 00:10:07,200

in just a few months so uh and if that

239

00:10:10,389 --> 00:10:08,880

doesn't happen we'll surely get it back

240

00:10:12,870 --> 00:10:10,399

to him it's some home game in the not

241

00:10:14,710 --> 00:10:12,880

too far distant future i'll reserve that

242

00:10:17,269 --> 00:10:14,720

mystery player until we uh until we

243

00:10:19,509 --> 00:10:17,279

manage to get it back to you oh come on

244

00:10:21,670 --> 00:10:19,519

commander

245

00:10:24,069 --> 00:10:21,680

chris uh we we know you're from

246

00:10:26,230 --> 00:10:24,079

philadelphia the northeast st martha's

247

00:10:29,030 --> 00:10:26,240

elementary school and archbishop ryan

248

00:10:31,430 --> 00:10:29,040

high school up there on academy road

249

00:10:33,350 --> 00:10:31,440

i was wondering were you a listener when

250

00:10:37,430 --> 00:10:33,360

we used to close schools in philadelphia

251
00:10:42,630 --> 00:10:39,670
every morning my alarm would go off and

252
00:10:44,550 --> 00:10:42,640
kyw news radio would come on and i would

253
00:10:47,110 --> 00:10:44,560
listen for the school closing so i've

254
00:10:48,550 --> 00:10:47,120
been with you for about 50 years now and

255
00:10:50,470 --> 00:10:48,560
i still listen when i come back to the

256
00:10:54,470 --> 00:10:50,480
philadelphia area and i can't help it my

257
00:10:56,710 --> 00:10:54,480
mother-in-law always has kyw on

258
00:10:58,389 --> 00:10:56,720
well we appreciate listeners whether

259
00:11:00,470 --> 00:10:58,399
they're in the northeast or in outer

260
00:11:02,470 --> 00:11:00,480
space like you are this morning to the

261
00:11:04,710 --> 00:11:02,480
crew of atlantis from us thanks very

262
00:11:06,949 --> 00:11:04,720
much congratulations

263
00:11:09,990 --> 00:11:06,959

and uh well we understand we still have

264

00:11:12,790 --> 00:11:10,000

another minute or two carol okay so

265

00:11:16,550 --> 00:11:12,800

chris we understand that you play with a

266

00:11:18,790 --> 00:11:16,560

rock and roll band called max q

267

00:11:25,190 --> 00:11:18,800

so since you're such a fan of kyw news

268

00:11:29,430 --> 00:11:27,190

there are only a few drummers who can

269

00:11:32,230 --> 00:11:29,440

sing well in this world and i am not one

270

00:11:37,350 --> 00:11:34,870

well maybe you can maybe give a hint to

271

00:11:39,269 --> 00:11:37,360

uh somebody else on your crew up there

272

00:11:43,790 --> 00:11:39,279

and help them out with the old kyw

273

00:11:50,949 --> 00:11:48,790

kyw news radio 1060.

274

00:11:53,269 --> 00:11:50,959

that was awesome that's not bad for a

275

00:11:54,790 --> 00:11:53,279

drummer or even a singer we really

276

00:11:58,230 --> 00:11:54,800

appreciate that

277

00:12:00,389 --> 00:11:58,240

a question for you sandy um this this

278

00:12:02,550 --> 00:12:00,399

shuttle brings brings the shuttle pro

279

00:12:05,030 --> 00:12:02,560

this um flight brings a shuttle program

280

00:12:07,269 --> 00:12:05,040

to an end 30 years

281

00:12:09,750 --> 00:12:07,279

a lot of young people have been inspired

282

00:12:11,670 --> 00:12:09,760

by the shuttle program so now that i

283

00:12:13,910 --> 00:12:11,680

guess what's going forward what will be

284

00:12:15,910 --> 00:12:13,920

the inspiration for young men and women

285

00:12:18,949 --> 00:12:15,920

who who have an interest in this type of

286

00:12:22,470 --> 00:12:20,790

well first i'd like to point them all to

287

00:12:24,710 --> 00:12:22,480

the international space station you know

288

00:12:26,710 --> 00:12:24,720

we've had people living here for about a

289

00:12:28,470 --> 00:12:26,720

little over 10 years now and and we're

290

00:12:30,230 --> 00:12:28,480

doing all kinds of science and

291

00:12:32,310 --> 00:12:30,240

interesting technology development up

292

00:12:33,590 --> 00:12:32,320

here and you get to stay here for six

293

00:12:35,190 --> 00:12:33,600

months when you live here and it's a

294

00:12:37,190 --> 00:12:35,200

completely different experience than a

295

00:12:39,350 --> 00:12:37,200

shuttle mission so that's certainly

296

00:12:41,190 --> 00:12:39,360

something uh any young person should aim

297

00:12:42,629 --> 00:12:41,200

to do because it's it's a really really

298

00:12:44,949 --> 00:12:42,639

interesting experience i lived here for

299

00:12:46,470 --> 00:12:44,959

four and a half months and further on

300

00:12:47,910 --> 00:12:46,480

we're going to be moving out of low

301
00:12:50,069 --> 00:12:47,920
earth orbit now you know the shuttles

302
00:12:51,110 --> 00:12:50,079
are designed to work in low earth orbit

303
00:12:52,790 --> 00:12:51,120
and so we're going to be building

304
00:12:55,190 --> 00:12:52,800
vehicles that can go beyond that to the

305
00:12:57,350 --> 00:12:55,200
moon or mars or an asteroid so that's

306
00:12:58,629 --> 00:12:57,360
certainly uh on the horizons for the

307
00:13:00,470 --> 00:12:58,639
young people who are interested in this

308
00:13:03,350 --> 00:13:00,480
type of profession

309
00:13:06,389 --> 00:13:03,360
all right and you have this is day eight

310
00:13:08,389 --> 00:13:06,399
with the uh shuttle atlantis and you are

311
00:13:14,470 --> 00:13:08,399
scheduled to return to earth when next

312
00:13:18,069 --> 00:13:15,590
yeah i'm pretty sure it's going to be

313
00:13:19,509 --> 00:13:18,079

early thursday morning if if my math

314

00:13:21,350 --> 00:13:19,519

serves correctly we work on a little bit

315

00:13:24,310 --> 00:13:21,360

of a different time clock up here but i

316

00:13:27,190 --> 00:13:24,320

think it is early thursday

317

00:13:29,829 --> 00:13:27,200

all right well congratulations again we

318

00:13:31,750 --> 00:13:29,839

wish you best for the remaining part of

319

00:13:34,470 --> 00:13:31,760

your mission and thanks for everything

320

00:13:36,550 --> 00:13:34,480

you do for nasa and for the united

321

00:13:40,069 --> 00:13:36,560

states thanks to the crew and good luck

322

00:13:40,079 --> 00:13:44,790

thanks kyw

323

00:13:50,629 --> 00:13:47,670

atlantis iss this is houston acr that

324

00:13:53,110 --> 00:13:50,639

concludes the kyw radio portion of the

325

00:14:04,389 --> 00:13:53,120

event we will rejoin you after a brief

326

00:14:10,230 --> 00:14:08,310

atlantis iss this is houston acr

327

00:14:14,069 --> 00:14:10,240

we are now back with you please stand by

328

00:14:16,550 --> 00:14:14,079

for a voice check from reuters

329

00:14:19,990 --> 00:14:16,560

iss this is irene klotz with reuters how

330

00:14:23,269 --> 00:14:21,590

hello irene we have you loud and clear

331

00:14:25,189 --> 00:14:23,279

on the international space station

332

00:14:27,030 --> 00:14:25,199

thanks very much the first two questions

333

00:14:28,790 --> 00:14:27,040

i have are for you commander

334

00:14:30,949 --> 00:14:28,800

when you got jarred awake last night for

335

00:14:33,110 --> 00:14:30,959

the computer shutdown did it take you a

336

00:14:35,350 --> 00:14:33,120

few seconds to remember where you are or

337

00:14:37,030 --> 00:14:35,360

does your sleep body stay with you while

338

00:14:40,870 --> 00:14:37,040

you uh your space body stay with you

339

00:14:44,949 --> 00:14:43,189

irene that's an excellent assessment

340

00:14:46,150 --> 00:14:44,959

just like on earth when you wake up or

341

00:14:47,670 --> 00:14:46,160

somebody wakes you up in the middle of

342

00:14:49,910 --> 00:14:47,680

the night you open your eyes and you

343

00:14:51,910 --> 00:14:49,920

wonder where you are but uh we had our

344

00:14:53,670 --> 00:14:51,920

gyros caged pretty quickly and uh the

345

00:14:55,590 --> 00:14:53,680

great folks on the ground helped us help

346

00:14:58,230 --> 00:14:55,600

to solve the problem uh with our general

347

00:14:59,509 --> 00:14:58,240

purpose computer last night thanks i

348

00:15:02,150 --> 00:14:59,519

understand you're going to be speaking

349

00:15:04,230 --> 00:15:02,160

with president obama later today if he

350

00:15:06,310 --> 00:15:04,240

asks you what you think he needs to do

351
00:15:08,550 --> 00:15:06,320
to keep the space program relevant in

352
00:15:13,189 --> 00:15:08,560
people's lives what would you tell him

353
00:15:16,550 --> 00:15:15,829
well i think uh probably number one on

354
00:15:21,590 --> 00:15:16,560
the

355
00:15:23,990 --> 00:15:21,600
inspiration that uh doing amazing things

356
00:15:25,509 --> 00:15:24,000
up in space provides for uh young men

357
00:15:27,829 --> 00:15:25,519
and women

358
00:15:29,670 --> 00:15:27,839
i became involved in the space program

359
00:15:32,310 --> 00:15:29,680
because i remember watching neil armstro

360
00:15:33,990 --> 00:15:32,320
armstrong walk on the moon in 1969 and

361
00:15:35,829 --> 00:15:34,000
it was just through following the apollo

362
00:15:37,749 --> 00:15:35,839
program in the gemini program that i

363
00:15:41,030 --> 00:15:37,759

developed just a keen interest in

364

00:15:42,790 --> 00:15:41,040

science and math and flight and it just

365

00:15:44,629 --> 00:15:42,800

it propelled me on a career that took me

366

00:15:46,790 --> 00:15:44,639

through naval aviation and then on to

367

00:15:47,990 --> 00:15:46,800

the the space program so if for no other

368

00:15:50,710 --> 00:15:48,000

reason

369

00:15:52,710 --> 00:15:50,720

we need we need to to inspire

370

00:15:54,550 --> 00:15:52,720

generations that that will follow us to

371

00:15:56,550 --> 00:15:54,560

do wonderful things like this and plus

372

00:15:58,550 --> 00:15:56,560

we need to explore we're

373

00:16:00,470 --> 00:15:58,560

we're explorers by nature we need to

374

00:16:02,389 --> 00:16:00,480

leave low earth orbit again and go back

375

00:16:03,910 --> 00:16:02,399

to the moon or an asteroid or mars we

376

00:16:05,350 --> 00:16:03,920

need to have a destination it's in our

377

00:16:07,430 --> 00:16:05,360

destiny

378

00:16:09,350 --> 00:16:07,440

thank you for sandy

379

00:16:11,350 --> 00:16:09,360

can you paint us a little word picture

380

00:16:13,350 --> 00:16:11,360

of what the iss looks like with all the

381

00:16:15,509 --> 00:16:13,360

stuff you've brought floating around

382

00:16:31,430 --> 00:16:15,519

there and the rooting around to find the

383

00:16:35,110 --> 00:16:33,350

sorry about that irene in a word it's

384

00:16:37,670 --> 00:16:35,120

crowded up here

385

00:16:40,550 --> 00:16:37,680

almost every module has these white we

386

00:16:41,430 --> 00:16:40,560

call them cargo transfer bags or ctbs

387

00:16:43,910 --> 00:16:41,440

they're

388

00:16:47,350 --> 00:16:43,920

stuck with bungees to the front of

389

00:16:49,110 --> 00:16:47,360

panels the pmm which is the permanent

390

00:16:50,629 --> 00:16:49,120

stowage module that was brought up a

391

00:16:53,350 --> 00:16:50,639

couple flights ago

392

00:16:56,470 --> 00:16:53,360

if you look in through the hatch the pmm

393

00:16:58,710 --> 00:16:56,480

all you will see are white bags stuck to

394

00:17:00,230 --> 00:16:58,720

walls because there's not enough space

395

00:17:02,870 --> 00:17:00,240

for some of the things that we brought

396

00:17:05,189 --> 00:17:02,880

up to go behind the racks or behind or

397

00:17:07,029 --> 00:17:05,199

inside the stowage area so it's sort of

398

00:17:08,470 --> 00:17:07,039

a sea of white bags floating around and

399

00:17:10,710 --> 00:17:08,480

we're hoping to help straighten it up a

400

00:17:13,029 --> 00:17:10,720

little bit before we leave

401
00:17:14,870 --> 00:17:13,039
thank you um for rex about a week and a

402
00:17:17,829 --> 00:17:14,880
half before you launched the first

403
00:17:19,270 --> 00:17:17,839
module of china's space station reach

404
00:17:20,949 --> 00:17:19,280
the launch site

405
00:17:22,870 --> 00:17:20,959
if they're able to get it into orbit and

406
00:17:27,669 --> 00:17:22,880
to staff it don't you think it'd be kind

407
00:17:31,190 --> 00:17:29,750
oh absolutely you know it

408
00:17:32,870 --> 00:17:31,200
i think

409
00:17:34,549 --> 00:17:32,880
in space is one of the biggest

410
00:17:37,110 --> 00:17:34,559
international brotherhoods they have you

411
00:17:39,110 --> 00:17:37,120
know here we are a crew of of different

412
00:17:41,029 --> 00:17:39,120
countries we have you know american

413
00:17:42,870 --> 00:17:41,039

astronauts and and russian astronauts

414

00:17:44,390 --> 00:17:42,880

and japanese astronauts we all work

415

00:17:45,909 --> 00:17:44,400

together as one big team we work

416

00:17:47,990 --> 00:17:45,919

together we solve problems together we

417

00:17:49,590 --> 00:17:48,000

laugh together we eat together it is the

418

00:17:51,029 --> 00:17:49,600

best example of international

419

00:17:53,190 --> 00:17:51,039

cooperation i know of and it's at the

420

00:17:54,950 --> 00:17:53,200

working level and i think that kind of

421

00:17:56,150 --> 00:17:54,960

works its way up to other parts of the

422

00:17:57,590 --> 00:17:56,160

country so

423

00:17:58,950 --> 00:17:57,600

china venus base i think is a great

424

00:18:00,870 --> 00:17:58,960

thing i think the more nations that get

425

00:18:02,310 --> 00:18:00,880

in space the uh the better cooperation

426

00:18:04,789 --> 00:18:02,320

we'll have with each other

427

00:18:07,110 --> 00:18:04,799

thank you um for doug how comfortable

428

00:18:09,590 --> 00:18:07,120

are you that the iss is going to be the

429

00:18:14,310 --> 00:18:09,600

human us human space flight program for

430

00:18:18,470 --> 00:18:16,870

oh completely uh you know we've got some

431

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

great folks that work in the uh

432

00:18:22,870 --> 00:18:20,720

international space station program and

433

00:18:25,830 --> 00:18:22,880

uh you know there's been just extensive

434

00:18:29,190 --> 00:18:25,840

planning to get the uh station and and

435

00:18:31,350 --> 00:18:29,200

and this posture for the next decade

436

00:18:32,950 --> 00:18:31,360

we've got several automated vehicles

437

00:18:34,150 --> 00:18:32,960

that can resupply we've got commercial

438

00:18:37,590 --> 00:18:34,160

providers that are going to be coming

439

00:18:39,990 --> 00:18:37,600

online in a year or so to provide the

440

00:18:43,029 --> 00:18:40,000

cargo as well and eventually

441

00:18:45,590 --> 00:18:43,039

crew support taking us back and forth so

442

00:18:47,909 --> 00:18:45,600

uh the iss is in great hands it's a

443

00:18:49,750 --> 00:18:47,919

great crew on board and uh you know the

444

00:18:51,750 --> 00:18:49,760

future couldn't look any brighter

445

00:18:53,270 --> 00:18:51,760

thanks also for you i was just wondering

446

00:18:55,590 --> 00:18:53,280

if you were surprised that you launched

447

00:18:57,990 --> 00:18:55,600

on the first try considering the

448

00:19:04,549 --> 00:18:58,000

weather at ksc and then that last minute

449

00:19:10,390 --> 00:19:07,270

yeah i uh i had thought i had brought my

450

00:19:12,789 --> 00:19:10,400

uh 127 karma along with me there for a

451
00:19:14,630 --> 00:19:12,799
few uh you know when we walked out and

452
00:19:16,710 --> 00:19:14,640
uh you know while we were strapping in

453
00:19:18,070 --> 00:19:16,720
and we were getting updates uh

454
00:19:20,150 --> 00:19:18,080
while we were laying on our backs and

455
00:19:22,549 --> 00:19:20,160
then uh and then we

456
00:19:24,390 --> 00:19:22,559
we got the go and uh and then the next

457
00:19:27,510 --> 00:19:24,400
thing happened at 31 seconds so i was

458
00:19:29,750 --> 00:19:27,520
thinking oh no but it just worked out so

459
00:19:31,830 --> 00:19:29,760
good um we couldn't be happier it was

460
00:19:33,830 --> 00:19:31,840
great for our family our friends and all

461
00:19:35,909 --> 00:19:33,840
the guests and then the uh i guess close

462
00:19:36,950 --> 00:19:35,919
to a million people that were watching

463
00:19:38,470 --> 00:19:36,960

us so

464

00:19:40,950 --> 00:19:38,480

uh it's always great to launch on the

465

00:19:42,630 --> 00:19:40,960

first first try and i'm glad to finally

466

00:19:44,789 --> 00:19:42,640

be able to say i did that

467

00:19:46,789 --> 00:19:44,799

thanks and for any of you uh have you if

468

00:19:48,390 --> 00:19:46,799

any of you guys run into robonaut and if

469

00:19:55,190 --> 00:19:48,400

so what's it doing

470

00:20:00,549 --> 00:19:58,070

rope we we have robonaut is hiding

471

00:20:02,789 --> 00:20:00,559

because of all the all the company we

472

00:20:04,789 --> 00:20:02,799

brought him in the sea of bags but uh

473

00:20:06,390 --> 00:20:04,799

he'll probably come out to do some work

474

00:20:07,830 --> 00:20:06,400

after we're gone

475

00:20:16,149 --> 00:20:07,840

thanks that's all the time we have

476

00:20:24,789 --> 00:20:19,270

atlantis iss this is houston acr thank

477

00:20:31,190 --> 00:20:27,830

thank you wpvi tv

478

00:20:33,510 --> 00:20:31,200

kyw radio and reuters elena cyss we are