



1  
00:00:42,719 --> 00:00:47,029  
oh

2  
00:00:54,470 --> 00:00:49,590  
from the bush to the opera house

3  
00:01:09,830 --> 00:00:54,480  
and tomorrow's just another town to show

4  
00:01:09,840 --> 00:01:24,950  
such a lot to

5  
00:01:33,350 --> 00:01:29,429  
southern oh and freedom ever shine

6  
00:01:34,310 --> 00:01:33,360  
my song is for australia every time i

7  
00:01:48,389 --> 00:01:34,320  
pray

8  
00:01:52,789 --> 00:01:50,310  
good morning endeavor mir and especially

9  
00:01:55,030 --> 00:01:52,799  
to andy this being of course australia

10  
00:01:57,030 --> 00:01:55,040  
day

11  
00:01:59,910 --> 00:01:57,040  
good morning houston and good morning

12  
00:02:01,830 --> 00:01:59,920  
mark greetings from space and uh happy

13  
00:02:09,749 --> 00:02:01,840

birthday to australia from the crew of

14

00:02:09,759 --> 00:02:12,630

houston endeavor

15

00:02:12,640 --> 00:02:16,949

terry we see and hear you go ahead

16

00:02:20,630 --> 00:02:19,190

good uh just talked with andy he's very

17

00:02:22,949 --> 00:02:20,640

pleased with his suit fit they did

18

00:02:24,869 --> 00:02:22,959

adjust it it fits the way it was

19

00:02:26,470 --> 00:02:24,879

supposed to fit to begin with so he's

20

00:02:29,270 --> 00:02:26,480

very happy with it that includes the

21

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

well that's great news terry you can

22

00:02:34,869 --> 00:02:33,040

pass on that we

23

00:02:36,949 --> 00:02:34,879

have been working this pretty hard here

24

00:02:38,470 --> 00:02:36,959

on the ground to try and get to that

25

00:02:42,309 --> 00:02:38,480

conclusion we're very happy to hear that

26

00:02:45,110 --> 00:02:43,750

yeah that's all taken care of and if

27

00:02:47,670 --> 00:02:45,120

you're meeting with bill reidy please

28

00:03:09,030 --> 00:02:47,680

tell him we said hello

29

00:03:13,350 --> 00:03:11,430

good evening to all of you from phoenix

30

00:03:15,509 --> 00:03:13,360

if i could address perhaps this first

31

00:03:16,630 --> 00:03:15,519

question to mission specialist andrew

32

00:03:19,190 --> 00:03:16,640

thomas

33

00:03:21,589 --> 00:03:19,200

andrew we've heard much talk today about

34

00:03:23,509 --> 00:03:21,599

this space suit that apparently did not

35

00:03:28,790 --> 00:03:23,519

fit maybe you could tell us about that

36

00:03:32,630 --> 00:03:30,710

uh yeah the suit that i would wear in

37

00:03:34,789 --> 00:03:32,640

the event of needing to do an emergency

38

00:03:37,030 --> 00:03:34,799

evacuation in the soils

39

00:03:39,670 --> 00:03:37,040

uh it wasn't quite sized properly and

40

00:03:41,589 --> 00:03:39,680

when i tried it on yesterday and to do a

41

00:03:43,589 --> 00:03:41,599

pressure test of the suit it wouldn't

42

00:03:44,869 --> 00:03:43,599

fit i couldn't get it on this morning we

43

00:03:47,110 --> 00:03:44,879

made some adjustments there's some

44

00:03:48,630 --> 00:03:47,120

adjusting strokes on the suit and after

45

00:03:49,910 --> 00:03:48,640

we did that i was able to down and off

46

00:03:51,589 --> 00:03:49,920

the suit properly and we did the

47

00:03:52,869 --> 00:03:51,599

pressure checks and it worked out fine

48

00:03:54,710 --> 00:03:52,879

now so

49

00:03:56,309 --> 00:03:54,720

i feel good about it

50

00:03:58,869 --> 00:03:56,319

that's why you should never travel

51  
00:04:02,149 --> 00:03:58,879  
without your sewing kit okay if i could

52  
00:04:04,550 --> 00:04:02,159  
talk to commander terence wilcott now

53  
00:04:07,030 --> 00:04:04,560  
commander why don't you describe the

54  
00:04:12,149 --> 00:04:07,040  
area that you're in for us and maybe

55  
00:04:17,270 --> 00:04:14,229  
well it's uh we're in the mirror base

56  
00:04:19,349 --> 00:04:17,280  
block and uh this is uh the area we're

57  
00:04:21,830 --> 00:04:19,359  
surrounding is their kitchen table

58  
00:04:24,070 --> 00:04:21,840  
basically and i guess like uh most homes

59  
00:04:26,469 --> 00:04:24,080  
uh guests like to gather in the kitchen

60  
00:04:28,629 --> 00:04:26,479  
and also in here we have the cosmonauts

61  
00:04:30,469 --> 00:04:28,639  
sleeping quarters off to right just

62  
00:04:32,150 --> 00:04:30,479  
behind me to the left and over to the

63  
00:04:33,270 --> 00:04:32,160

right

64

00:04:35,670 --> 00:04:33,280

they've got

65

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

the main control for the entire

66

00:04:39,030 --> 00:04:37,360

newer space station located in front of

67

00:04:40,230 --> 00:04:39,040

us behind the camera as you would be

68

00:04:42,230 --> 00:04:40,240

looking at us

69

00:04:45,350 --> 00:04:42,240

and also there's other things that would

70

00:04:46,710 --> 00:04:45,360

make life comfortable here there's a

71

00:04:49,590 --> 00:04:46,720

cassette player

72

00:04:51,830 --> 00:04:49,600

other lots of camera equipment movies

73

00:04:54,070 --> 00:04:51,840

books you name it this is where people

74

00:04:56,870 --> 00:04:54,080

gather to live

75

00:04:59,830 --> 00:04:56,880

also pilot joe edwards is uh joe frank

76  
00:05:02,390 --> 00:04:59,840  
edwards is also aboard i'm assuming that

77  
00:05:04,629 --> 00:05:02,400  
there's been much talk about sending

78  
00:05:06,790 --> 00:05:04,639  
john glenn back into space there that's

79  
00:05:11,029 --> 00:05:06,800  
been a lot of talk amongst the crew what

80  
00:05:15,430 --> 00:05:13,749  
well we're actually we're all excited to

81  
00:05:17,110 --> 00:05:15,440  
see him coming back to the office and

82  
00:05:19,430 --> 00:05:17,120  
looking forward to sitting around with

83  
00:05:20,870 --> 00:05:19,440  
him and talking and and i guess pretty

84  
00:05:23,430 --> 00:05:20,880  
much everyone here looks forward to

85  
00:05:25,510 --> 00:05:23,440  
having the opportunity to fly with him

86  
00:05:27,830 --> 00:05:25,520  
okay endeavor this is wsbt how do you

87  
00:05:30,070 --> 00:05:27,840  
hear me

88  
00:05:31,749 --> 00:05:30,080

loud and clear go right ahead

89

00:05:34,550 --> 00:05:31,759

all right some questions for our fellow

90

00:05:36,550 --> 00:05:34,560

hoosier uh dr wolfe who was up there uh

91

00:05:39,350 --> 00:05:36,560

doctor you have just passed a milestone

92

00:05:41,110 --> 00:05:39,360

of sorts four months in space uh

93

00:05:43,590 --> 00:05:41,120

question would be despite the rigorous

94

00:05:46,150 --> 00:05:43,600

training that you go through any mental

95

00:05:47,990 --> 00:05:46,160

or physical problems that you never

96

00:05:50,870 --> 00:05:48,000

thought of being up in space for four

97

00:05:55,830 --> 00:05:53,270

well it surprised me just how good a

98

00:05:57,670 --> 00:05:55,840

person can feel in space uh even after

99

00:05:59,110 --> 00:05:57,680

four months i still feel better and

100

00:06:01,510 --> 00:05:59,120

better every day

101  
00:06:03,029 --> 00:06:01,520  
and uh it's amazing the human body can

102  
00:06:04,950 --> 00:06:03,039  
adapt so well

103  
00:06:06,309 --> 00:06:04,960  
it's a heavy workload and that's

104  
00:06:08,150 --> 00:06:06,319  
something that you just have to be

105  
00:06:10,790 --> 00:06:08,160  
prepared to do when you work in space

106  
00:06:13,110 --> 00:06:10,800  
but we got a lot done

107  
00:06:15,990 --> 00:06:13,120  
uh you will have a colleague in space

108  
00:06:18,230 --> 00:06:16,000  
senator john glenn who was a good by the

109  
00:06:19,670 --> 00:06:18,240  
time he gets up there he's 35 years

110  
00:06:21,430 --> 00:06:19,680  
older than you

111  
00:06:25,990 --> 00:06:21,440  
your view on that of course he's a man

112  
00:06:30,390 --> 00:06:28,870  
i think that would just be fantastic to

113  
00:06:32,550 --> 00:06:30,400

bring senator glenn back into the

114

00:06:34,390 --> 00:06:32,560

astronaut office and to fly again it

115

00:06:37,350 --> 00:06:34,400

would be a great privilege any of us

116

00:06:39,189 --> 00:06:37,360

would love to do that

117

00:06:41,189 --> 00:06:39,199

uh if you could tell us uh the image of

118

00:06:42,950 --> 00:06:41,199

the space station mirror and to a great

119

00:06:45,110 --> 00:06:42,960

degree it's perpetuated by stand-up

120

00:06:46,950 --> 00:06:45,120

comics uh down here on earth is that

121

00:06:49,830 --> 00:06:46,960

it's somehow a contraption held together

122

00:06:53,909 --> 00:06:49,840

by duct tape and baling wire that can't

123

00:06:58,629 --> 00:06:55,189

well i can assure you that the

124

00:07:01,189 --> 00:06:58,639

workmanship is of the highest quality

125

00:07:03,029 --> 00:07:01,199

possible the welds are the finest

126

00:07:05,270 --> 00:07:03,039

quality all the electrical wiring and

127

00:07:07,189 --> 00:07:05,280

connectors are pristine

128

00:07:10,469 --> 00:07:07,199

uh of course it could use some new

129

00:07:13,270 --> 00:07:10,479

carpet and uh some fixing up but it's

130

00:07:16,469 --> 00:07:13,280

mostly cosmetic it's a very safe station

131

00:07:18,469 --> 00:07:16,479

and commander celovia here maintains it

132

00:07:21,110 --> 00:07:18,479

and as does provo

133

00:07:23,670 --> 00:07:21,120

vinogradov the main engineer

134

00:07:25,430 --> 00:07:23,680

in top condition

135

00:07:26,870 --> 00:07:25,440

uh doctor why don't you tell us

136

00:07:28,950 --> 00:07:26,880

what we see on the screen what is

137

00:07:32,150 --> 00:07:28,960

surrounding you up there right now that

138

00:07:34,870 --> 00:07:33,909

what you're looking at is the dinner

139

00:07:37,029 --> 00:07:34,880

table

140

00:07:39,029 --> 00:07:37,039

and kind of the main living area where

141

00:07:39,830 --> 00:07:39,039

people gather there's some tools over

142

00:07:44,550 --> 00:07:39,840

there

143

00:07:46,550 --> 00:07:44,560

computers where we receive mail and

144

00:07:48,870 --> 00:07:46,560

operational information

145

00:07:52,070 --> 00:07:48,880

this is where we get water

146

00:07:55,110 --> 00:07:52,080

that's the food over there so this is

147

00:07:58,309 --> 00:07:55,120

kind of a kitchen gathering place and

148

00:08:00,390 --> 00:07:58,319

also kind of a work table area

149

00:08:03,350 --> 00:08:00,400

doctor your view uh somewhere down the

150

00:08:08,070 --> 00:08:03,360

road of the merits of say a u.s based

151

00:08:11,830 --> 00:08:10,070

well it's an international space station

152

00:08:13,350 --> 00:08:11,840

on the books we'll begin assembling it

153

00:08:15,670 --> 00:08:13,360

later this year

154

00:08:19,909 --> 00:08:15,680

and it includes many countries europe

155

00:08:22,950 --> 00:08:19,919

japan uh south america north uh canada

156

00:08:25,029 --> 00:08:22,960

uh and of course our main partners are

157

00:08:26,629 --> 00:08:25,039

russia and in fact we're on of course a

158

00:08:28,950 --> 00:08:26,639

russian space station right now and they

159

00:08:31,270 --> 00:08:28,960

bring a great deal of experience

160

00:08:32,709 --> 00:08:31,280

to the table

161

00:08:41,190 --> 00:08:32,719

uh i have to ask did you get to watch

162

00:08:45,990 --> 00:08:44,870

did we get to watch it no i'm afraid not

163

00:08:47,670 --> 00:08:46,000

because there was some talk that they

164

00:08:48,949 --> 00:08:47,680

might try to get the feed to you but you

165

00:08:50,150 --> 00:08:48,959

you didn't get to see it i was just

166

00:08:51,670 --> 00:08:50,160

wondering what your

167

00:08:53,670 --> 00:08:51,680

russian colleagues might have thought of

168

00:08:59,990 --> 00:08:53,680

american football up there but they were

169

00:09:00,000 --> 00:09:03,670

so while we asked them

170

00:09:20,150 --> 00:09:05,190

football

171

00:09:24,310 --> 00:09:22,150

you have to not only live it and feel it

172

00:09:26,470 --> 00:09:24,320

to be able to appreciate it

173

00:09:28,310 --> 00:09:26,480

well he said that he's only one time

174

00:09:30,949 --> 00:09:28,320

been to a real american football game

175

00:09:33,910 --> 00:09:30,959

but it's not a big tradition in russia

176

00:09:36,310 --> 00:09:33,920

but uh as in any sport event it's a

177

00:09:38,710 --> 00:09:36,320

great thing to go to

178

00:09:40,949 --> 00:09:38,720

and doctor final question for you what

179

00:09:43,990 --> 00:09:40,959

has this meant to you personally you

180

00:09:54,550 --> 00:09:44,000

know expanding your thoughts your mind

181

00:09:58,870 --> 00:09:56,550

it's incredible what it what this does

182

00:10:00,550 --> 00:09:58,880

psychologically to a person uh to be

183

00:10:02,829 --> 00:10:00,560

away from the earth and then come back i

184

00:10:10,790 --> 00:10:02,839

can only hope that i can drag back the

185

00:10:14,389 --> 00:10:12,550

pulling in in your car to a stop and go

186

00:10:16,710 --> 00:10:14,399

and getting a cup of coffee sounds like

187

00:10:18,470 --> 00:10:16,720

just a great great deal of fun to me and

188

00:10:20,150 --> 00:10:18,480

i hope that every little thing is as fun

189

00:10:22,790 --> 00:10:20,160

as it seems like it will be i'm going to

190

00:10:24,470 --> 00:10:22,800

try to hold on to that

191

00:10:25,990 --> 00:10:24,480

that would be what would what's your

192

00:10:36,150 --> 00:10:26,000

lasting memory you think will be of

193

00:10:40,310 --> 00:10:38,310

it's our partnership between the people

194

00:10:41,030 --> 00:10:40,320

the relationship that we develop between

195

00:10:43,829 --> 00:10:41,040

the

196

00:10:44,949 --> 00:10:43,839

between ourselves and in fact that's a

197

00:10:46,949 --> 00:10:44,959

big part of the goal of the

198

00:10:48,710 --> 00:10:46,959

international space station is to it's

199

00:10:50,870 --> 00:10:48,720

probably the biggest project ever been

200

00:10:52,710 --> 00:10:50,880

attempted in peace time between

201

00:10:55,350 --> 00:10:52,720

countries and uh

202

00:10:58,389 --> 00:10:55,360

it it'll be a great difficulty and a

203

00:11:01,190 --> 00:10:58,399

great uh benefit to as we do this

204

00:11:03,110 --> 00:11:01,200

international space station

205

00:11:09,430 --> 00:11:03,120

it must make you feel that it really is

206

00:11:13,430 --> 00:11:11,190

yeah we get around it about every hour

207

00:11:14,870 --> 00:11:13,440

and a half

208

00:11:16,870 --> 00:11:14,880

where are you right now as we are

209

00:11:18,550 --> 00:11:16,880

speaking you are still over russia i

210

00:11:23,350 --> 00:11:18,560

knew you were as before we went into the

211

00:11:27,269 --> 00:11:25,350

we're just approaching the east coming

212

00:11:29,190 --> 00:11:27,279

off the east coast of siberia

213

00:11:32,389 --> 00:11:29,200

approaching japan

214

00:11:34,470 --> 00:11:32,399

in the western pacific

215

00:11:36,710 --> 00:11:34,480

when we first started talking with you

216

00:11:37,509 --> 00:11:36,720

we were just north of india we've maybe

217

00:11:41,030 --> 00:11:37,519

gone

218

00:11:44,949 --> 00:11:43,350

to those of us who are you know forever

219

00:11:46,630 --> 00:11:44,959

down here on earth i mean it just it

220

00:11:48,790 --> 00:11:46,640

seems so fascinating i mean

221

00:11:49,990 --> 00:11:48,800

almost you can't even understand it

222

00:11:52,150 --> 00:11:50,000

did you really have to get up there

223

00:11:54,230 --> 00:11:52,160

doctor to to get a feel for all of that

224

00:11:59,030 --> 00:11:54,240

no matter how much training you had you

225

00:12:03,910 --> 00:12:01,910

i guess uh the the space travelers

226

00:12:06,710 --> 00:12:03,920

paradox is that

227

00:12:08,310 --> 00:12:06,720

it's it's incredible to describe the

228

00:12:11,350 --> 00:12:08,320

feelings and the

229

00:12:12,550 --> 00:12:11,360

the emotions and what you see

230

00:12:13,910 --> 00:12:12,560

in space

231

00:12:16,230 --> 00:12:13,920

uh

232

00:12:18,389 --> 00:12:16,240

it's frustrating to try to describe but

233

00:12:20,550 --> 00:12:18,399

you and in fact you do have to be here

234

00:12:22,310 --> 00:12:20,560

to feel it but we sure want to try to

235

00:12:23,910 --> 00:12:22,320

share it with the whole world in fact we

236

00:12:26,150 --> 00:12:23,920

look at that as an important part of our

237

00:12:28,230 --> 00:12:26,160

job

238

00:12:30,310 --> 00:12:28,240

and doctor tell us then just how your

239

00:12:32,069 --> 00:12:30,320

journey will finish give us the dates

240

00:12:38,710 --> 00:12:32,079

and the times where you'll be landing in

241

00:12:43,030 --> 00:12:40,389

uh

242

00:12:44,389 --> 00:12:43,040

we're going to be unbacking day after

243

00:12:46,629 --> 00:12:44,399

tomorrow

244

00:12:49,269 --> 00:12:46,639

and then we'll spend a day and a half in

245

00:12:51,110 --> 00:12:49,279

orbit preparing for entry and

246

00:12:54,150 --> 00:12:51,120

then this great crew that's practiced so

247

00:12:56,230 --> 00:12:54,160

hard to do fly the space shuttle will

248

00:12:59,509 --> 00:12:56,240

do their good work and we will land on

249

00:13:03,190 --> 00:12:59,519

the 31st i believe at about six in the

250

00:13:05,269 --> 00:13:03,200

evening roughly florida time

251  
00:13:08,949 --> 00:13:05,279  
and as they say god speak to you thank

252  
00:13:16,389 --> 00:13:08,959  
you endeavor wsbt clear

253  
00:13:20,310 --> 00:13:18,230  
it looks like we're getting down to the

254  
00:13:23,190 --> 00:13:20,320  
end of things here pretty we've got to

255  
00:13:25,030 --> 00:13:23,200  
take out the mgbx tonight yet and change

256  
00:13:27,190 --> 00:13:25,040  
over this uh

257  
00:13:29,269 --> 00:13:27,200  
tissue culture equipment

258  
00:13:31,910 --> 00:13:29,279  
but i think we're pretty much closing

259  
00:13:34,389 --> 00:13:31,920  
out most of our items uh we've got a few

260  
00:13:35,590 --> 00:13:34,399  
hard ones yet that we're waiting on but

261  
00:13:37,110 --> 00:13:35,600  
uh

262  
00:13:38,949 --> 00:13:37,120  
they're little items that i think we can

263  
00:13:41,269 --> 00:13:38,959

come home without that's how i see it

264

00:13:43,430 --> 00:13:41,279

right now

265

00:13:45,030 --> 00:13:43,440

glad to hear it dave i know you've had a

266

00:13:46,870 --> 00:13:45,040

very busy four months and i know that

267

00:13:49,590 --> 00:13:46,880

the guys who brought endeavor up to you

268

00:13:51,190 --> 00:13:49,600

have had an extremely busy four days so

269

00:13:56,230 --> 00:13:51,200

we'd be happy to have the pace slacking

270

00:13:59,829 --> 00:13:57,590

very good i'll tell you the team's quick

271

00:14:01,430 --> 00:13:59,839

and real nice up here and

272

00:14:02,790 --> 00:14:01,440

it's just a pleasure

273

00:14:05,430 --> 00:14:02,800

being with

274

00:14:06,790 --> 00:14:05,440

my american friends again and

275

00:14:08,470 --> 00:14:06,800

this whole thing's just a wonderful

276

00:14:10,069 --> 00:14:08,480

experience i can't wait to see on the

277

00:14:12,230 --> 00:14:10,079

ground and

278

00:14:16,470 --> 00:14:12,240

and maybe you'll get dragged me through