



1  
00:00:07,990 --> 00:00:02,550  
discovery in iss this is houston are you

2  
00:00:08,000 --> 00:00:11,190  
houston we are ready

3  
00:00:17,109 --> 00:00:13,509  
msnbc this is houston please call

4  
00:00:21,349 --> 00:00:17,119  
discovery and iss for a voice check

5  
00:00:27,589 --> 00:00:24,630  
i cannot describe that the the i think

6  
00:00:31,349 --> 00:00:27,599  
my most disappointing

7  
00:00:33,910 --> 00:00:31,359  
feeling is that the university is

8  
00:00:39,190 --> 00:00:33,920  
discovery iss this is msnbc how do you

9  
00:00:44,229 --> 00:00:41,030  
we've got you loud and clear welcome

10  
00:00:46,869 --> 00:00:44,239  
aboard the international space station

11  
00:00:48,549 --> 00:00:46,879  
the university has responded to

12  
00:00:50,229 --> 00:00:48,559  
thanks so much for having us we are

13  
00:00:52,630 --> 00:00:50,239

going to be coming to you in about two

14

00:00:58,470 --> 00:00:52,640

minutes if i could get a quick 10 count

15

00:01:06,469 --> 00:01:03,910

one two three four five six seven eight

16

00:01:08,070 --> 00:01:06,479

nine ten

17

00:01:12,230 --> 00:01:08,080

response based on what your wife has

18

00:01:16,950 --> 00:01:14,149

good to go here in about a minute and a

19

00:01:18,390 --> 00:01:16,960

half you'll be speaking with richard

20

00:01:20,469 --> 00:01:18,400

until there was

21

00:02:43,990 --> 00:01:20,479

uh

22

00:02:44,000 --> 00:02:58,070

30 seconds away here

23

00:02:58,080 --> 00:03:15,670

how do you guys

24

00:03:19,270 --> 00:03:17,750

johnson space center play u2 city of

25

00:03:20,869 --> 00:03:19,280

blinding light for the shuttle crew

26

00:03:22,309 --> 00:03:20,879

after taking another successful

27

00:03:24,070 --> 00:03:22,319

spacewalk and doing some maintenance

28

00:03:26,149 --> 00:03:24,080

this morning the astronauts are getting

29

00:03:28,390 --> 00:03:26,159

the afternoon off as they head into the

30

00:03:29,270 --> 00:03:28,400

final days of discovery's final mission

31

00:03:32,070 --> 00:03:29,280

ever

32

00:03:34,229 --> 00:03:32,080

live from space let's bring in discovery

33

00:03:36,149 --> 00:03:34,239

pilot colonel eric bowe and mission

34

00:03:38,390 --> 00:03:36,159

specialist dr mike barrett and nicole

35

00:03:39,910 --> 00:03:38,400

stott very good day to all of you first

36

00:03:42,309 --> 00:03:39,920

of all you know as when we look at these

37

00:03:44,470 --> 00:03:42,319

pictures it's the hair and you know when

38

00:03:45,910 --> 00:03:44,480

we look at nicole how do you guys handle

39

00:03:47,190 --> 00:03:45,920

that what are the jokes between you guys

40

00:03:52,070 --> 00:03:47,200

between astronauts when you have to deal

41

00:03:52,080 --> 00:03:55,509

you really want to know

42

00:03:58,630 --> 00:03:57,429

i try to keep mine confined a little bit

43

00:04:04,309 --> 00:03:58,640

it's

44

00:04:06,229 --> 00:04:04,319

it flop around a little bit but

45

00:04:07,670 --> 00:04:06,239

it'll it'll get you into trouble too

46

00:04:09,429 --> 00:04:07,680

there's a lot of velcro up here that you

47

00:04:11,589 --> 00:04:09,439

can get caught on and get stopped real

48

00:04:13,750 --> 00:04:11,599

quick and that kind of thing

49

00:04:15,429 --> 00:04:13,760

but it overall it's it's

50

00:04:17,349 --> 00:04:15,439

it's part of the fun of being here and i

51  
00:04:18,710 --> 00:04:17,359  
i i like to at least have a ponytail

52  
00:04:22,550 --> 00:04:18,720  
because then you can see you know we're

53  
00:04:25,590 --> 00:04:24,390  
it's always the simple things for our

54  
00:04:27,670 --> 00:04:25,600  
viewers there's about a three to five

55  
00:04:30,310 --> 00:04:27,680  
second delay here because we are talking

56  
00:04:31,350 --> 00:04:30,320  
to space or up in space you know mike i

57  
00:04:33,670 --> 00:04:31,360  
want to ask you this one you know

58  
00:04:36,070 --> 00:04:33,680  
discovery uh it's been up there very

59  
00:04:37,510 --> 00:04:36,080  
many times and and

60  
00:04:40,310 --> 00:04:37,520  
we take a look at the miles that

61  
00:04:42,150 --> 00:04:40,320  
discovery has been on after the 5600

62  
00:04:43,270 --> 00:04:42,160  
trips that's been around the earth are

63  
00:04:45,189 --> 00:04:43,280

there more

64

00:04:46,870 --> 00:04:45,199

leaks shall we say the sunroof are there

65

00:04:51,110 --> 00:04:46,880

tears in the upholstery is it creaking a

66

00:04:54,710 --> 00:04:52,870

you know it's a great question but

67

00:04:56,150 --> 00:04:54,720

inherent in flying in space is that the

68

00:04:58,550 --> 00:04:56,160

hardware has to work pretty well

69

00:05:00,469 --> 00:04:58,560

perfectly i think

70

00:05:02,390 --> 00:05:00,479

i think i can safely say that uh

71

00:05:04,230 --> 00:05:02,400

discovery's at the top of her game i

72

00:05:06,469 --> 00:05:04,240

mean she's a very clean vehicle and

73

00:05:08,310 --> 00:05:06,479

she's very well cared for and viciously

74

00:05:11,270 --> 00:05:08,320

defended by the ground crew that that

75

00:05:13,029 --> 00:05:11,280

services her and she is just in pristine

76

00:05:16,550 --> 00:05:13,039

shape so no it's it's a wonderful

77

00:05:23,270 --> 00:05:19,230

all right eric let's go to you um of the

78

00:05:25,430 --> 00:05:23,280

180 people that have flown on discovery

79

00:05:32,710 --> 00:05:25,440

how does it feel for you to pilot the

80

00:05:35,510 --> 00:05:33,990

well obviously

81

00:05:37,430 --> 00:05:35,520

i'm very honored to have the opportunity

82

00:05:39,350 --> 00:05:37,440

to fly on board the discovery she's a

83

00:05:42,150 --> 00:05:39,360

great machine as mike just said

84

00:05:44,790 --> 00:05:42,160

incredible vehicle and to me she looks

85

00:05:46,870 --> 00:05:44,800

brand new i mean as mike was saying the

86

00:05:48,790 --> 00:05:46,880

the team that maintains her at kennedy

87

00:05:51,270 --> 00:05:48,800

space center and all the other people

88

00:05:53,590 --> 00:05:51,280

around the united states to help

89

00:05:55,590 --> 00:05:53,600

maintain our perfect vehicle really

90

00:05:57,270 --> 00:05:55,600

looking forward to the landing

91

00:05:58,950 --> 00:05:57,280

at the after we finish our days up here

92

00:06:00,790 --> 00:05:58,960

on orbit and it'll be a bittersweet

93

00:06:04,230 --> 00:06:00,800

moment when we put her on deck at

94

00:06:07,909 --> 00:06:06,070

all right thank you all for stopping by

95

00:06:09,830 --> 00:06:07,919

here on msnbc there from the

96

00:06:11,830 --> 00:06:09,840

international space station and from the

97

00:06:13,590 --> 00:06:11,840

shuttle discovery colonel eric bowen

98

00:06:15,670 --> 00:06:13,600

mission specialist dr mike barrett and

99

00:06:27,430 --> 00:06:15,680

nicole stott thank you all three very

100

00:06:32,950 --> 00:06:29,830

discovery iss this is houston acr that

101  
00:06:35,029 --> 00:06:32,960  
concludes the msnbc portion of the event

102  
00:06:36,629 --> 00:06:35,039  
please stand by for a voice check from

103  
00:06:57,270 --> 00:06:36,639  
wxia

104  
00:06:57,280 --> 00:07:05,670  
now

105  
00:07:13,670 --> 00:07:09,189  
discovery iss this is wxia tv how do you

106  
00:07:24,150 --> 00:07:15,189  
we have you loud and clear welcome

107  
00:07:29,909 --> 00:07:27,110  
awesome we are so excited thank you so

108  
00:07:31,830 --> 00:07:29,919  
much glad to have you here eric ball can

109  
00:07:36,469 --> 00:07:31,840  
you say hello to all your friends family

110  
00:07:41,029 --> 00:07:39,270  
hello to everyone out in atlanta i

111  
00:07:41,830 --> 00:07:41,039  
have a strong fondness for the atlanta

112  
00:07:42,710 --> 00:07:41,840  
area

113  
00:07:45,589 --> 00:07:42,720

and

114

00:07:47,749 --> 00:07:45,599

after the flight to talk to everyone

115

00:07:49,510 --> 00:07:47,759

there

116

00:07:51,510 --> 00:07:49,520

well colonel bo tell us now debbie

117

00:07:54,150 --> 00:07:51,520

huffman from the firm bank science

118

00:07:56,150 --> 00:07:54,160

center tells us you always wanted to be

119

00:08:01,589 --> 00:07:56,160

an astronaut talk a little bit about

120

00:08:05,270 --> 00:08:03,830

well atlanta really prepared me to

121

00:08:06,950 --> 00:08:05,280

do what i'm doing now

122

00:08:08,230 --> 00:08:06,960

there was a program at the fernbank

123

00:08:09,749 --> 00:08:08,240

science center and that's where i met

124

00:08:12,469 --> 00:08:09,759

debbie huffman i was doing it in a

125

00:08:14,070 --> 00:08:12,479

summer program and she

126

00:08:15,749 --> 00:08:14,080

got me interested

127

00:08:18,230 --> 00:08:15,759

they had some great educational science

128

00:08:21,189 --> 00:08:18,240

programs there and i've maintained

129

00:08:22,790 --> 00:08:21,199

contact with her over these years and so

130

00:08:26,469 --> 00:08:22,800

it's a

131

00:08:28,150 --> 00:08:26,479

great place to grow up and be ready and

132

00:08:29,749 --> 00:08:28,160

like you said i was ready i've been

133

00:08:30,950 --> 00:08:29,759

thinking about being an astronaut all my

134

00:08:33,589 --> 00:08:30,960

life and i was lucky enough to get the

135

00:08:35,509 --> 00:08:33,599

chance to do it

136

00:08:38,550 --> 00:08:35,519

awesome henderson

137

00:08:40,949 --> 00:08:38,560

henderson high school georgia tech you

138

00:08:46,389 --> 00:08:40,959

went on to be a fighter pilot first talk

139

00:08:51,910 --> 00:08:49,110

well i'm an aviation nut i really enjoy

140

00:08:54,550 --> 00:08:51,920

uh being a fighter pilot and

141

00:08:56,389 --> 00:08:54,560

as in the air force i was i flew the f4

142

00:08:59,030 --> 00:08:56,399

and the f-15c

143

00:09:00,470 --> 00:08:59,040

and great experience

144

00:09:02,389 --> 00:09:00,480

being on the shuttle is a lot like being

145

00:09:06,070 --> 00:09:02,399

in a fighter just a little higher up in

146

00:09:09,590 --> 00:09:07,750

and talk a little bit about what's going

147

00:09:12,310 --> 00:09:09,600

on there now for you got to be pretty

148

00:09:14,310 --> 00:09:12,320

exciting uh really

149

00:09:16,949 --> 00:09:14,320

also kind of melancholy too because this

150

00:09:23,030 --> 00:09:16,959

is the last flight for you guys uh there

151  
00:09:26,070 --> 00:09:24,550  
well we're all honored and privileged to

152  
00:09:27,269 --> 00:09:26,080  
get the opportunity to fly on board's

153  
00:09:29,750 --> 00:09:27,279  
discovery and come back up to the

154  
00:09:32,389 --> 00:09:29,760  
station we just put on the last u.s

155  
00:09:34,550 --> 00:09:32,399  
module pressurized module with the

156  
00:09:35,750 --> 00:09:34,560  
permanent

157  
00:09:37,190 --> 00:09:35,760  
pmm

158  
00:09:39,269 --> 00:09:37,200  
we ended up

159  
00:09:40,550 --> 00:09:39,279  
it's a great opportunity to see the

160  
00:09:42,710 --> 00:09:40,560  
planet we are obviously it's a

161  
00:09:45,030 --> 00:09:42,720  
bittersweet moment when we return

162  
00:09:47,670 --> 00:09:45,040  
discovery home but she's a great flying

163  
00:09:49,190 --> 00:09:47,680

machine and we leave a great legacy with

164

00:09:52,550 --> 00:09:49,200

the space shuttle with discovery being

165

00:09:56,790 --> 00:09:55,269

amazing folks are talking already about

166

00:09:59,269 --> 00:09:56,800

just what's going to go on a lot of

167

00:10:01,910 --> 00:09:59,279

pilots probably won't be used

168

00:10:03,590 --> 00:10:01,920

in the space program anymore so talk a

169

00:10:05,829 --> 00:10:03,600

little bit about how you feel since

170

00:10:07,670 --> 00:10:05,839

you're so prepared for this and you

171

00:10:12,550 --> 00:10:07,680

might not get that opportunity to pilot

172

00:10:15,430 --> 00:10:13,750

well hopefully if i'm lucky enough i'll

173

00:10:17,350 --> 00:10:15,440

get the chance to pilot some other

174

00:10:18,630 --> 00:10:17,360

vehicle in the future

175

00:10:20,710 --> 00:10:18,640

the uh

176

00:10:22,630 --> 00:10:20,720

it feels uh they are still going to be

177

00:10:24,710 --> 00:10:22,640

taking uh pilots into the astronaut

178

00:10:26,550 --> 00:10:24,720

program uh especially with the test

179

00:10:27,269 --> 00:10:26,560

pilot experience most of the pilots in

180

00:10:30,710 --> 00:10:27,279

the

181

00:10:32,710 --> 00:10:30,720

pilot experience and and that helps with

182

00:10:33,910 --> 00:10:32,720

a lot of the uh specialty work of

183

00:10:36,069 --> 00:10:33,920

checking out new vehicles and these

184

00:10:39,110 --> 00:10:36,079

vehicles don't fly very often so that's

185

00:10:40,790 --> 00:10:39,120

a good reason to bring in you know test

186

00:10:42,470 --> 00:10:40,800

flights the same kind of way every space

187

00:10:43,829 --> 00:10:42,480

shuttle flight we fly as a test flight

188

00:10:45,670 --> 00:10:43,839

and whatever new vehicle that we have

189

00:10:47,670 --> 00:10:45,680

come online after this is is going to

190

00:10:51,110 --> 00:10:47,680

need test flying as well so if i'm lucky

191

00:10:53,190 --> 00:10:51,120

i'll get the opportunity to do that

192

00:10:54,790 --> 00:10:53,200

uh awesome now talk a little bit about

193

00:10:56,389 --> 00:10:54,800

you know so much of what you all do

194

00:10:58,550 --> 00:10:56,399

people think of it as just being up in

195

00:11:00,470 --> 00:10:58,560

space and really not a big effect to

196

00:11:02,389 --> 00:11:00,480

what we have back here but you all have

197

00:11:04,230 --> 00:11:02,399

created and helped to create so many

198

00:11:06,150 --> 00:11:04,240

products that we use every day and the

199

00:11:08,710 --> 00:11:06,160

folks are using here

200

00:11:10,069 --> 00:11:08,720

right now the gps systems some other

201  
00:11:14,069 --> 00:11:10,079  
things can you talk a little bit about

202  
00:11:17,590 --> 00:11:15,509  
and there's all kinds of technologies

203  
00:11:19,269 --> 00:11:17,600  
that come out of the the space program

204  
00:11:20,550 --> 00:11:19,279  
and and right now that's the one the big

205  
00:11:21,910 --> 00:11:20,560  
purpose of the international space

206  
00:11:24,470 --> 00:11:21,920  
station is to continue that kind of

207  
00:11:27,350 --> 00:11:24,480  
research it's a national

208  
00:11:29,509 --> 00:11:27,360  
test facility and we're put

209  
00:11:31,990 --> 00:11:29,519  
we have over 150 experiments going on

210  
00:11:33,509 --> 00:11:32,000  
board the space station right now and

211  
00:11:35,269 --> 00:11:33,519  
just about anything that you can name of

212  
00:11:37,350 --> 00:11:35,279  
the small computers that everyone has

213  
00:11:39,110 --> 00:11:37,360

now the miniaturization all came through

214

00:11:40,870 --> 00:11:39,120

the a lot of that work came through the

215

00:11:43,030 --> 00:11:40,880

space program

216

00:11:44,949 --> 00:11:43,040

there are many other things that uh as

217

00:11:48,230 --> 00:11:44,959

well technologies that come along the

218

00:11:51,829 --> 00:11:49,910

nicole stop mike barry we're not going

219

00:11:53,990 --> 00:11:51,839

to leave you all hanging by there too we

220

00:11:54,790 --> 00:11:54,000

just you know don't get a chance to talk

221

00:11:59,030 --> 00:11:54,800

to

222

00:12:05,829 --> 00:11:59,040

experiences there with him what's he

223

00:12:11,269 --> 00:12:08,550

well you know we were talking earlier on

224

00:12:13,030 --> 00:12:11,279

another event that we have a crew of six

225

00:12:14,550 --> 00:12:13,040

amateur comedians but there's two of

226

00:12:16,230 --> 00:12:14,560

them that kind of stand out and keeping

227

00:12:17,590 --> 00:12:16,240

the rest of us in stitches and eric is

228

00:12:19,030 --> 00:12:17,600

one of those but

229

00:12:21,269 --> 00:12:19,040

you know he he mentioned that he's an

230

00:12:23,190 --> 00:12:21,279

aviation nut and he was a fighter pilot

231

00:12:24,389 --> 00:12:23,200

but a lot of us know him as an aviation

232

00:12:26,230 --> 00:12:24,399

instructor

233

00:12:28,310 --> 00:12:26,240

and we fly with him a lot and he's he's

234

00:12:30,069 --> 00:12:28,320

definitely got a teacher's hand and uh

235

00:12:33,269 --> 00:12:30,079

believe me if you can take a a doctor

236

00:12:34,949 --> 00:12:33,279

like me and make me fly supergiant jets

237

00:12:37,430 --> 00:12:34,959

effectively as a flight engineer then

238

00:12:39,590 --> 00:12:37,440

that really says something and overall

239

00:12:41,350 --> 00:12:39,600

he's just always on top of his game and

240

00:12:42,629 --> 00:12:41,360

just always all over the flight plan

241

00:12:45,430 --> 00:12:42,639

that we're trying to execute and just a

242

00:12:46,790 --> 00:12:45,440

pleasure to fly with

243

00:12:53,750 --> 00:12:46,800

manny's gonna have to pay you later for

244

00:12:57,350 --> 00:12:55,110

well one of the things that comes to

245

00:12:59,269 --> 00:12:57,360

mind especially with this flight is that

246

00:13:01,430 --> 00:12:59,279

the three of us here as well as two

247

00:13:04,150 --> 00:13:01,440

other of our crew members uh were part

248

00:13:06,069 --> 00:13:04,160

of the same astronaut class we

249

00:13:07,990 --> 00:13:06,079

are called the bugs and we were selected

250

00:13:10,069 --> 00:13:08,000

in the year 2000 so

251  
00:13:11,829 --> 00:13:10,079  
um when you mention comrade it's like

252  
00:13:14,069 --> 00:13:11,839  
there's a camaraderie here i think that

253  
00:13:15,590 --> 00:13:14,079  
is really deep we've spent a long time

254  
00:13:18,550 --> 00:13:15,600  
training together

255  
00:13:21,910 --> 00:13:18,560  
and um it's a real joy to get to fly

256  
00:13:23,910 --> 00:13:21,920  
with people like eric that

257  
00:13:27,110 --> 00:13:23,920  
that we work so hard with on the ground

258  
00:13:29,829 --> 00:13:27,120  
and like men like mike mentioned

259  
00:13:31,750 --> 00:13:29,839  
flying with eric both in airplanes uh

260  
00:13:33,910 --> 00:13:31,760  
close to our earth and on a space

261  
00:13:37,190 --> 00:13:33,920  
shuttle up here a little bit further

262  
00:13:40,230 --> 00:13:37,200  
away has just been a real joy he um out

263  
00:13:42,150 --> 00:13:40,240

of nowhere will make you just crack up

264

00:13:44,790 --> 00:13:42,160

and at the same time and i think it's

265

00:13:46,389 --> 00:13:44,800

it's one of these things that um i found

266

00:13:48,230 --> 00:13:46,399

really pleasant about some of the

267

00:13:50,629 --> 00:13:48,240

training that we have is that we have

268

00:13:54,230 --> 00:13:50,639

these true professionals people that

269

00:13:55,990 --> 00:13:54,240

are seriously and just in them know the

270

00:13:57,670 --> 00:13:56,000

technical stuff they need to know but on

271

00:13:59,750 --> 00:13:57,680

the other hand you have this personality

272

00:14:01,269 --> 00:13:59,760

that just makes it you know makes them

273

00:14:04,150 --> 00:14:01,279

the kind of people you want to be with

274

00:14:07,269 --> 00:14:04,160

especially when you're off the planet

275

00:14:10,790 --> 00:14:09,269

oh wonderful we've got two more quick

276

00:14:12,550 --> 00:14:10,800

things um

277

00:14:14,150 --> 00:14:12,560

back here at home eric we are doing

278

00:14:15,590 --> 00:14:14,160

something it's called rachel's challenge

279

00:14:18,550 --> 00:14:15,600

but it's adding a link getting people to

280

00:14:21,509 --> 00:14:18,560

do acts of kindness all over you guys

281

00:14:23,189 --> 00:14:21,519

are doing something huge for everyone on

282

00:14:25,990 --> 00:14:23,199

the planet would love for you to just

283

00:14:27,590 --> 00:14:26,000

say i'm eric bowe and i'm adding a link

284

00:14:29,910 --> 00:14:27,600

for us we'd love to use that line and

285

00:14:31,910 --> 00:14:29,920

we're going to get you to oh can i do

286

00:14:33,670 --> 00:14:31,920

that okay they told me cannot do it so

287

00:14:35,350 --> 00:14:33,680

uh the other thing i wanted to say is

288

00:14:36,710 --> 00:14:35,360

you guys have a big interview coming up

289

00:14:42,310 --> 00:14:36,720

later today you're going to be speaking

290

00:14:45,269 --> 00:14:43,750

that's right we'll be talking to the

291

00:14:48,870 --> 00:14:45,279

president later today and we're really

292

00:14:57,269 --> 00:14:50,389

all right some of the things that you

293

00:15:00,310 --> 00:14:59,110

i imagine he'll be talking some of the

294

00:15:02,310 --> 00:15:00,320

things that we've already talked about

295

00:15:03,590 --> 00:15:02,320

today the science that's going on board

296

00:15:05,829 --> 00:15:03,600

and you know the path forward to the

297

00:15:07,910 --> 00:15:05,839

future we obviously have the space

298

00:15:10,389 --> 00:15:07,920

shuttles retiring so i imagine he'll

299

00:15:11,430 --> 00:15:10,399

talk about the path forward that we plan

300

00:15:12,790 --> 00:15:11,440

on

301  
00:15:16,230 --> 00:15:12,800  
occurring and probably some other

302  
00:15:19,910 --> 00:15:17,829  
all right well we are so excited that

303  
00:15:21,910 --> 00:15:19,920  
you guys are having an opportunity to

304  
00:15:24,949 --> 00:15:21,920  
talk to us here really appreciate your

305  
00:15:26,790 --> 00:15:24,959  
time we will be using this very

306  
00:15:29,269 --> 00:15:26,800  
well in our newscast so thank you so

307  
00:15:34,550 --> 00:15:29,279  
much for your time and

308  
00:15:37,670 --> 00:15:36,550  
we thank you very much and we literally

309  
00:15:41,590 --> 00:15:37,680  
look forward to coming back to the

310  
00:15:43,910 --> 00:15:41,600  
atlanta area thank you very much

311  
00:15:46,629 --> 00:15:43,920  
discovery iss this is houston acr that

312  
00:15:47,509 --> 00:15:46,639  
concludes the wxia tv portion of the

313  
00:15:49,350 --> 00:15:47,519

event

314

00:15:58,790 --> 00:15:49,360

please stand by for a voice check from

315

00:16:06,230 --> 00:16:01,430

discovery iss this is fox news radio how

316

00:16:12,069 --> 00:16:07,749

we have you loud and clear welcome

317

00:16:16,150 --> 00:16:13,910

thank you for joining us this is evan

318

00:16:17,829 --> 00:16:16,160

brown from fox news radio in miami it's

319

00:16:19,990 --> 00:16:17,839

a pleasure to speak with you all again

320

00:16:22,150 --> 00:16:20,000

and because we're on the radio i'd ask

321

00:16:24,550 --> 00:16:22,160

that before each of you speak each time

322

00:16:26,470 --> 00:16:24,560

that you please identify yourselves

323

00:16:32,629 --> 00:16:26,480

but for a question for all three of you

324

00:16:36,710 --> 00:16:34,629

i am mission specialist michael barrett

325

00:16:38,389 --> 00:16:36,720

the mission is going great

326

00:16:40,389 --> 00:16:38,399

we've been up here i think we're on

327

00:16:42,389 --> 00:16:40,399

flight day eight right now and uh the

328

00:16:44,790 --> 00:16:42,399

good news is a lot of the hard stuff is

329

00:16:47,430 --> 00:16:44,800

behind us we've done a lot of robotics

330

00:16:49,350 --> 00:16:47,440

we've added new things a new storage

331

00:16:51,509 --> 00:16:49,360

module and a new cargo carrier to the

332

00:16:54,389 --> 00:16:51,519

international space station we've done

333

00:16:55,990 --> 00:16:54,399

two great space walks and now we can

334

00:16:57,670 --> 00:16:56,000

kind of relax a little bit those all

335

00:16:59,910 --> 00:16:57,680

went extremely well thanks a lot to the

336

00:17:01,430 --> 00:16:59,920

ground team and we can work on

337

00:17:03,509 --> 00:17:01,440

transferring some of the things from the

338

00:17:05,350 --> 00:17:03,519

shuttle to the station and uh back the

339

00:17:06,630 --> 00:17:05,360

other way and helping to unpack this

340

00:17:23,909 --> 00:17:06,640

great big new module that we just

341

00:17:27,750 --> 00:17:26,390

i am okay well uh thank you uh bo uh we

342

00:17:30,390 --> 00:17:27,760

know that we have a few people speaking

343

00:17:32,230 --> 00:17:30,400

with us uh um now i think pilot uh eric

344

00:17:33,990 --> 00:17:32,240

beau is with us and sir you're one of

345

00:17:36,549 --> 00:17:34,000

the people who gets to drive during

346

00:17:42,950 --> 00:17:36,559

discovery's final trek uh how's the ship

347

00:17:46,230 --> 00:17:44,310

she's

348

00:17:48,070 --> 00:17:46,240

definitely she has a lot of miles left

349

00:17:50,470 --> 00:17:48,080

in her but you know this is a the time

350

00:17:52,789 --> 00:17:50,480

that we talked about this uh about five

351

00:17:54,870 --> 00:17:52,799

or six years ago the plan was made to

352

00:17:56,710 --> 00:17:54,880

look at retiring to the shuttle it's

353

00:17:59,750 --> 00:17:56,720

been around for 30 years it has a great

354

00:18:02,470 --> 00:17:59,760

legacy and it's about time to move on to

355

00:18:05,510 --> 00:18:02,480

the future of the vehicles coming up in

356

00:18:09,350 --> 00:18:07,110

but how is she doing how is she

357

00:18:10,750 --> 00:18:09,360

performing on this mission is she uh is

358

00:18:12,830 --> 00:18:10,760

she holding up

359

00:18:14,870 --> 00:18:12,840

is she holding

360

00:18:16,549 --> 00:18:14,880

up you

361

00:18:18,870 --> 00:18:16,559

yeah i commented earlier today that

362

00:18:20,310 --> 00:18:18,880

she's looks brand new it looks like she

363

00:18:21,990 --> 00:18:20,320

this is our first flight so it's

364

00:18:23,750 --> 00:18:22,000

amazingly clean really a testament to

365

00:18:26,390 --> 00:18:23,760

the the teams that we have on the ground

366

00:18:28,070 --> 00:18:26,400

that maintain her and and train us

367

00:18:29,350 --> 00:18:28,080

everything's going great there's always

368

00:18:31,029 --> 00:18:29,360

some

369

00:18:32,870 --> 00:18:31,039

very minor things but that happens on

370

00:18:37,590 --> 00:18:32,880

every flight and that's part of what

371

00:18:41,750 --> 00:18:39,510

and we're also joined by mission

372

00:18:43,669 --> 00:18:41,760

specialist nicole stott you've had a

373

00:18:45,669 --> 00:18:43,679

previous stay on the international space

374

00:18:48,310 --> 00:18:45,679

station you're visiting now i believe

375

00:18:50,150 --> 00:18:48,320

you were last there in november of 2009.

376

00:18:52,070 --> 00:18:50,160

uh you can correct me on that if i'm

377

00:18:54,310 --> 00:18:52,080

wrong how does it look now is is it any

378

00:18:58,789 --> 00:18:54,320

different is it uh bigger do you still

379

00:19:03,190 --> 00:19:00,789

you know what was nice coming across the

380

00:19:05,190 --> 00:19:03,200

hatch is that i just how familiar and

381

00:19:07,590 --> 00:19:05,200

comfortable it felt

382

00:19:09,430 --> 00:19:07,600

but it is definitely bigger we have

383

00:19:11,270 --> 00:19:09,440

another couple module modules that have

384

00:19:13,110 --> 00:19:11,280

been added

385

00:19:15,909 --> 00:19:13,120

two down on the russian segment and then

386

00:19:18,310 --> 00:19:15,919

our node three and cupola the big

387

00:19:19,750 --> 00:19:18,320

panoramic window that we have and i have

388

00:19:21,270 --> 00:19:19,760

to say that was just you know one of

389

00:19:23,909 --> 00:19:21,280

those things that i think all of us were

390

00:19:25,990 --> 00:19:23,919

really looking forward to seeing and it

391

00:19:27,990 --> 00:19:26,000

is certainly a positive addition a

392

00:19:29,430 --> 00:19:28,000

really beautiful addition to the space

393

00:19:31,750 --> 00:19:29,440

station and

394

00:19:33,750 --> 00:19:31,760

provides us with opportunities to do

395

00:19:36,070 --> 00:19:33,760

robotics by looking out the window at

396

00:19:38,150 --> 00:19:36,080

the hardware that we're handling as well

397

00:19:43,270 --> 00:19:38,160

as to appreciate even more of the

398

00:19:47,669 --> 00:19:45,430

and michael barrett you were last aboard

399

00:19:49,510 --> 00:19:47,679

the space station uh before nicole i

400

00:19:51,270 --> 00:19:49,520

believe and and and you're getting the

401  
00:19:53,190 --> 00:19:51,280  
chance to look out the cupola as well

402  
00:19:55,350 --> 00:19:53,200  
what is it like for those of us who will

403  
00:19:57,350 --> 00:19:55,360  
likely never get the chance to to view

404  
00:19:58,710 --> 00:19:57,360  
space and the planet from from such a

405  
00:20:00,070 --> 00:19:58,720  
vantage point

406  
00:20:04,230 --> 00:20:00,080  
what are the impressions how could you

407  
00:20:07,750 --> 00:20:06,230  
well that's a great question um you know

408  
00:20:09,669 --> 00:20:07,760  
i think we're all kind of wired to

409  
00:20:11,590 --> 00:20:09,679  
appreciate natural beauty no matter who

410  
00:20:13,830 --> 00:20:11,600  
you are where you came from or what time

411  
00:20:15,990 --> 00:20:13,840  
in history everybody looks at a a

412  
00:20:17,830 --> 00:20:16,000  
mountain or a lake or the ocean and just

413  
00:20:21,110 --> 00:20:17,840

realizes how beautiful it is we have

414

00:20:22,710 --> 00:20:21,120

those senses in inherent in us and i can

415

00:20:24,390 --> 00:20:22,720

tell you that up here those senses can

416

00:20:25,990 --> 00:20:24,400

almost be overwhelmed when you're

417

00:20:28,710 --> 00:20:26,000

looking out and you see the curvature of

418

00:20:29,909 --> 00:20:28,720

the earth and this magnificent blue

419

00:20:31,430 --> 00:20:29,919

planet just hanging there in the

420

00:20:33,830 --> 00:20:31,440

blackness of space it really does kind

421

00:20:35,750 --> 00:20:33,840

of take your breath away and that huge

422

00:20:37,990 --> 00:20:35,760

window that cupola gives us a view like

423

00:20:40,950 --> 00:20:38,000

we've just never had before it's it's

424

00:20:42,710 --> 00:20:40,960

absolutely magnificent there it also uh

425

00:20:44,390 --> 00:20:42,720

really helps us as nicole said when

426

00:20:46,310 --> 00:20:44,400

we're doing things like

427

00:20:48,549 --> 00:20:46,320

the robotics we're moving a great big

428

00:20:49,590 --> 00:20:48,559

robotic arm and a great big payload on

429

00:20:51,669 --> 00:20:49,600

the end of it

430

00:20:53,110 --> 00:20:51,679

it makes it a lot safer a lot more

431

00:20:55,110 --> 00:20:53,120

effective to be able to see that

432

00:20:58,789 --> 00:20:55,120

directly so it's a direction that we

433

00:21:01,669 --> 00:21:00,390

and this question is for all three of

434

00:21:03,430 --> 00:21:01,679

you and if you could all pass the mic

435

00:21:05,430 --> 00:21:03,440

around just so uh we could we could hear

436

00:21:07,110 --> 00:21:05,440

all of your answers um you know you're

437

00:21:08,950 --> 00:21:07,120

getting to ride on discovery for her

438

00:21:11,190 --> 00:21:08,960

last mission and i know you're very much

439

00:21:12,950 --> 00:21:11,200

concentrating on completing the mission

440

00:21:14,710 --> 00:21:12,960

at hand but surely you've had a chance

441

00:21:16,310 --> 00:21:14,720

for reflection and what do you think you

442

00:21:18,870 --> 00:21:16,320

will tell people about flying and

443

00:21:20,070 --> 00:21:18,880

discovery and the other shuttles you

444

00:21:21,909 --> 00:21:20,080

know when you talk about this in the

445

00:21:27,430 --> 00:21:21,919

future how are you going to look back at

446

00:21:31,909 --> 00:21:29,510

well i think this is nicole and i think

447

00:21:34,070 --> 00:21:31,919

eric said it um

448

00:21:35,669 --> 00:21:34,080

very correctly that you know it really

449

00:21:36,549 --> 00:21:35,679

is an honor and a privilege to be able

450

00:21:39,350 --> 00:21:36,559

to

451  
00:21:41,350 --> 00:21:39,360  
at any point in time and the and the

452  
00:21:42,710 --> 00:21:41,360  
fact that we're on this final flight i

453  
00:21:45,669 --> 00:21:42,720  
think

454  
00:21:47,510 --> 00:21:45,679  
you know really stands out to us it's um

455  
00:21:49,830 --> 00:21:47,520  
it's a real opportunity i think to

456  
00:21:51,590 --> 00:21:49,840  
celebrate the just really great things

457  
00:21:54,310 --> 00:21:51,600  
that have gone on with

458  
00:21:56,549 --> 00:21:54,320  
um with discovery and her fine history

459  
00:21:59,430 --> 00:21:56,559  
and uh the part of the space shuttle

460  
00:22:01,270 --> 00:21:59,440  
program that uh discovery participated

461  
00:22:03,350 --> 00:22:01,280  
in which was a big one um it's done

462  
00:22:05,990 --> 00:22:03,360  
everything from you know deploying

463  
00:22:08,070 --> 00:22:06,000

satellites on a you know on a standalone

464

00:22:10,549 --> 00:22:08,080

flight working as an orbiting laboratory

465

00:22:13,190 --> 00:22:10,559

on its own and um significantly

466

00:22:14,789 --> 00:22:13,200

contributing to the flights that

467

00:22:17,590 --> 00:22:14,799

went into building the international

468

00:22:19,110 --> 00:22:17,600

space station and i know i have to admit

469

00:22:20,549 --> 00:22:19,120

you know i think when we walk away from

470

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

her on the runway

471

00:22:24,070 --> 00:22:22,400

after we land it's there's going to be

472

00:22:26,470 --> 00:22:24,080

tears in my eyes i know i worked with

473

00:22:29,270 --> 00:22:26,480

her at kennedy space center and the

474

00:22:32,870 --> 00:22:29,280

chance to fly has just been um

475

00:22:36,310 --> 00:22:34,390

as mike barrett

476

00:22:37,830 --> 00:22:36,320

you know over probably a four century

477

00:22:40,630 --> 00:22:37,840

span there's been a lot of ships of

478

00:22:43,110 --> 00:22:40,640

discovery named discovery all these were

479

00:22:45,190 --> 00:22:43,120

dedicated to exploration and science

480

00:22:48,390 --> 00:22:45,200

and uh these were captained by everybody

481

00:22:50,149 --> 00:22:48,400

from henry hudson to george vancouver

482

00:22:51,750 --> 00:22:50,159

there was a discovery on captain cook's

483

00:22:53,190 --> 00:22:51,760

second voyage

484

00:22:54,870 --> 00:22:53,200

there was one that went to the antarctic

485

00:22:58,149 --> 00:22:54,880

with shackleton

486

00:23:00,630 --> 00:22:58,159

there's a rich legacy of uh of history

487

00:23:02,549 --> 00:23:00,640

inherent in the name discovery and uh to

488

00:23:04,390 --> 00:23:02,559

be able to uh take the final flight of

489

00:23:06,789 --> 00:23:04,400

this discovery is just an incredible

490

00:23:08,310 --> 00:23:06,799

honor and privilege and uh boy i think

491

00:23:10,070 --> 00:23:08,320

we've really set the bar high for the

492

00:23:11,990 --> 00:23:10,080

next vessel to bear that name and and i

493

00:23:15,990 --> 00:23:12,000

just hope it goes a lot further and does

494

00:23:19,909 --> 00:23:17,669

eric bowe here

495

00:23:21,510 --> 00:23:19,919

i think the thing that

496

00:23:23,669 --> 00:23:21,520

it will really strike home to me when we

497

00:23:25,750 --> 00:23:23,679

actually do the walk around when we land

498

00:23:27,029 --> 00:23:25,760

because obviously we're concentrating at

499

00:23:28,950 --> 00:23:27,039

the mission at hand occasionally we

500

00:23:31,029 --> 00:23:28,960

think about the the legacy that

501  
00:23:32,950 --> 00:23:31,039  
discovery has but i think for me after

502  
00:23:34,710 --> 00:23:32,960  
we do the walk around and as nicole said

503  
00:23:36,950 --> 00:23:34,720  
a tear is going to come to the eye

504  
00:23:39,190 --> 00:23:36,960  
and the big word that i could describe

505  
00:23:40,870 --> 00:23:39,200  
is with the pride i mean it's people

506  
00:23:43,269 --> 00:23:40,880  
that make the ship all the ships we've

507  
00:23:45,510 --> 00:23:43,279  
had as mike was saying with discovery

508  
00:23:47,430 --> 00:23:45,520  
we've had a lot a line of ships named

509  
00:23:49,029 --> 00:23:47,440  
discovery but it's the people behind

510  
00:23:51,190 --> 00:23:49,039  
those ships that made the difference and

511  
00:23:53,909 --> 00:23:51,200  
just like that it's the people that make

512  
00:23:57,350 --> 00:23:53,919  
discovery the space shuttle such a great

513  
00:24:00,549 --> 00:23:59,110

well thank you all three of you really

514

00:24:02,230 --> 00:24:00,559

for taking some time this morning to

515

00:24:04,230 --> 00:24:02,240

Speak with me

516

00:24:05,590 --> 00:24:04,240

We wish you all the best enjoy that

517

00:24:07,350 --> 00:24:05,600

extra day that they gave you at the

518

00:24:08,870 --> 00:24:07,360

space station and in space and and we'll

519

00:24:12,710 --> 00:24:08,880

see you back at the Kennedy Space Center

520

00:24:17,269 --> 00:24:14,390

We are all looking forward to see you

521

00:24:21,110 --> 00:24:18,710

Discovery

522

00:24:25,110 --> 00:24:21,120

ISS this is Houston AC that concludes

523

00:24:32,149 --> 00:24:29,510

and thank you to MSNBC, WXIA-TV, and FOX