



1
00:00:09,430 --> 00:00:05,749
station this is houston are you ready

2
00:00:15,190 --> 00:00:11,749
we're ready for the event

3
00:00:18,710 --> 00:00:15,200
kxtv this is houston please call station

4
00:00:27,429 --> 00:00:22,950
endeavor iss this is kxtv tv how do you

5
00:00:27,439 --> 00:00:32,870
iss and endeavor have you loud and clear

6
00:00:36,950 --> 00:00:34,470
good to hear well

7
00:00:39,270 --> 00:00:36,960
greetings from sacramento california

8
00:00:42,229 --> 00:00:39,280
we feel a personal connection to steve

9
00:00:44,310 --> 00:00:42,239
robinson who's from sacramento so steve

10
00:00:46,709 --> 00:00:44,320
i'd like to begin with you and hear your

11
00:00:48,310 --> 00:00:46,719
thoughts on the shuttle program ending

12
00:00:51,029 --> 00:00:48,320
this year but still leaving behind a

13
00:00:53,830 --> 00:00:51,039

remarkable legacy in the space station

14

00:00:58,790 --> 00:00:53,840

and the hubble telescope is this mission

15

00:01:03,110 --> 00:01:01,670

well hello sacramento my hometown and uh

16

00:01:04,950 --> 00:01:03,120

i'd like you to meet

17

00:01:06,469 --> 00:01:04,960

all my good crewmates and friends here

18

00:01:09,270 --> 00:01:06,479

from the shuttle endeavor and the space

19

00:01:11,990 --> 00:01:09,280

station international space station

20

00:01:13,270 --> 00:01:12,000

thanks for visiting us and uh i couldn't

21

00:01:15,190 --> 00:01:13,280

have said it any better myself this

22

00:01:17,749 --> 00:01:15,200

wonderful legacy of the shuttle program

23

00:01:20,070 --> 00:01:17,759

is this unbelievable space station when

24

00:01:21,030 --> 00:01:20,080

we approached it yesterday from uh from

25

00:01:22,870 --> 00:01:21,040

below

26
00:01:25,190 --> 00:01:22,880
to look up and see what humankind could

27
00:01:26,870 --> 00:01:25,200
really accomplish in space was

28
00:01:28,630 --> 00:01:26,880
just almost impossible to believe it

29
00:01:30,789 --> 00:01:28,640
seemed like science fiction and now here

30
00:01:33,830 --> 00:01:30,799
we are with uh human beings that are

31
00:01:35,590 --> 00:01:33,840
living on board and that truly is the

32
00:01:39,590 --> 00:01:35,600
amazing legacy of the space shuttle

33
00:01:45,030 --> 00:01:41,590
steve this will be a decade when more

34
00:01:46,310 --> 00:01:45,040
humans even civilians get to experience

35
00:01:48,630 --> 00:01:46,320
space flight

36
00:01:58,389 --> 00:01:48,640
do you find looking down on earth from

37
00:02:02,789 --> 00:02:00,310
yeah i think it really does broaden your

38
00:02:04,709 --> 00:02:02,799

view of of humans place in the universe

39

00:02:05,910 --> 00:02:04,719

and and uh

40

00:02:08,150 --> 00:02:05,920

i guess when you're in space looking

41

00:02:09,029 --> 00:02:08,160

down on the earth you feel more like

42

00:02:10,869 --> 00:02:09,039

you know

43

00:02:12,470 --> 00:02:10,879

a citizen of the planet

44

00:02:14,550 --> 00:02:12,480

even more than your own patriotic

45

00:02:15,510 --> 00:02:14,560

feelings which are also very strong

46

00:02:17,270 --> 00:02:15,520

but

47

00:02:18,790 --> 00:02:17,280

i think the more people that get to

48

00:02:23,270 --> 00:02:18,800

experience that the better this world's

49

00:02:27,589 --> 00:02:25,270

after the shuttles are retired later

50

00:02:30,070 --> 00:02:27,599

this year it's possible that the next

51
00:02:31,910 --> 00:02:30,080
astronauts launched from american soil

52
00:02:34,869 --> 00:02:31,920
to the space station will be on a

53
00:02:37,430 --> 00:02:34,879
spacecraft built by a private company

54
00:02:39,750 --> 00:02:37,440
developed with the help of nasa are we

55
00:02:42,390 --> 00:02:39,760
on the brink of a new era in space

56
00:02:44,790 --> 00:02:42,400
flight a new role for nasa but also one

57
00:02:50,390 --> 00:02:44,800
that might see even greater resources

58
00:02:54,790 --> 00:02:52,070
well the nature of space flight is that

59
00:02:57,830 --> 00:02:54,800
every era is a new era groundbreaking

60
00:02:59,110 --> 00:02:57,840
pioneering and trail blazing it's things

61
00:03:01,030 --> 00:02:59,120
we're in the business of doing things

62
00:03:02,630 --> 00:03:01,040
that haven't been done before so going

63
00:03:05,430 --> 00:03:02,640

on from the shuttle to another kind of

64

00:03:09,190 --> 00:03:05,440

uh vehicle and in the meantime using the

65

00:03:11,030 --> 00:03:09,200

russian soyuz vehicles is is definitely

66

00:03:16,550 --> 00:03:11,040

our destiny and i think everybody's

67

00:03:19,750 --> 00:03:17,990

steve there is some shock and

68

00:03:21,990 --> 00:03:19,760

disappointment over the cancellation of

69

00:03:23,670 --> 00:03:22,000

nasa's plans to go back to the moon in

70

00:03:26,070 --> 00:03:23,680

this decade

71

00:03:28,470 --> 00:03:26,080

your reaction to that and do you think

72

00:03:31,030 --> 00:03:28,480

space exploration will remain a key part

73

00:03:33,190 --> 00:03:31,040

of america's greatness and continue to

74

00:03:37,670 --> 00:03:33,200

inspire just as it has for the past 50

75

00:03:42,630 --> 00:03:40,309

i think the american public have have

76
00:03:44,229 --> 00:03:42,640
counted on a human space program for

77
00:03:46,949 --> 00:03:44,239
more than 50 years now it's part of the

78
00:03:49,830 --> 00:03:46,959
national identity and so i think it's

79
00:03:53,910 --> 00:03:52,470
to me it's not a matter of exactly which

80
00:03:55,509 --> 00:03:53,920
year we go back to the moon and

81
00:03:58,070 --> 00:03:55,519
establish a moon base i think it's going

82
00:03:59,270 --> 00:03:58,080
to happen i can't say when i can't say

83
00:04:03,110 --> 00:03:59,280
who's

84
00:04:05,190 --> 00:04:03,120
responsible i presume it'll be an

85
00:04:06,949 --> 00:04:05,200
international effort because it's one

86
00:04:08,309 --> 00:04:06,959
planet reaching the moon

87
00:04:10,550 --> 00:04:08,319
and

88
00:04:12,470 --> 00:04:10,560

i i just don't see any way that

89

00:04:13,910 --> 00:04:12,480

the exploration of space will really

90

00:04:17,830 --> 00:04:13,920

slow down because that's the human

91

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

a question for jeff or tj

92

00:04:24,629 --> 00:04:22,479

the president's budget extends the u.s

93

00:04:27,430 --> 00:04:24,639

commitment to the space station to 2020

94

00:04:29,830 --> 00:04:27,440

or beyond what is the benefit to science

95

00:04:31,590 --> 00:04:29,840

and mankind really in knowing that the

96

00:04:36,629 --> 00:04:31,600

orbiting space lab is going to be there

97

00:04:41,270 --> 00:04:38,870

well the station was always intended to

98

00:04:43,110 --> 00:04:41,280

be a unique orbiting laboratory to do

99

00:04:45,430 --> 00:04:43,120

science and research

100

00:04:46,710 --> 00:04:45,440

in many areas across the spectrum of

101
00:04:49,510 --> 00:04:46,720
possibilities

102
00:04:52,070 --> 00:04:49,520
to include supporting future exploration

103
00:04:54,310 --> 00:04:52,080
and it's taken us until now to complete

104
00:04:55,590 --> 00:04:54,320
the assembly and whereas you know after

105
00:04:56,469 --> 00:04:55,600
this mission will be essentially

106
00:04:58,070 --> 00:04:56,479
complete

107
00:05:00,310 --> 00:04:58,080
with the major assembly of the space

108
00:05:01,990 --> 00:05:00,320
station and naturally when you get done

109
00:05:04,950 --> 00:05:02,000
building a project you want to you want

110
00:05:06,150 --> 00:05:04,960
to utilize it so it's important

111
00:05:08,070 --> 00:05:06,160
to

112
00:05:11,830 --> 00:05:08,080
extract the utilization potential out of

113
00:05:17,510 --> 00:05:11,840

the station and extending it out to 2020

114

00:05:22,150 --> 00:05:20,070

a question for commander zamka you are

115

00:05:24,390 --> 00:05:22,160

delivering and putting in place the last

116

00:05:26,230 --> 00:05:24,400

major additions to the space station uh

117

00:05:27,830 --> 00:05:26,240

some hard work ahead for you on this

118

00:05:30,950 --> 00:05:27,840

mission but what do you think at the end

119

00:05:32,310 --> 00:05:30,960

maybe a sense of a job well done by by

120

00:05:38,070 --> 00:05:32,320

all of the shuttle crews that have

121

00:05:41,909 --> 00:05:40,390

oh i think so this is uh one of many

122

00:05:42,870 --> 00:05:41,919

assembly missions that have come up here

123

00:05:44,550 --> 00:05:42,880

with uh

124

00:05:45,590 --> 00:05:44,560

a lot of uh players that have helped

125

00:05:47,590 --> 00:05:45,600

assemble it

126
00:05:50,790 --> 00:05:47,600
uh we got some news yesterday that after

127
00:05:52,790 --> 00:05:50,800
we docked to the space station the stack

128
00:05:54,950 --> 00:05:52,800
meaning the mass that we brought up uh

129
00:05:57,029 --> 00:05:54,960
added to the space station was over one

130
00:05:59,590 --> 00:05:57,039
million pounds so we've got quite a

131
00:06:00,390 --> 00:05:59,600
substantial uh construction effort up

132
00:06:02,710 --> 00:06:00,400
here

133
00:06:04,550 --> 00:06:02,720
and uh it is a marvel to the the

134
00:06:06,710 --> 00:06:04,560
teamwork between the different partners

135
00:06:08,629 --> 00:06:06,720
and all the astronauts and cosmonauts

136
00:06:14,150 --> 00:06:08,639
from different nations involved to get

137
00:06:17,189 --> 00:06:15,430
well thank you for your time tonight we

138
00:06:19,110 --> 00:06:17,199

know you're all incredibly well trained

139

00:06:20,790 --> 00:06:19,120

we just wish you the the best of luck on

140

00:06:21,990 --> 00:06:20,800

this mission and we're there in spirit

141

00:06:25,670 --> 00:06:22,000

with you thank you very much for your

142

00:06:31,189 --> 00:06:27,270

thank you very much great questions so

143

00:06:35,270 --> 00:06:33,189

endeavor isis this is houston acr that

144

00:06:37,029 --> 00:06:35,280

concludes the kxtv tv portion of the

145

00:06:41,189 --> 00:06:37,039

event please stand by for a voice check

146

00:06:48,510 --> 00:06:44,550

endeavor iss this is wkrg-tv

147

00:06:48,520 --> 00:06:53,830

wkrg-tv we have you loud and clear

148

00:07:00,230 --> 00:06:57,589

great my first question is for kay hire

149

00:07:02,469 --> 00:07:00,240

the mobile native we want to know what

150

00:07:05,670 --> 00:07:02,479

kind of personal items you've taken with

151

00:07:12,469 --> 00:07:05,680

you and if you have any moon pies or

152

00:07:15,990 --> 00:07:14,070

good question

153

00:07:18,390 --> 00:07:16,000

hello mobile i

154

00:07:21,270 --> 00:07:18,400

haven't really had a chance to see

155

00:07:23,510 --> 00:07:21,280

alabama or mobile on this mission so far

156

00:07:25,670 --> 00:07:23,520

we've been very busy and when we've been

157

00:07:27,749 --> 00:07:25,680

passing over it's been dark so i haven't

158

00:07:29,990 --> 00:07:27,759

gotten a good look this time but i'll

159

00:07:32,870 --> 00:07:30,000

certainly be looking for a chance to

160

00:07:34,629 --> 00:07:32,880

take a peek from up above

161

00:07:36,390 --> 00:07:34,639

certainly we'll be spending mardi gras

162

00:07:38,469 --> 00:07:36,400

on orbit this year so i think we're

163

00:07:39,830 --> 00:07:38,479

going to have to bypass the celebrations

164

00:07:41,589 --> 00:07:39,840

and

165

00:07:43,830 --> 00:07:41,599

well

166

00:07:45,189 --> 00:07:43,840

we'll just have to catch up on that next

167

00:07:46,710 --> 00:07:45,199

year but

168

00:07:48,950 --> 00:07:46,720

we actually don't bring that many

169

00:07:51,029 --> 00:07:48,960

personal items into space

170

00:07:54,230 --> 00:07:51,039

we're very space limited and weight

171

00:07:56,469 --> 00:07:54,240

limited and we we share a lot of items

172

00:08:00,390 --> 00:07:56,479

as well so

173

00:08:03,029 --> 00:08:00,400

very few personal items and

174

00:08:04,469 --> 00:08:03,039

no mardi gras beads but i might have to

175

00:08:05,430 --> 00:08:04,479

take a look and see if there might be

176

00:08:10,710 --> 00:08:05,440

any

177

00:08:16,390 --> 00:08:14,150

okay how were you so lucky to be able to

178

00:08:22,629 --> 00:08:16,400

be one of the last astronauts to get on

179

00:08:27,189 --> 00:08:24,790

i really don't know

180

00:08:29,670 --> 00:08:27,199

why i was so fortunate but i i will tell

181

00:08:30,710 --> 00:08:29,680

you that i i feel very blessed and very

182

00:08:33,430 --> 00:08:30,720

fortunate

183

00:08:35,829 --> 00:08:33,440

to be a part of nasa a part of this

184

00:08:38,790 --> 00:08:35,839

international effort and especially a

185

00:08:40,709 --> 00:08:38,800

part of the endeavor crew for sts-130

186

00:08:42,550 --> 00:08:40,719

and to be joining the expedition crew

187

00:08:44,470 --> 00:08:42,560

here on the international space station

188

00:08:46,550 --> 00:08:44,480

i just can't even describe how how

189

00:08:48,470 --> 00:08:46,560

wonderful it is how all of these

190

00:08:50,230 --> 00:08:48,480

different people work together to make

191

00:08:52,870 --> 00:08:50,240

all of this happen and make it all so

192

00:08:57,269 --> 00:08:52,880

successful i'm very very honored and

193

00:09:01,110 --> 00:08:58,710

what is it like

194

00:09:03,030 --> 00:09:01,120

at the space station and what room are

195

00:09:07,750 --> 00:09:03,040

you specifically in now and what goes on

196

00:09:11,110 --> 00:09:09,750

well i think i'd like to turn this one

197

00:09:15,190 --> 00:09:11,120

over to uh

198

00:09:19,030 --> 00:09:17,030

well right now we are

199

00:09:20,389 --> 00:09:19,040

hovering floating in what's called no to

200

00:09:22,710 --> 00:09:20,399

two

201
00:09:23,990 --> 00:09:22,720
and it's at the front portion of the

202
00:09:26,470 --> 00:09:24,000
space station

203
00:09:29,509 --> 00:09:26,480
what goes on in node two mostly

204
00:09:31,829 --> 00:09:29,519
is um uh well public relation events as

205
00:09:33,350 --> 00:09:31,839
you see us doing now but also it ends up

206
00:09:35,110 --> 00:09:33,360
being a little bit of a little bit of a

207
00:09:37,430 --> 00:09:35,120
storage place where we end up

208
00:09:40,150 --> 00:09:37,440
logistically pre-positioning things to

209
00:09:41,670 --> 00:09:40,160
switch out with the shuttle items and

210
00:09:47,430 --> 00:09:41,680
commander jeff and i have our sleep

211
00:09:49,990 --> 00:09:48,389
okay

212
00:09:52,070 --> 00:09:50,000
we asked about some of the personal

213
00:09:58,710 --> 00:09:52,080

items what do you do for fun while

214

00:10:01,350 --> 00:09:59,750

well

215

00:10:03,910 --> 00:10:01,360

since i since i've had the mic i'll at

216

00:10:06,230 --> 00:10:03,920

least start off with this

217

00:10:07,910 --> 00:10:06,240

as you can well say you know

218

00:10:09,190 --> 00:10:07,920

our days are very busy so it's it's a

219

00:10:10,949 --> 00:10:09,200

race to try to get ahead of the

220

00:10:12,389 --> 00:10:10,959

schedules to be able to build in some

221

00:10:13,750 --> 00:10:12,399

time to do some of the fun things that

222

00:10:15,990 --> 00:10:13,760

we end up

223

00:10:18,069 --> 00:10:16,000

enjoying a lot but probably on the top

224

00:10:19,829 --> 00:10:18,079

of the list is being able to look out

225

00:10:21,750 --> 00:10:19,839

the windows and take pictures of a

226

00:10:23,110 --> 00:10:21,760

gorgeous view that we have of the earth

227

00:10:24,949 --> 00:10:23,120

which is one of the reasons why i think

228

00:10:26,550 --> 00:10:24,959

it's very important and we're so excited

229

00:10:27,750 --> 00:10:26,560

to have the shuttle crew here with us as

230

00:10:29,190 --> 00:10:27,760

they're bringing up the window of all

231

00:10:31,590 --> 00:10:29,200

windows for the space station and we

232

00:10:38,310 --> 00:10:31,600

can't wait to be able to take a gander

233

00:10:41,829 --> 00:10:40,710

i think we still have you so my next

234

00:10:43,829 --> 00:10:41,839

question is

235

00:10:45,990 --> 00:10:43,839

since the shuttle program is coming to

236

00:10:47,990 --> 00:10:46,000

an end what kind of things would you

237

00:10:55,269 --> 00:10:48,000

tell young children who really want to

238

00:11:13,590 --> 00:11:10,630

okay

239

00:11:14,550 --> 00:11:13,600

question one more time what type of

240

00:11:17,509 --> 00:11:14,560

advice

241

00:11:27,590 --> 00:11:17,519

would you give children who dream of

242

00:11:31,350 --> 00:11:29,670

hello it's terry verts here um i would

243

00:11:32,870 --> 00:11:31,360

say to

244

00:11:34,949 --> 00:11:32,880

work hard in school

245

00:11:36,870 --> 00:11:34,959

and to find the things that you good

246

00:11:38,230 --> 00:11:36,880

that you're good at and that you love

247

00:11:40,389 --> 00:11:38,240

and if you find those things and you

248

00:11:42,069 --> 00:11:40,399

work hard at them and you study at them

249

00:11:44,069 --> 00:11:42,079

um you're going to be successful no

250

00:11:45,829 --> 00:11:44,079

matter what it is in life and so i think

251

00:11:48,069 --> 00:11:45,839

it's really important just to be

252

00:11:50,230 --> 00:11:48,079

motivated to find your passion find your

253

00:11:54,710 --> 00:11:50,240

dream and find your calling and work

254

00:11:59,509 --> 00:11:57,269

okay my last question is for kay once

255

00:12:00,550 --> 00:11:59,519

again do you have any fond memories you

256

00:12:03,350 --> 00:12:00,560

can share

257

00:12:05,350 --> 00:12:03,360

from murphy high school and miss francis

258

00:12:11,430 --> 00:12:05,360

sibley from murphy wants you to call her

259

00:12:14,230 --> 00:12:12,389

wow

260

00:12:17,829 --> 00:12:14,240

thanks so much to the folks at murphy

261

00:12:20,150 --> 00:12:17,839

high school for remembering and uh

262

00:12:22,389 --> 00:12:20,160

wow it was just a wonderful experience i

263

00:12:24,470 --> 00:12:22,399

i had as a student at murphy high school

264

00:12:26,230 --> 00:12:24,480

and i i would encourage

265

00:12:27,350 --> 00:12:26,240

the all the students of murphy high

266

00:12:29,670 --> 00:12:27,360

school to

267

00:12:31,990 --> 00:12:29,680

follow terry wurtz's advice as he just

268

00:12:33,509 --> 00:12:32,000

told you to you know work hard in school

269

00:12:34,870 --> 00:12:33,519

because you just you never know what

270

00:12:36,949 --> 00:12:34,880

opportunities are going to become

271

00:12:39,910 --> 00:12:36,959

available to you later on so you want to

272

00:12:42,230 --> 00:12:39,920

have that good solid background so that

273

00:12:44,389 --> 00:12:42,240

when these fantastic opportunities open

274

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

up who knows maybe they'll be in space

275

00:12:51,590 --> 00:12:46,639

for people that they can take advantage

276

00:12:55,670 --> 00:12:53,590

okay thank you so much for all of you

277

00:12:59,350 --> 00:12:55,680

joining us and good luck on the rest of

278

00:13:03,750 --> 00:13:01,750

thanks so much and so long from the

279

00:13:06,310 --> 00:13:03,760

international space station and space

280

00:13:08,550 --> 00:13:06,320

shuttle endeavor

281

00:13:10,949 --> 00:13:08,560

endeavor iss this is houston acr that

282

00:13:12,790 --> 00:13:10,959

concludes the wkrg tv portion of the

283

00:13:15,750 --> 00:13:12,800

event please stand by for a voice check

284

00:13:18,389 --> 00:13:15,760

from kmax radio

285

00:13:22,069 --> 00:13:18,399

endeavor iss this is kmox radio how do

286

00:13:27,750 --> 00:13:26,150

kmx mlx radio we have you loud and clear

287

00:13:29,509 --> 00:13:27,760

excellent endeavor thank you all for

288

00:13:31,430 --> 00:13:29,519

your time with us tonight and i want to

289

00:13:33,829 --> 00:13:31,440

start with mission specialist bob bankin

290

00:13:35,750 --> 00:13:33,839

who has a connection to our kmox

291

00:13:37,910 --> 00:13:35,760

listening audience in st louis being a

292

00:13:40,230 --> 00:13:37,920

hometown guy and bob talk about how

293

00:13:42,629 --> 00:13:40,240

special it was for you to be in the

294

00:13:47,189 --> 00:13:42,639

cockpit during that last night launch of

295

00:13:51,189 --> 00:13:48,870

well first of all i'd like to just uh

296

00:13:52,870 --> 00:13:51,199

say hello to everyone back in st louis

297

00:13:55,750 --> 00:13:52,880

and particularly all my family and

298

00:13:58,150 --> 00:13:55,760

friends that are still there

299

00:13:59,590 --> 00:13:58,160

as far as night launches go this was my

300

00:14:01,350 --> 00:13:59,600

second night launch

301
00:14:02,389 --> 00:14:01,360
so it was pretty exciting to have the

302
00:14:05,030 --> 00:14:02,399
opportunity

303
00:14:07,509 --> 00:14:05,040
to go out at night and then see the the

304
00:14:08,870 --> 00:14:07,519
sky all lit up in the pictures of course

305
00:14:10,629 --> 00:14:08,880
post launch

306
00:14:12,629 --> 00:14:10,639
my first flight when we launched at

307
00:14:15,430 --> 00:14:12,639
night we actually went into a cloud deck

308
00:14:16,949 --> 00:14:15,440
after about 20 seconds and so all the

309
00:14:19,110 --> 00:14:16,959
folks who had come to see the launch

310
00:14:20,470 --> 00:14:19,120
actually didn't get to see very much

311
00:14:22,069 --> 00:14:20,480
because we had disappeared behind the

312
00:14:24,310 --> 00:14:22,079
clouds but from what i'm told in the

313
00:14:26,069 --> 00:14:24,320

pictures i've seen this one was really

314

00:14:28,790 --> 00:14:26,079

spectacular and they were able to see

315

00:14:30,550 --> 00:14:28,800

the the shuttle all the way through

316

00:14:32,550 --> 00:14:30,560

almost to the point that we shut off the

317

00:14:33,829 --> 00:14:32,560

main engines and so that had to be

318

00:14:35,350 --> 00:14:33,839

really exciting for the folks who had

319

00:14:36,629 --> 00:14:35,360

the opportunity to come down and see one

320

00:14:37,829 --> 00:14:36,639

of the shuttle launches before the

321

00:14:39,030 --> 00:14:37,839

shuttle program

322

00:14:40,949 --> 00:14:39,040

ends here

323

00:14:42,870 --> 00:14:40,959

this year or next year

324

00:14:44,629 --> 00:14:42,880

and bob we understand you had some

325

00:14:46,550 --> 00:14:44,639

unscheduled excitement with the power

326

00:14:47,829 --> 00:14:46,560

harness on your spacesuit talk about

327

00:14:53,670 --> 00:14:47,839

what happened and how you were working

328

00:14:57,269 --> 00:14:55,590

well it turns out that the spacesuit

329

00:14:58,870 --> 00:14:57,279

that we brought up with us

330

00:15:01,269 --> 00:14:58,880

wasn't able to get power from the

331

00:15:03,269 --> 00:15:01,279

battery pack that rides underneath the

332

00:15:05,910 --> 00:15:03,279

backpack that you see on the spacesuit

333

00:15:07,750 --> 00:15:05,920

up to the tv system that allows the

334

00:15:10,069 --> 00:15:07,760

ground and the folks inside the space

335

00:15:11,990 --> 00:15:10,079

shuttle to actually see what's going on

336

00:15:13,990 --> 00:15:12,000

basically be additional eyes looking

337

00:15:16,790 --> 00:15:14,000

over my shoulder while we're out on the

338

00:15:19,189 --> 00:15:16,800

space walks and so what we had to do uh

339

00:15:20,949 --> 00:15:19,199

george zamka and suici naguchi another

340

00:15:23,110 --> 00:15:20,959

crew member who's probably not on the

341

00:15:24,629 --> 00:15:23,120

video right now but who's also living up

342

00:15:26,790 --> 00:15:24,639

here on the international space station

343

00:15:28,150 --> 00:15:26,800

as part of the station crew swapped out

344

00:15:30,069 --> 00:15:28,160

to another

345

00:15:32,389 --> 00:15:30,079

suit for me so i'm basically going out

346

00:15:33,910 --> 00:15:32,399

with a different suit that doesn't have

347

00:15:36,310 --> 00:15:33,920

that power harness in it so it shouldn't

348

00:15:37,910 --> 00:15:36,320

give us any more trouble

349

00:15:40,069 --> 00:15:37,920

good news there and this is for shuttle

350

00:15:42,389 --> 00:15:40,079

pilot terry virts terry originally from

351
00:15:43,990 --> 00:15:42,399
maryland in your home state right now is

352
00:15:45,509 --> 00:15:44,000
under blizzard conditions i'm just

353
00:15:50,389 --> 00:15:45,519
curious what does a blizzard look like

354
00:15:54,550 --> 00:15:52,310
hi uh i have heard about that in fact

355
00:15:55,990 --> 00:15:54,560
several of my friends were not able to

356
00:15:57,910 --> 00:15:56,000
make it to the launch because they got

357
00:16:00,150 --> 00:15:57,920
several feet of snow

358
00:16:01,670 --> 00:16:00,160
and uh just a little while ago i was

359
00:16:03,269 --> 00:16:01,680
down in the russian segment talking with

360
00:16:04,870 --> 00:16:03,279
the cosmonauts here and we looked out as

361
00:16:06,949 --> 00:16:04,880
we flew over russia

362
00:16:08,949 --> 00:16:06,959
and it was very white

363
00:16:10,790 --> 00:16:08,959

one of my first views of the earth just

364

00:16:12,949 --> 00:16:10,800

a few minutes after we got into space

365

00:16:14,310 --> 00:16:12,959

and the main engines cut off

366

00:16:15,590 --> 00:16:14,320

i looked out and i could see the alps

367

00:16:17,910 --> 00:16:15,600

going underneath and they were snow

368

00:16:20,470 --> 00:16:17,920

covered and it's beautiful the earth

369

00:16:22,710 --> 00:16:20,480

looks different than what i had imagined

370

00:16:24,550 --> 00:16:22,720

it looks it's more spectacular probably

371

00:16:27,030 --> 00:16:24,560

than you can even put into words

372

00:16:29,590 --> 00:16:27,040

and i think there's more color to it

373

00:16:32,230 --> 00:16:29,600

more tones and it it just looks

374

00:16:34,230 --> 00:16:32,240

um amazing

375

00:16:35,829 --> 00:16:34,240

that's great and in addition to being a

376

00:16:38,230 --> 00:16:35,839

resupply mission this is also the

377

00:16:40,550 --> 00:16:38,240

delivery of tranquility node talk about

378

00:16:42,550 --> 00:16:40,560

what is involved in installing that node

379

00:16:48,310 --> 00:16:42,560

on the iss and what it's going to do

380

00:16:51,350 --> 00:16:49,189

the

381

00:16:53,350 --> 00:16:51,360

actually we have two nodes two modules

382

00:16:55,670 --> 00:16:53,360

we brought up tranquility which is node

383

00:16:57,910 --> 00:16:55,680

three and then we also have the cupola

384

00:17:00,150 --> 00:16:57,920

so the first task tomorrow bob and nick

385

00:17:01,829 --> 00:17:00,160

will be going outside to do a spacewalk

386

00:17:03,110 --> 00:17:01,839

and they're gonna unplug the node from

387

00:17:04,870 --> 00:17:03,120

the space shuttle

388

00:17:05,990 --> 00:17:04,880

and then kate hire myself we're going to

389

00:17:08,549 --> 00:17:06,000

move

390

00:17:10,230 --> 00:17:08,559

the two nodes with the big robotic arm

391

00:17:11,990 --> 00:17:10,240

we're going to move it and attach it to

392

00:17:13,270 --> 00:17:12,000

the left side or the port side of the

393

00:17:14,949 --> 00:17:13,280

space station

394

00:17:17,590 --> 00:17:14,959

and then over the coming days we're

395

00:17:20,150 --> 00:17:17,600

going to open the hatches and go inside

396

00:17:22,549 --> 00:17:20,160

and steve robinson and george zamka

397

00:17:24,949 --> 00:17:22,559

and among others are going to go inside

398

00:17:27,750 --> 00:17:24,959

and connect the wires and harnesses

399

00:17:29,029 --> 00:17:27,760

and get it outfitted from the inside

400

00:17:31,430 --> 00:17:29,039

and bob and nick will have two

401
00:17:34,070 --> 00:17:31,440
additional evas to do after we get it

402
00:17:37,270 --> 00:17:34,080
set up to get the modules in their final

403
00:17:38,950 --> 00:17:37,280
configuration on the outside

404
00:17:41,669 --> 00:17:38,960
and this is for shuttle commander george

405
00:17:43,909 --> 00:17:41,679
zamka george you've been here before and

406
00:17:46,789 --> 00:17:43,919
here you are at iss again talk about the

407
00:17:49,270 --> 00:17:46,799
shuttle's legacy as its missions come to

408
00:17:51,750 --> 00:17:49,280
a close later on this year and the the

409
00:17:53,430 --> 00:17:51,760
legacy in as concerns

410
00:17:58,310 --> 00:17:53,440
its relationship with the international

411
00:18:03,270 --> 00:18:00,230
sure i think to start with you have to

412
00:18:05,669 --> 00:18:03,280
remember when the shuttle began it was a

413
00:18:07,990 --> 00:18:05,679

pretty aggressive idea to take a

414

00:18:10,150 --> 00:18:08,000

space vehicle that would take off uh

415

00:18:12,150 --> 00:18:10,160

like a rocket and then transform itself

416

00:18:14,470 --> 00:18:12,160

into a spaceship complete with a robotic

417

00:18:17,590 --> 00:18:14,480

arm and an air lock in space

418

00:18:19,750 --> 00:18:17,600

be able to deliver a lot of cargo up

419

00:18:21,909 --> 00:18:19,760

and then land like an airplane and it's

420

00:18:23,270 --> 00:18:21,919

been doing that uh for a long time and

421

00:18:25,830 --> 00:18:23,280

it's been doing it with grit and with

422

00:18:27,669 --> 00:18:25,840

people that are very talented and and

423

00:18:30,230 --> 00:18:27,679

very focused on

424

00:18:32,070 --> 00:18:30,240

the space mission for the united states

425

00:18:33,990 --> 00:18:32,080

so to see it go it's it's going to be a

426

00:18:35,270 --> 00:18:34,000

sad thing but i think what we're going

427

00:18:38,150 --> 00:18:35,280

to see is a

428

00:18:40,230 --> 00:18:38,160

a system to replace the

429

00:18:41,669 --> 00:18:40,240

capabilities that the shuttle has we'll

430

00:18:44,070 --> 00:18:41,679

just we're just going to end up doing it

431

00:18:46,230 --> 00:18:44,080

a little bit differently but

432

00:18:47,430 --> 00:18:46,240

we're all very fortunate to have ridden

433

00:18:49,830 --> 00:18:47,440

aboard the shuttle it's been a

434

00:18:51,430 --> 00:18:49,840

tremendous vehicle

435

00:18:53,270 --> 00:18:51,440

thank you and one last for mission

436

00:18:55,029 --> 00:18:53,280

specialist steve robinson a lot of

437

00:18:56,950 --> 00:18:55,039

people follow the space program to be

438

00:18:59,110 --> 00:18:56,960

sure you've also got followers of your

439

00:19:00,710 --> 00:18:59,120

rock band max q and for folks who want

440

00:19:02,150 --> 00:19:00,720

to know when and where your next gig is

441

00:19:07,110 --> 00:19:02,160

going to be how soon are you going to be

442

00:19:10,710 --> 00:19:08,470

oh i don't have to wait till i get back

443

00:19:12,870 --> 00:19:10,720

to earth there's a guitar right about 50

444

00:19:14,470 --> 00:19:12,880

feet from me down there in the uh node

445

00:19:17,350 --> 00:19:14,480

and my poor crewmates here are going to

446

00:19:18,150 --> 00:19:17,360

get tortured here one of these days

447

00:19:20,070 --> 00:19:18,160

so

448

00:19:21,830 --> 00:19:20,080

thanks for asking and welcome aboard the

449

00:19:23,590 --> 00:19:21,840

international space station

450

00:19:31,110 --> 00:19:23,600

endeavour thank you so much for all of

