



1
00:00:04,670 --> 00:00:02,989
well good morning again from NASA's

2
00:00:06,440 --> 00:00:04,680
Johnson Space Center here in Houston I'm

3
00:00:08,179 --> 00:00:06,450
Josh Byerly and I am pleased to be

4
00:00:09,440 --> 00:00:08,189
joined by the crew who will fly this one

5
00:00:11,450 --> 00:00:09,450
year expedition on board the

6
00:00:13,400 --> 00:00:11,460
International Space Station here in

7
00:00:16,640 --> 00:00:13,410
Houston with me as astronaut scott kelly

8
00:00:19,340 --> 00:00:16,650
and joining us from moscow is russian

9
00:00:20,540 --> 00:00:19,350
cosmonaut mikhail kornienko we will hear

10
00:00:22,580 --> 00:00:20,550
from both of these gentlemen here

11
00:00:24,620 --> 00:00:22,590
shortly but for now we're going to go

12
00:00:26,750 --> 00:00:24,630
live to the International Space Station

13
00:00:29,590 --> 00:00:26,760

where the crew of expedition 34 is on

14

00:00:31,820 --> 00:00:29,600

hand to talk with their fellow

15

00:00:36,020 --> 00:00:31,830

astronauts and cosmonauts Oh crew how do

16

00:00:38,540 --> 00:00:36,030

you hear me we have you loud and clear

17

00:00:40,610 --> 00:00:38,550

Josh how do you hear us onboard ISS here

18

00:00:45,670 --> 00:00:40,620

you five-by-five as well so Kevin you

19

00:00:51,650 --> 00:00:49,280

all right well hey it's good to have the

20

00:00:54,290 --> 00:00:51,660

Scott and Misha out there talking about

21

00:00:56,150 --> 00:00:54,300

what's up coming for them I know they're

22

00:00:58,459 --> 00:00:56,160

very excited about it we're here in the

23

00:01:00,619 --> 00:00:58,469

Destiny lab this morning and soon to be

24

00:01:03,860 --> 00:01:00,629

their home away from home for an entire

25

00:01:06,260 --> 00:01:03,870

year it's it's really a great

26
00:01:08,690 --> 00:01:06,270
opportunity for NASA and the rest cosmos

27
00:01:11,179 --> 00:01:08,700
to see what living in space will be like

28
00:01:12,889 --> 00:01:11,189
for a for an entire year when I arrived

29
00:01:14,359 --> 00:01:12,899
on board I talked to look at you have

30
00:01:15,649 --> 00:01:14,369
guinea and said you never know when

31
00:01:17,629 --> 00:01:15,659
we're going home you know it could be

32
00:01:19,099 --> 00:01:17,639
short shorter than we planned it could

33
00:01:20,629 --> 00:01:19,109
be longer than we planned so you should

34
00:01:22,519 --> 00:01:20,639
just kind of mentally be prepared for a

35
00:01:25,550 --> 00:01:22,529
long one of course it's a very

36
00:01:27,529 --> 00:01:25,560
challenging thing to do make no make no

37
00:01:29,510 --> 00:01:27,539
bones about it for them to stay for an

38
00:01:31,909 --> 00:01:29,520

entire year will be very tough but I

39

00:01:32,989 --> 00:01:31,919

know they're both volunteers to do it

40

00:01:35,149 --> 00:01:32,999

and they're going to have a great time

41

00:01:37,339 --> 00:01:35,159

up here the exercise equipment is now

42

00:01:40,099 --> 00:01:37,349

fantastic and the ground support is

43

00:01:41,779 --> 00:01:40,109

great in all aspects of the flight so

44

00:01:43,789 --> 00:01:41,789

I'm sure gonna have a great time I'll

45

00:01:46,610 --> 00:01:43,799

let my Russian crewmates say a few words

46

00:01:54,240 --> 00:01:49,890

Scott Misha strategia Scott Misha hello

47

00:01:56,970 --> 00:01:54,250

I'm happy to congratulate you presently

48

00:02:01,370 --> 00:01:56,980

you are probably the most experienced

49

00:02:04,710 --> 00:02:01,380

and distinguished people who were

50

00:02:08,010 --> 00:02:04,720

selected for this flight somebody had to

51
00:02:12,120 --> 00:02:08,020
begin I wish you success all the very

52
00:02:14,700 --> 00:02:12,130
best I wish she loves you and also the

53
00:02:16,530 --> 00:02:14,710
nominal operation of all systems and

54
00:02:18,500 --> 00:02:16,540
equipment so that the preparation also

55
00:02:21,540 --> 00:02:18,510
goes very smoothly for you but luck guys

56
00:02:25,710 --> 00:02:21,550
mr. Scott yeo jingoo Misha Scott I'm

57
00:02:28,350 --> 00:02:25,720
proud that I know you some loot me show

58
00:02:31,890 --> 00:02:28,360
you are the best every room Tiger did

59
00:02:33,870 --> 00:02:31,900
sir and we have my boys car the air oh

60
00:02:36,540 --> 00:02:33,880
you something bradsta Moses night

61
00:02:38,790 --> 00:02:36,550
through is not a proud of you I talk to

62
00:02:42,240 --> 00:02:38,800
them some time ago they know that you

63
00:02:44,820 --> 00:02:42,250

are flying to stay on the station for a

64

00:02:48,120 --> 00:02:44,830

year and there is a key design a joke

65

00:02:52,500 --> 00:02:48,130

that you are the founding father of the

66

00:02:54,449 --> 00:02:52,510

new type of air troops on the ground has

67

00:02:56,040 --> 00:02:54,459

any questions anything that they want us

68

00:02:58,370 --> 00:02:56,050

to polish up or get ready for them for

69

00:03:01,949 --> 00:02:58,380

the big guy one year expedition go ahead

70

00:03:05,280 --> 00:03:01,959

I don't have any questions I appreciate

71

00:03:07,620 --> 00:03:05,290

your your kind words of encouragement

72

00:03:10,710 --> 00:03:07,630

and congratulations this is also an

73

00:03:12,000 --> 00:03:10,720

opportunity for me to say talk to me

74

00:03:13,860 --> 00:03:12,010

show for the first time in a long time

75

00:03:15,300 --> 00:03:13,870

and say that you know I really looked

76

00:03:17,580 --> 00:03:15,310

forward to flying in space with him

77

00:03:20,160 --> 00:03:17,590

again or flying in space with him I

78

00:03:23,040 --> 00:03:20,170

trained alongside him when I was a

79

00:03:24,570 --> 00:03:23,050

backup crew for for a previous

80

00:03:27,330 --> 00:03:24,580

expedition so we know each other pretty

81

00:03:29,190 --> 00:03:27,340

well and I look forward to spending a

82

00:03:32,010 --> 00:03:29,200

year in space for the crew on orbit

83

00:03:34,520 --> 00:03:32,020

again thank you and for Kevin I know

84

00:03:38,310 --> 00:03:34,530

you're looking forward to the Notre Dame

85

00:03:40,680 --> 00:03:38,320

bcs game so you have that to look

86

00:03:43,050 --> 00:03:40,690

forward to and I am certainly looking

87

00:03:47,960 --> 00:03:43,060

forward to spending some more time on

88

00:03:50,850 --> 00:03:47,970

the International Space Station well

89

00:03:52,110 --> 00:03:50,860

thanks a lot Scott and I know I talk to

90

00:03:53,640 --> 00:03:52,120

you a lot before I came up here and I

91

00:03:55,500 --> 00:03:53,650

know how much you enjoyed it up here a

92

00:03:57,720 --> 00:03:55,510

lot of your advice was great for me so I

93

00:03:59,399 --> 00:03:57,730

know you have I know you have the

94

00:04:00,690 --> 00:03:59,409

the right frame of mind and both you and

95

00:04:01,710 --> 00:04:00,700

me should have what it takes to come up

96

00:04:19,300 --> 00:04:01,720

here and spend an entire year

97

00:04:25,430 --> 00:04:22,880

tacolicious vision are we off the line I

98

00:04:27,710 --> 00:04:25,440

got a solution guys if you hear me

99

00:04:35,879 --> 00:04:27,720

thanks a lot thanks a lot for all your

100

00:04:39,450 --> 00:04:37,950

okay I think that's going to wrap it up

101
00:04:40,709 --> 00:04:39,460
we want to thank the crew onboard the

102
00:04:42,360 --> 00:04:40,719
International Space Station for their

103
00:04:43,860 --> 00:04:42,370
time we're about to lose communications

104
00:04:45,839 --> 00:04:43,870
with the space station about a minute so

105
00:04:47,640 --> 00:04:45,849
we're going to go back to Scott now and

106
00:04:48,899 --> 00:04:47,650
get his thoughts on the upcoming one

107
00:04:50,760 --> 00:04:48,909
year expedition then we'll hear from

108
00:04:53,249 --> 00:04:50,770
mister cony a CO and then we'll take

109
00:04:56,309 --> 00:04:53,259
questions well let's say a real pleasure

110
00:04:59,339 --> 00:04:56,319
to be here with you this morning I look

111
00:05:02,010 --> 00:04:59,349
forward to talking a little bit about

112
00:05:03,800 --> 00:05:02,020
this upcoming experience which i think

113
00:05:08,399 --> 00:05:03,810

will be a very interesting and

114

00:05:12,269 --> 00:05:08,409

invaluable for NASA but also personally

115

00:05:15,450 --> 00:05:12,279

it's an honor to be chosen for this this

116

00:05:16,860 --> 00:05:15,460

flight there were there are many people

117

00:05:20,760 --> 00:05:16,870

in the astronaut office that are both

118

00:05:24,510 --> 00:05:20,770

willing and capable just as capable as I

119

00:05:26,670 --> 00:05:24,520

am to do this flight and because of some

120

00:05:30,570 --> 00:05:26,680

you know a variety of circumstances that

121

00:05:33,059 --> 00:05:30,580

that that Bob bankin talked about

122

00:05:35,790 --> 00:05:33,069

earlier you know we kind of came up with

123

00:05:38,550 --> 00:05:35,800

a kind of a short list and you know for

124

00:05:42,119 --> 00:05:38,560

some reasons that aren't quite clear to

125

00:05:45,510 --> 00:05:42,129

everyone I'm sitting here talking to you

126

00:05:49,469 --> 00:05:45,520

today which is a privilege that I do not

127

00:05:52,399 --> 00:05:49,479

take lightly I also want to point out

128

00:05:55,860 --> 00:05:52,409

people have referred to this as a as a

129

00:05:57,869 --> 00:05:55,870

long-duration ISS mission and I want to

130

00:06:00,689 --> 00:05:57,879

clear something up that six months is a

131

00:06:03,029 --> 00:06:00,699

long duration mission six months is a

132

00:06:05,790 --> 00:06:03,039

very long time if you think back what

133

00:06:07,339 --> 00:06:05,800

you were doing six months ago you know

134

00:06:10,439 --> 00:06:07,349

it might be hard for you to remember

135

00:06:14,579 --> 00:06:10,449

certainly a year is longer so this is a

136

00:06:17,189 --> 00:06:14,589

longer duration mission between now and

137

00:06:19,860 --> 00:06:17,199

and march of 2015 we have 10 other

138

00:06:22,889 --> 00:06:19,870

long-duration flights that are very

139

00:06:25,709 --> 00:06:22,899

challenging and there is much to learn

140

00:06:27,510 --> 00:06:25,719

much to accomplish on those flights for

141

00:06:30,980 --> 00:06:27,520

instance in next March we're going to

142

00:06:35,610 --> 00:06:30,990

launch the first crew on a rendezvous

143

00:06:37,800 --> 00:06:35,620

that that docks with the space station

144

00:06:38,850 --> 00:06:37,810

on the the day of launch so that's

145

00:06:42,389 --> 00:06:38,860

something we've never done before

146

00:06:44,670 --> 00:06:42,399

there's also a whole host of experiments

147

00:06:49,290 --> 00:06:44,680

that you know builds on what we've

148

00:06:52,320 --> 00:06:49,300

learned previously and and will you know

149

00:06:54,570 --> 00:06:52,330

set the stage for spending a year for

150

00:06:57,240 --> 00:06:54,580

Misha and I on the International Space

151

00:07:00,809 --> 00:06:57,250

Station so the data we learn on those

152

00:07:03,719 --> 00:07:00,819

flights and the data we learn on the on

153

00:07:06,059 --> 00:07:03,729

the one-year flight will hopefully set

154

00:07:09,149 --> 00:07:06,069

the stage for sending humans beyond

155

00:07:12,860 --> 00:07:09,159

low-earth orbit some day and one day on

156

00:07:16,080 --> 00:07:12,870

to Mars and with that I look forward to

157

00:07:18,839 --> 00:07:16,090

perhaps Misha's comments and answering

158

00:07:20,129 --> 00:07:18,849

your questions thank you okay let's go

159

00:07:30,779 --> 00:07:20,139

now to a mosque on here from mr.

160

00:07:33,779 --> 00:07:30,789

kornienko new pair of agility i'm

161

00:07:36,570 --> 00:07:33,789

luciene first of all I'm very glad to

162

00:07:39,149 --> 00:07:36,580

see Scott remotely huge deals we worked

163

00:07:42,390 --> 00:07:39,159

together was as usual portion I know him

164

00:07:45,659 --> 00:07:42,400

as a very high a highly-trained

165

00:07:48,689 --> 00:07:45,669

professional and just a very good man

166

00:07:51,990 --> 00:07:48,699

and the person i am happy to have him as

167

00:07:54,899 --> 00:07:52,000

a companion for a year but in a day I

168

00:07:56,430 --> 00:07:54,909

will be in houston I was deferred here

169

00:08:00,930 --> 00:07:56,440

well you know due to this press

170

00:08:03,209 --> 00:08:00,940

conference so I think lots of very good

171

00:08:07,260 --> 00:08:03,219

work I've already been set I don't want

172

00:08:08,279 --> 00:08:07,270

to waste your time thank you okay with

173

00:08:09,779 --> 00:08:08,289

that we're going to take questions

174

00:08:10,950 --> 00:08:09,789

starting here in Houston then we'll go

175

00:08:12,300 --> 00:08:10,960

down to the Kennedy Space Center then

176

00:08:15,240 --> 00:08:12,310

we'll go to the phone line so let's

177

00:08:17,689 --> 00:08:15,250

start off with mr. Perot again thank you

178

00:08:21,629 --> 00:08:17,699

Mark grew up radiation week and

179

00:08:23,189 --> 00:08:21,639

certainly you touched on this but maybe

180

00:08:27,110 --> 00:08:23,199

you could elaborate a little more on

181

00:08:30,059 --> 00:08:27,120

your sort of personal and professional

182

00:08:33,240 --> 00:08:30,069

motivations for for wanting to do this

183

00:08:35,430 --> 00:08:33,250

now that the opportunity is is there it

184

00:08:38,189 --> 00:08:35,440

sounds to me like you were not drafted

185

00:08:41,250 --> 00:08:38,199

to do this you were eligible to do it

186

00:08:42,550 --> 00:08:41,260

and you're all in and I just want to

187

00:08:46,240 --> 00:08:42,560

make sure I sort of understand

188

00:08:48,970 --> 00:08:46,250

that's correct well I'm a big believer

189

00:08:51,370 --> 00:08:48,980

and what the the space station was

190

00:08:53,620 --> 00:08:51,380

designed for and and what we're doing up

191

00:08:55,060 --> 00:08:53,630

there like the you know the program

192

00:08:58,990 --> 00:08:55,070

manager Mike suffered a knee said

193

00:09:02,440 --> 00:08:59,000

earlier having this space station it's

194

00:09:04,300 --> 00:09:02,450

valuable facility that we built is able

195

00:09:08,170 --> 00:09:04,310

for us to demonstrate you know

196

00:09:10,150 --> 00:09:08,180

technologies in the systems and how

197

00:09:13,060 --> 00:09:10,160

they're operated and how we operate them

198

00:09:16,660 --> 00:09:13,070

for a long time as well as the the human

199

00:09:19,090 --> 00:09:16,670

element that will someday help us go

200

00:09:21,280 --> 00:09:19,100

beyond low-earth orbit again and on to

201
00:09:24,370 --> 00:09:21,290
Mars so I'm a believer in what the

202
00:09:27,430 --> 00:09:24,380
program is is doing and I'm a believer

203
00:09:30,670 --> 00:09:27,440
in in the remaining years that we have

204
00:09:33,060 --> 00:09:30,680
the space station of expanding the

205
00:09:38,470 --> 00:09:33,070
envelope of what we've done previously

206
00:09:40,090 --> 00:09:38,480
on a personal level I look forward to

207
00:09:42,280 --> 00:09:40,100
the challenge you know I've flown a

208
00:09:45,220 --> 00:09:42,290
six-month light on the International

209
00:09:47,140 --> 00:09:45,230
Space Station already and I was willing

210
00:09:49,540 --> 00:09:47,150
to do that again I wanted to do it again

211
00:09:52,930 --> 00:09:49,550
but you know more than doubling that

212
00:09:55,120 --> 00:09:52,940
time will make it even more of a

213
00:09:58,810 --> 00:09:55,130

challenge and I recognize it's it's not

214

00:10:01,420 --> 00:09:58,820

going to be easy to spend a year in that

215

00:10:03,310 --> 00:10:01,430

kind of isolated environment but it's

216

00:10:05,740 --> 00:10:03,320

something that you know I think I'm up

217

00:10:10,630 --> 00:10:05,750

for that challenge and certainly at this

218

00:10:12,810 --> 00:10:10,640

point I look forward to Scott Kevin

219

00:10:15,100 --> 00:10:12,820

Quinn from Kate jacket here in Houston

220

00:10:17,800 --> 00:10:15,110

talk some about that challenge

221

00:10:20,500 --> 00:10:17,810

personally for you what is your your

222

00:10:25,390 --> 00:10:20,510

greatest concern spending a year up

223

00:10:27,699 --> 00:10:25,400

there my greatest concern i think is

224

00:10:29,740 --> 00:10:27,709

just missing the you know the people you

225

00:10:33,550 --> 00:10:29,750

know your loved ones your family your

226

00:10:36,970 --> 00:10:33,560

friends that not from a personal level

227

00:10:39,640 --> 00:10:36,980

that that you're attached to on the

228

00:10:41,410 --> 00:10:39,650

ground and then your life on the space

229

00:10:42,910 --> 00:10:41,420

station is also pretty routine you know

230

00:10:44,620 --> 00:10:42,920

in the morning you wake up you're at

231

00:10:47,890 --> 00:10:44,630

work when you go to sleep you're also at

232

00:10:49,420 --> 00:10:47,900

work so imagine you know being in your

233

00:10:52,600 --> 00:10:49,430

office for a whole year and you never

234

00:10:55,269 --> 00:10:52,610

get to leave its that is a challenge and

235

00:10:59,290 --> 00:10:55,279

you know it presents its own

236

00:11:04,090 --> 00:10:59,300

own set of issues but I think I'm up for

237

00:11:07,900 --> 00:11:04,100

it and and i look forward to do it yeah

238

00:11:09,970 --> 00:11:07,910

give my god Jim / NBC uh Scott honey

239

00:11:12,220 --> 00:11:09,980

would you compare this kind of flight to

240

00:11:14,139 --> 00:11:12,230

your carrier deployments how long were

241

00:11:16,569 --> 00:11:14,149

you away from home when you're a carrier

242

00:11:19,059 --> 00:11:16,579

pilot and does that suggest you perhaps

243

00:11:21,939 --> 00:11:19,069

that people with navy experience with

244

00:11:24,850 --> 00:11:21,949

deployment experience have a better idea

245

00:11:29,559 --> 00:11:24,860

of timing themselves for long away from

246

00:11:32,470 --> 00:11:29,569

home expeditions my only deployment that

247

00:11:37,119 --> 00:11:32,480

I went on as a carrier aviator was about

248

00:11:38,769 --> 00:11:37,129

six months long you know I think I think

249

00:11:40,269 --> 00:11:38,779

what's important for a flight like this

250

00:11:43,780 --> 00:11:40,279

to the space station is that it's

251
00:11:46,840 --> 00:11:43,790
somebody who recognizes what it's like

252
00:11:50,019 --> 00:11:46,850
to flown a previous long-duration flight

253
00:11:53,710 --> 00:11:50,029
of six months or around that that period

254
00:11:57,400 --> 00:11:53,720
of time just to know how best that they

255
00:11:59,410 --> 00:11:57,410
will you know mitigate the potential you

256
00:12:03,639 --> 00:11:59,420
know psychological issues that you can

257
00:12:06,249 --> 00:12:03,649
have for for even a longer duration I'm

258
00:12:10,660 --> 00:12:06,259
glad you brought up the military folks

259
00:12:14,019 --> 00:12:10,670
and folks that serve you know in service

260
00:12:16,809 --> 00:12:14,029
to our country for long periods of time

261
00:12:19,269 --> 00:12:16,819
and in some cases even longer I mean

262
00:12:22,179 --> 00:12:19,279
there there are many soldiers and airmen

263
00:12:24,369 --> 00:12:22,189

and sailors that serve and Marines and

264

00:12:28,449 --> 00:12:24,379

the people that support them that serve

265

00:12:30,490 --> 00:12:28,459

much longer than than a year in places

266

00:12:32,259 --> 00:12:30,500

like Iraq Afghanistan and other

267

00:12:34,749 --> 00:12:32,269

deployments and I really appreciate

268

00:12:36,610 --> 00:12:34,759

their service and I recognize you know

269

00:12:39,009 --> 00:12:36,620

in some cases what I'm doing you know

270

00:12:42,790 --> 00:12:39,019

pales in comparison to their their

271

00:12:44,139 --> 00:12:42,800

sacrifice we're going to go to the

272

00:12:47,679 --> 00:12:44,149

Kennedy Space Center now for questions

273

00:12:50,559 --> 00:12:47,689

from there hi this is Marcia Dunn

274

00:12:52,809 --> 00:12:50,569

Associated Press Scud I'd like to know

275

00:12:55,379 --> 00:12:52,819

the reaction of your two daughters and

276
00:12:57,579 --> 00:12:55,389
your brother and your sister-in-law when

277
00:13:02,499 --> 00:12:57,589
they found out that you were considering

278
00:13:05,259 --> 00:13:02,509
this and actually got picked yeah they

279
00:13:07,389 --> 00:13:05,269
were all very supportive as far as like

280
00:13:08,980 --> 00:13:07,399
a specific reaction the only one that

281
00:13:10,750 --> 00:13:08,990
comes to mind is my

282
00:13:13,300 --> 00:13:10,760
my nine-year-old daughter when I told

283
00:13:15,070 --> 00:13:13,310
her on the phone that I was going to

284
00:13:21,820 --> 00:13:15,080
spend a year on the space station she

285
00:13:23,710 --> 00:13:21,830
she screamed out awesome Scott good

286
00:13:28,210 --> 00:13:23,720
morning it's peter king with CBS radio

287
00:13:30,340 --> 00:13:28,220
news and you know listening to what your

288
00:13:32,829 --> 00:13:30,350

crewmates said a few moments ago he

289

00:13:35,139 --> 00:13:32,839

talked about you as being a good

290

00:13:36,850 --> 00:13:35,149

professional and a good man i don't know

291

00:13:40,240 --> 00:13:36,860

how well you guys really know each other

292

00:13:42,579 --> 00:13:40,250

or how closely you work together in the

293

00:13:44,290 --> 00:13:42,589

past in training but you know i love for

294

00:13:48,120 --> 00:13:44,300

you to tell us a couple of things that

295

00:13:51,699 --> 00:13:48,130

you like or admire about about Misha

296

00:13:57,070 --> 00:13:51,709

Misha is you know very professional but

297

00:14:00,820 --> 00:13:57,080

he's also a very very likable guy I know

298

00:14:03,670 --> 00:14:00,830

him best from spending about ten days in

299

00:14:05,560 --> 00:14:03,680

quarantine with him in in Baikonur in

300

00:14:08,590 --> 00:14:05,570

Kazakhstan when I was Tracy Caldwell's

301
00:14:11,079 --> 00:14:08,600
backup for for her flight Misha was one

302
00:14:14,350 --> 00:14:11,089
of tracy's crew members so I've known

303
00:14:17,980 --> 00:14:14,360
him you know over the last 10 or 15

304
00:14:20,769 --> 00:14:17,990
years just working with him on akan

305
00:14:23,940 --> 00:14:20,779
occasion but then spending ten days with

306
00:14:27,850 --> 00:14:23,950
him you know having every meal with them

307
00:14:30,519 --> 00:14:27,860
spending time socially with them for

308
00:14:34,510 --> 00:14:30,529
about 10 days prior to his his last

309
00:14:36,850 --> 00:14:34,520
flight and at a follow-up to that and

310
00:14:39,280 --> 00:14:36,860
with apologies to David Bowie but you

311
00:14:41,889 --> 00:14:39,290
guys are spending a long time in a bit

312
00:14:46,300 --> 00:14:41,899
in a tin can if you will a very large

313
00:14:48,310 --> 00:14:46,310

one obviously how important is it not

314

00:14:50,980 --> 00:14:48,320

just to be the best professionals that

315

00:14:53,170 --> 00:14:50,990

you can be but how important is it in a

316

00:14:56,590 --> 00:14:53,180

long-duration flight four crew members

317

00:14:58,990 --> 00:14:56,600

to be close friends maybe even becoming

318

00:15:01,840 --> 00:14:59,000

best friends over the duration of the

319

00:15:06,310 --> 00:15:01,850

training and the actual mission you know

320

00:15:08,860 --> 00:15:06,320

the crew dynamic aspect and and how you

321

00:15:12,220 --> 00:15:08,870

how well you get along is very important

322

00:15:14,350 --> 00:15:12,230

unlike a shuttle flight though a lot of

323

00:15:15,910 --> 00:15:14,360

those in the space station training just

324

00:15:17,380 --> 00:15:15,920

the way that space station flow is

325

00:15:20,079 --> 00:15:17,390

designed with training in different

326

00:15:22,009 --> 00:15:20,089

countries all around the world different

327

00:15:24,889 --> 00:15:22,019

schedules your

328

00:15:27,350 --> 00:15:24,899

generally your ability to bond as a crew

329

00:15:29,210 --> 00:15:27,360

doesn't occur until you get on orbit you

330

00:15:31,819 --> 00:15:29,220

know in most cases that goes well in

331

00:15:35,299 --> 00:15:31,829

some cases there there are interpersonal

332

00:15:37,069 --> 00:15:35,309

issues I think fortunately for for Misha

333

00:15:40,460 --> 00:15:37,079

and I we we know each other we've spent

334

00:15:42,650 --> 00:15:40,470

time together we get along fine and I

335

00:15:46,249 --> 00:15:42,660

think our working relationship and our

336

00:15:48,499 --> 00:15:46,259

personal relationship is strong and is

337

00:15:53,600 --> 00:15:48,509

very suitable to spending a year in

338

00:15:55,369 --> 00:15:53,610

space together hi it's bill Harwood CBS

339

00:15:57,229 --> 00:15:55,379

News with two quick ones one quick

340

00:15:58,819 --> 00:15:57,239

question do you know if something

341

00:16:00,319 --> 00:15:58,829

happens that prevents you from flying

342

00:16:02,299 --> 00:16:00,329

this mission there's the plan to have

343

00:16:05,179 --> 00:16:02,309

backups that could go up for the full

344

00:16:06,559 --> 00:16:05,189

year or wood or wood that derail this is

345

00:16:08,780 --> 00:16:06,569

something like that happen then I got a

346

00:16:12,439 --> 00:16:08,790

quick follow-up yeah the plan is to have

347

00:16:14,629 --> 00:16:12,449

a backup crew that would step in if

348

00:16:17,539 --> 00:16:14,639

something happened to misha and i

349

00:16:21,019 --> 00:16:17,549

likewise where the backup crew to the

350

00:16:22,879 --> 00:16:21,029

previous expedition so you know there's

351

00:16:25,910 --> 00:16:22,889

also the possibility that we might have

352

00:16:27,799 --> 00:16:25,920

to fill in for one of the previous or

353

00:16:29,629 --> 00:16:27,809

the previous flight the previous six

354

00:16:31,129 --> 00:16:29,639

month flight in which case we then

355

00:16:32,689 --> 00:16:31,139

wouldn't be eligible for the year long

356

00:16:36,379 --> 00:16:32,699

flight and our backup would have to

357

00:16:38,449 --> 00:16:36,389

serve in that capacity it's got kind of

358

00:16:39,859 --> 00:16:38,459

a philosophical question you know I walk

359

00:16:41,150 --> 00:16:39,869

at the gym every day for an hour and

360

00:16:42,799 --> 00:16:41,160

have a little timer that tells me when

361

00:16:44,660 --> 00:16:42,809

I'm halfway done you know and sometimes

362

00:16:46,639 --> 00:16:44,670

you go like oh my gosh I'm only halfway

363

00:16:48,559 --> 00:16:46,649

done and I was thinking about you you've

364

00:16:52,429 --> 00:16:48,569

been there six months and that's halfway

365

00:16:53,840 --> 00:16:52,439

I mean when you think about that I just

366

00:16:55,189 --> 00:16:53,850

wondered how tough that is I mean I

367

00:16:56,780 --> 00:16:55,199

realized you hadn't done it so you don't

368

00:16:58,730 --> 00:16:56,790

know but you have been there for six

369

00:17:00,319 --> 00:16:58,740

months it just seems like a pretty

370

00:17:03,079 --> 00:17:00,329

daunting task to those of us on the

371

00:17:05,029 --> 00:17:03,089

ground thanks yeah I would agree you

372

00:17:07,220 --> 00:17:05,039

know it's it's definitely a challenge

373

00:17:10,189 --> 00:17:07,230

you know I think in a lot of ways it'll

374

00:17:12,350 --> 00:17:10,199

be it'll be similar to those those

375

00:17:14,389 --> 00:17:12,360

challenges that people do that's kind of

376

00:17:16,460 --> 00:17:14,399

considered type 2 fun you know it's it's

377

00:17:19,069 --> 00:17:16,470

it's fun when you're done with it not

378

00:17:21,019 --> 00:17:19,079

while you're doing it and you know like

379

00:17:22,610 --> 00:17:21,029

climbing Mount Everest or something like

380

00:17:26,299 --> 00:17:22,620

that not not the type of fun you have

381

00:17:28,189 --> 00:17:26,309

riding a roller coaster so I think in a

382

00:17:32,120 --> 00:17:28,199

lot of ways it will be like that I hope

383

00:17:34,500 --> 00:17:32,130

I suspect you know there's that you know

384

00:17:37,590 --> 00:17:34,510

when you have like a third left of

385

00:17:39,360 --> 00:17:37,600

of something of a certain duration you

386

00:17:42,030 --> 00:17:39,370

know in the case of a six-month light

387

00:17:44,100 --> 00:17:42,040

maybe two months left in a case of a

388

00:17:46,890 --> 00:17:44,110

12-month flight maybe you know about

389

00:17:49,500 --> 00:17:46,900

three three or four months left is when

390

00:17:51,060 --> 00:17:49,510

you know that fatigue level that people

391

00:17:54,180 --> 00:17:51,070

generally see you'll be building up so

392

00:17:56,430 --> 00:17:54,190

hopefully you know I suspect I won't see

393

00:17:57,990 --> 00:17:56,440

that after six months I'll kind of see

394

00:18:01,350 --> 00:17:58,000

that towards the end hopefully not at

395

00:18:03,060 --> 00:18:01,360

all look I think that's it from the

396

00:18:17,600 --> 00:18:03,070

Kennedy Space Center let's go to Moscow

397

00:18:23,550 --> 00:18:20,610

hill-murray such but it's a vision

398

00:18:27,750 --> 00:18:23,560

question to you from your biography just

399

00:18:31,770 --> 00:18:27,760

no one that you climbed Kilimanjaro if

400

00:18:34,590 --> 00:18:31,780

i'm not mistaken so what is this flight

401

00:18:37,830 --> 00:18:34,600

for you is it another level so what is

402

00:18:40,410 --> 00:18:37,840

connected the self light and the

403

00:18:44,700 --> 00:18:40,420

question to scott Kelly can you name

404

00:18:48,660 --> 00:18:44,710

your backup crew member okay about Katie

405

00:18:52,470 --> 00:18:48,670

Machado one of the very experienced the

406

00:18:56,760 --> 00:18:52,480

mountain climbers said that you cannot

407

00:18:59,130 --> 00:18:56,770

climb it and conquer it can't let you in

408

00:19:01,110 --> 00:18:59,140

and can let you out so I was letting and

409

00:19:04,260 --> 00:19:01,120

was let out as per the flight i think

410

00:19:07,590 --> 00:19:04,270

it's a unique opportunity for me and for

411

00:19:12,120 --> 00:19:07,600

us cochiti lucia coracles before only

412

00:19:15,210 --> 00:19:12,130

for russian cosmonauts a date that was

413

00:19:17,970 --> 00:19:15,220

most lists and it's an opportunity to

414

00:19:20,550 --> 00:19:17,980

participate notion programming in the

415

00:19:24,120 --> 00:19:20,560

scientific research program that is

416

00:19:27,480 --> 00:19:24,130

planned what is flight and it cannot be

417

00:19:30,330 --> 00:19:27,490

done during these six months like I am a

418

00:19:34,260 --> 00:19:30,340

professional it's my job I should yield

419

00:19:35,850 --> 00:19:34,270

and of course I am very eager to do this

420

00:19:38,820 --> 00:19:35,860

although of course I understand it won't

421

00:19:43,200 --> 00:19:38,830

be very easy it's a heart it's a heart

422

00:19:46,770 --> 00:19:43,210

it's it's not you know i am not given

423

00:19:52,670 --> 00:19:46,780

the price to myself but it's just really

424

00:19:55,440 --> 00:19:52,680

so answer your question about the backup

425

00:19:57,120 --> 00:19:55,450

nASA has not decided on a backup crew

426

00:19:59,190 --> 00:19:57,130

member and we're going to do that along

427

00:20:01,980 --> 00:19:59,200

the same kind of schedule we've done

428

00:20:04,140 --> 00:20:01,990

with all the previous flights and that

429

00:20:22,500 --> 00:20:04,150

would be in about you know four to five

430

00:20:30,120 --> 00:20:27,200

Washington can I ask a question yes

431

00:20:32,730 --> 00:20:30,130

Peter scottson Interfax Mikhail

432

00:20:34,620 --> 00:20:32,740

Borisovich you bring you joy still

433

00:20:36,390 --> 00:20:34,630

sleeping said that you will participate

434

00:20:39,720 --> 00:20:36,400

in experiments that are planned for the

435

00:20:42,750 --> 00:20:39,730

year-long expedition expedia there is

436

00:20:46,530 --> 00:20:42,760

another expedition going up for to the

437

00:20:49,080 --> 00:20:46,540

ISS so they will have to perform 37

438

00:20:53,370 --> 00:20:49,090

Russian experiments and 130 on the

439

00:20:55,170 --> 00:20:53,380

American science flight program so do

440

00:20:58,800 --> 00:20:55,180

you think that by your flight you will

441

00:21:00,540 --> 00:20:58,810

have enough science experiments and they

442

00:21:03,030 --> 00:21:00,550

won't be just repetitions of the old

443

00:21:05,310 --> 00:21:03,040

ones you know the ones that were done on

444

00:21:08,310 --> 00:21:05,320

salute and meal but they were current

445

00:21:10,260 --> 00:21:08,320

ones course right now we even cannot

446

00:21:13,500 --> 00:21:10,270

find enough experiments for a six-month

447

00:21:17,490 --> 00:21:13,510

flight to the Russian segment when I

448

00:21:20,250 --> 00:21:17,500

flew we had 48 Russian experiments so it

449

00:21:22,170 --> 00:21:20,260

fluctuates as for the repetition of the

450

00:21:25,350 --> 00:21:22,180

mere experiment to some part of

451
00:21:28,920 --> 00:21:25,360
experiments actually will repeat the

452
00:21:30,630 --> 00:21:28,930
ones that were on me but they are the

453
00:21:33,960 --> 00:21:30,640
experiments that need some statistical

454
00:21:37,670 --> 00:21:33,970
data that's why they are repeated as for

455
00:21:42,390 --> 00:21:37,680
my flight I'm sure that our scientific

456
00:21:45,780 --> 00:21:42,400
institutions I BMP and other institutes

457
00:21:58,080 --> 00:21:45,790
of course will prepare the scientific

458
00:21:58,090 --> 00:22:02,850
any other questions

459
00:22:10,180 --> 00:22:06,100
no more questions you should ask Allah

460
00:22:12,279 --> 00:22:10,190
for example so ria novosti again let me

461
00:22:14,590 --> 00:22:12,289
go please do you know your backup crew

462
00:22:16,269 --> 00:22:14,600
member yes of course she'll give okula

463
00:22:24,810 --> 00:22:16,279

forgive Oh cough is my backup crew

464

00:22:28,810 --> 00:22:27,430

okay let's go to the phone lines and

465

00:22:34,389 --> 00:22:28,820

begin taking questions from there is

466

00:22:37,749 --> 00:22:34,399

stephanie pappas from space com there hi

467

00:22:39,940 --> 00:22:37,759

that are sorry I was muted I have a

468

00:22:43,690 --> 00:22:39,950

question for both of stephanie pappas

469

00:22:45,460 --> 00:22:43,700

from space calm and i would like to know

470

00:22:47,740 --> 00:22:45,470

obviously be you'll be busier and busier

471

00:22:50,350 --> 00:22:47,750

as you prepare for this mission I'm

472

00:22:52,330 --> 00:22:50,360

wondering if you have plans to spend

473

00:22:53,950 --> 00:22:52,340

extra time with your friends and family

474

00:22:57,310 --> 00:22:53,960

prior if you're able to sort of filled

475

00:23:01,360 --> 00:22:57,320

up that time before you're isolated up

476
00:23:04,360 --> 00:23:01,370
on the ISS well that's a good question I

477
00:23:05,980 --> 00:23:04,370
i hope i have that opportunity i haven't

478
00:23:10,419 --> 00:23:05,990
started training yet they're still

479
00:23:13,690 --> 00:23:10,429
building my my training template so yeah

480
00:23:15,820 --> 00:23:13,700
I certainly I would if I could and I and

481
00:23:18,009 --> 00:23:15,830
I hope to have time to more time to

482
00:23:26,889 --> 00:23:18,019
spend with friends and family before

483
00:23:28,360 --> 00:23:26,899
going on such a long flight okay let's

484
00:23:30,070 --> 00:23:28,370
go to mr. Kornienko and see if he has a

485
00:23:31,869 --> 00:23:30,080
response to that the question was do you

486
00:23:33,700 --> 00:23:31,879
have are you going to try to spend some

487
00:23:46,620 --> 00:23:33,710
extra time with your friends and family

488
00:23:52,210 --> 00:23:50,500

Nostalgia naskolko well you know as I

489

00:23:54,820 --> 00:23:52,220

will try to spend as much time as my

490

00:23:58,030 --> 00:23:54,830

preparation as my training will allow me

491

00:24:00,790 --> 00:23:58,040

in a day I will go to Houston I will be

492

00:24:03,490 --> 00:24:00,800

there for six months then in summer

493

00:24:06,640 --> 00:24:03,500

another stage of the training will start

494

00:24:08,400 --> 00:24:06,650

of course they want much time to spend

495

00:24:11,080 --> 00:24:08,410

the you know with my family

496

00:24:15,580 --> 00:24:11,090

unfortunately I would love to have more

497

00:24:19,960 --> 00:24:15,590

but I will try to find some time okay

498

00:24:23,020 --> 00:24:19,970

how about lisa rose d'or leisure hi I

499

00:24:25,540 --> 00:24:23,030

just have a question um I basically

500

00:24:28,780 --> 00:24:25,550

wanted to see what people are planning

501
00:24:30,580 --> 00:24:28,790
to attack you know in terms of there are

502
00:24:33,520 --> 00:24:30,590
limitations in terms of how much you can

503
00:24:36,340 --> 00:24:33,530
pack to go up for a year and also other

504
00:24:38,250 --> 00:24:36,350
like personal items that you're planning

505
00:24:41,290 --> 00:24:38,260
to pack in order to kind of you know

506
00:24:43,660 --> 00:24:41,300
achieve some normalcy and connect with

507
00:24:46,870 --> 00:24:43,670
the people back home while you're up

508
00:24:49,450 --> 00:24:46,880
there well Lisa as far as like your

509
00:24:52,600 --> 00:24:49,460
clothing and food and and those type of

510
00:24:55,330 --> 00:24:52,610
items those are all provided for you by

511
00:24:57,310 --> 00:24:55,340
the government certainly the amount of

512
00:24:58,830 --> 00:24:57,320
clothes you have is much less and you

513
00:25:01,750 --> 00:24:58,840

would use on earth you don't have a

514

00:25:04,590 --> 00:25:01,760

capability to wash them so they're

515

00:25:07,000 --> 00:25:04,600

disposed after a specific amount of time

516

00:25:10,870 --> 00:25:07,010

but as far as personal items you get a

517

00:25:13,660 --> 00:25:10,880

little bag that's about this big and you

518

00:25:16,330 --> 00:25:13,670

can basically you know within a certain

519

00:25:23,670 --> 00:25:16,340

set of rules and requirements take what

520

00:25:34,630 --> 00:25:30,040

okay Robert pearlman collectspace.com hi

521

00:25:37,300 --> 00:25:34,640

I from a logistic standpoint of working

522

00:25:40,240 --> 00:25:37,310

with the rotating crew members that

523

00:25:42,910 --> 00:25:40,250

you'll be up there with are you you

524

00:25:45,280 --> 00:25:42,920

Scott and and Mikhail arts are you

525

00:25:47,530 --> 00:25:45,290

viewing yourself as your own expedition

526
00:25:49,810 --> 00:25:47,540
or are you rotating with them into

527
00:25:51,670 --> 00:25:49,820
different expeditions as they increments

528
00:25:53,830 --> 00:25:51,680
as they pass and will either of you be

529
00:25:56,409 --> 00:25:53,840
serving as commander during any of your

530
00:25:58,570 --> 00:25:56,419
time on board yeah

531
00:26:02,049 --> 00:25:58,580
Robert so so the way I look at it and I

532
00:26:04,810 --> 00:26:02,059
think the way Misha will look at it as

533
00:26:07,590 --> 00:26:04,820
well as roast cosmos and NASA is that

534
00:26:09,970 --> 00:26:07,600
you know we're all part of one crew and

535
00:26:12,879 --> 00:26:09,980
during our time on orbit will be

536
00:26:16,090 --> 00:26:12,889
basically part of six crews to different

537
00:26:18,009 --> 00:26:16,100
soils crews and and four different ISS

538
00:26:20,710 --> 00:26:18,019

increments no different than than

539

00:26:23,529 --> 00:26:20,720

anybody else who flies on international

540

00:26:25,389 --> 00:26:23,539

space station crew cohesion and our

541

00:26:29,049 --> 00:26:25,399

ability to work together and respond

542

00:26:32,590 --> 00:26:29,059

together as a team is one of the if not

543

00:26:35,169 --> 00:26:32,600

the most important thing that we need to

544

00:26:38,200 --> 00:26:35,179

be prepared to do and be trained for as

545

00:26:41,200 --> 00:26:38,210

far as will either of us be the

546

00:26:43,979 --> 00:26:41,210

commander I'll i will be the commander

547

00:26:48,489 --> 00:26:43,989

of the space station for the second two

548

00:26:51,190 --> 00:26:48,499

of the four increments that I'll be a

549

00:26:53,070 --> 00:26:51,200

part of so then Misha and I'll be a part

550

00:26:55,450 --> 00:26:53,080

of so and that will be the second

551
00:27:12,090 --> 00:26:55,460
basically the second six months of our

552
00:27:16,500 --> 00:27:14,340
no she just pooted with us that's not

553
00:27:18,870 --> 00:27:16,510
good there's already answered this

554
00:27:27,210 --> 00:27:18,880
question he's a very experienced

555
00:27:30,659 --> 00:27:27,220
astronaut I wouldn't prioritize the fact

556
00:27:33,210 --> 00:27:30,669
of being a commander of course the crew

557
00:27:36,419 --> 00:27:33,220
is one team and we depend on each other

558
00:27:39,000 --> 00:27:36,429
mutually bishop and I don't think we

559
00:27:43,500 --> 00:27:39,010
should divide anything so all politics

560
00:27:46,950 --> 00:27:43,510
is left behind or below no we when we

561
00:27:49,110 --> 00:27:46,960
were together we were very friendly to

562
00:27:51,200 --> 00:27:49,120
each other and I think we will be also

563
00:27:55,380 --> 00:27:51,210

very good to each other and friendly

564

00:27:56,940 --> 00:27:55,390

during our year-long expedition curves

565

00:28:01,380 --> 00:27:56,950

to the people i'm flying with up just

566

00:28:03,510 --> 00:28:01,390

wonderful okay about Peter spots with

567

00:28:06,180 --> 00:28:03,520

christian science monitor well thank you

568

00:28:08,970 --> 00:28:06,190

very much I was interested interested in

569

00:28:11,520 --> 00:28:08,980

what in thinking about the sort of the

570

00:28:13,940 --> 00:28:11,530

psychological approach to this longer

571

00:28:15,990 --> 00:28:13,950

mission I wonder if there are any

572

00:28:18,390 --> 00:28:16,000

examples you might give a kind of

573

00:28:20,970 --> 00:28:18,400

lessons learned and how you coped during

574

00:28:25,289 --> 00:28:20,980

a six-month that you might try something

575

00:28:27,690 --> 00:28:25,299

different on this this time around we

576

00:28:31,380 --> 00:28:27,700

have a whole team here at NASA that

577

00:28:34,799 --> 00:28:31,390

deals with what's called behaved

578

00:28:37,080 --> 00:28:34,809

behavioral health and performance on

579

00:28:41,010 --> 00:28:37,090

board the space station and they they

580

00:28:43,289 --> 00:28:41,020

help us with you know things that we do

581

00:28:45,480 --> 00:28:43,299

in our spare time basically to stay

582

00:28:48,539 --> 00:28:45,490

connected with you know friends and

583

00:28:51,750 --> 00:28:48,549

family on earth via video conferences

584

00:28:54,720 --> 00:28:51,760

and you know providing you with with

585

00:28:58,830 --> 00:28:54,730

entertainment whether it's newspapers or

586

00:29:01,230 --> 00:28:58,840

magazines or books or movies music those

587

00:29:04,669 --> 00:29:01,240

type of things so you know from my

588

00:29:07,590 --> 00:29:04,679

perspective you know my first

589

00:29:09,149 --> 00:29:07,600

long-duration flight of six months I

590

00:29:15,090 --> 00:29:09,159

didn't put a whole lot of thought into

591

00:29:17,669 --> 00:29:15,100

that and now having spent at that amount

592

00:29:19,950 --> 00:29:17,679

of time already in space i'll put put up

593

00:29:21,870 --> 00:29:19,960

more thought into it you know just

594

00:29:23,570 --> 00:29:21,880

little things about it that you can

595

00:29:25,950 --> 00:29:23,580

certainly tweak you know for instance

596

00:29:28,440 --> 00:29:25,960

you know you run on the treadmill for

597

00:29:30,600 --> 00:29:28,450

30 minutes and generally when I would

598

00:29:33,690 --> 00:29:30,610

run on the treadmill I'd watch some

599

00:29:35,130 --> 00:29:33,700

television shows that normally or 30

600

00:29:36,750 --> 00:29:35,140

minutes long but when you cut out all

601
00:29:39,570 --> 00:29:36,760
the commercials they're no longer 30

602
00:29:41,370 --> 00:29:39,580
minutes and so after about 20 minutes

603
00:29:44,430 --> 00:29:41,380
I'd have to get on a computer and

604
00:29:46,110 --> 00:29:44,440
restart something else so putting more

605
00:29:48,720 --> 00:29:46,120
thought into making sure I have

606
00:29:50,840 --> 00:29:48,730
something that is the duration of you

607
00:29:53,940 --> 00:29:50,850
know that the time I'm on the treadmill

608
00:29:56,549 --> 00:29:53,950
might seem like a you know a minor thing

609
00:29:58,380 --> 00:29:56,559
but over a year-long period you know

610
00:30:00,860 --> 00:29:58,390
just adds to your your quality of life

611
00:30:03,480 --> 00:30:00,870
and your your ability to be entertained

612
00:30:05,940 --> 00:30:03,490
for for such a long period so i'll just

613
00:30:15,440 --> 00:30:05,950

put more thought into those type of

614

00:30:23,710 --> 00:30:20,000

eben are you there okay let's go to

615

00:30:31,100 --> 00:30:29,720

hi can you hear me hear you sorry I

616

00:30:33,409 --> 00:30:31,110

don't know if this is working i hope you

617

00:30:36,139 --> 00:30:33,419

guys can hear me under you just wanted

618

00:30:38,110 --> 00:30:36,149

to kind of get a sense of what you're

619

00:30:40,460 --> 00:30:38,120

going to do stay connected with your

620

00:30:41,629 --> 00:30:40,470

your friends and family when you're when

621

00:30:44,149 --> 00:30:41,639

you're up there i guess this is sort of

622

00:30:46,789 --> 00:30:44,159

a little bit repetitive but are you

623

00:30:48,139 --> 00:30:46,799

going to have any longer these personal

624

00:30:49,519 --> 00:30:48,149

conferences that you normally get each

625

00:30:52,700 --> 00:30:49,529

week or they're going to be separate

626

00:30:54,799 --> 00:30:52,710

kinds of discussions that you're going

627

00:30:56,919 --> 00:30:54,809

to be able to have because of the extra

628

00:31:00,710 --> 00:30:56,929

length of time you're spending up there

629

00:31:03,289 --> 00:31:00,720

well you know if it was up to me I would

630

00:31:05,299 --> 00:31:03,299

keep it the same as as my last flight

631

00:31:09,940 --> 00:31:05,309

and I think it will be up to me I mean

632

00:31:14,000 --> 00:31:09,950

that once a week videoconference with

633

00:31:15,950 --> 00:31:14,010

with my loved ones on on earth and the

634

00:31:17,810 --> 00:31:15,960

ability to occasionally have a video

635

00:31:22,159 --> 00:31:17,820

conference with friends I think for me

636

00:31:23,930 --> 00:31:22,169

personally will work well for me similar

637

00:31:25,639 --> 00:31:23,940

to what i did last time we also have a

638

00:31:29,060 --> 00:31:25,649

telephone on board it's kind of like

639

00:31:31,879 --> 00:31:29,070

calling on a skype type phone that is

640

00:31:33,860 --> 00:31:31,889

very very helpful from a you know

641

00:31:36,350 --> 00:31:33,870

psychological standpoint where basically

642

00:31:38,990 --> 00:31:36,360

you know about 45 minutes every hour you

643

00:31:40,690 --> 00:31:39,000

can call anyone you want to assuming

644

00:31:43,480 --> 00:31:40,700

they're going to answer the phone and

645

00:31:47,810 --> 00:31:43,490

speak to them as well as you know having

646

00:31:49,610 --> 00:31:47,820

email capability so you know i think you

647

00:31:52,490 --> 00:31:49,620

know between putting a little bit more

648

00:31:54,980 --> 00:31:52,500

thought into this whole you know bhp

649

00:31:56,870 --> 00:31:54,990

what we call it the behavioral health

650

00:31:59,090 --> 00:31:56,880

and performance stuff than i did last

651
00:32:01,250 --> 00:31:59,100
time and you know we got a great group

652
00:32:05,230 --> 00:32:01,260
of people working with us in that area i

653
00:32:07,220 --> 00:32:05,240
think i think i'll be pretty well

654
00:32:10,159 --> 00:32:07,230
situated for spending a year on the

655
00:32:11,509 --> 00:32:10,169
space station okay that wraps up the

656
00:32:13,070 --> 00:32:11,519
calls on the phone line so we have a

657
00:32:14,750 --> 00:32:13,080
couple of follow-ups in moscow and also

658
00:32:26,889 --> 00:32:14,760
at the kennedy space center so let's go

659
00:32:32,169 --> 00:32:29,379
the bedroom now probably with Dave named

660
00:32:34,419 --> 00:32:32,179
always do you Leah I'm kind of question

661
00:32:37,419 --> 00:32:34,429
from the whole body Seto remember could

662
00:32:41,349 --> 00:32:37,429
you please tell us about the preparation

663
00:32:45,519 --> 00:32:41,359

for the flight you seem in detail if you

664

00:32:48,339 --> 00:32:45,529

mean physical exercises we do it every

665

00:32:51,279 --> 00:32:48,349

day in GC GC they have a very good gym

666

00:32:54,940 --> 00:32:51,289

in Jerusalem they are repairing right

667

00:32:57,009 --> 00:32:54,950

now there is a swimming pool there you

668

00:32:59,079 --> 00:32:57,019

know there is all kind of training

669

00:33:01,239 --> 00:32:59,089

devices that we are provided with so

670

00:33:04,239 --> 00:33:01,249

physical exercises of course is done

671

00:33:06,909 --> 00:33:04,249

practically every day most of them i

672

00:33:11,379 --> 00:33:06,919

will go to nasir that is soon they also

673

00:33:13,899 --> 00:33:11,389

have a very good gym and I will also use

674

00:33:17,229 --> 00:33:13,909

their swimming pool so this is the

675

00:33:21,849 --> 00:33:17,239

foundation of the physical status so to

676
00:33:27,070 --> 00:33:21,859
say that we need to maintain any other

677
00:33:30,440 --> 00:33:29,210
okay let's go down to the Kennedy Space

678
00:33:35,120 --> 00:33:30,450
Center and take some follow-ups from

679
00:33:38,480 --> 00:33:35,130
there hi this is James Dean from Florida

680
00:33:40,190 --> 00:33:38,490
today Scott your extended family has

681
00:33:42,770 --> 00:33:40,200
been through so much in the last couple

682
00:33:44,750 --> 00:33:42,780
years including a time when when you

683
00:33:47,150 --> 00:33:44,760
were up in orbit and I'm wondering if

684
00:33:49,580 --> 00:33:47,160
you felt like that experience gave you

685
00:33:52,610 --> 00:33:49,590
more confidence we're NASA more

686
00:33:54,470 --> 00:33:52,620
confidence that you might be able to

687
00:33:57,290 --> 00:33:54,480
handle whatever might come up during a

688
00:34:00,500 --> 00:33:57,300

year-long stay well like I can't

689

00:34:05,870 --> 00:34:00,510

certainly I can't speak for anyone at

690

00:34:09,320 --> 00:34:05,880

NASA but for me you know I it was a

691

00:34:12,380 --> 00:34:09,330

pretty significant event when my

692

00:34:14,450 --> 00:34:12,390

sister-in-law was shot along with you

693

00:34:20,600 --> 00:34:14,460

know all those other folks that work or

694

00:34:23,060 --> 00:34:20,610

killed and you know there's certainly

695

00:34:25,610 --> 00:34:23,070

nothing good comes out of anything like

696

00:34:29,360 --> 00:34:25,620

this but as a result you know I do know

697

00:34:34,460 --> 00:34:29,370

that I do know how I respond to

698

00:34:36,770 --> 00:34:34,470

something along those lines so i don't

699

00:34:39,500 --> 00:34:36,780

know if it's helpful but but you know if

700

00:34:42,220 --> 00:34:39,510

something god forbid something you know

701
00:34:45,200 --> 00:34:42,230
tragic was to occur i kind of know how i

702
00:34:47,630 --> 00:34:45,210
react but you know all situations are

703
00:34:49,850 --> 00:34:47,640
different and i think past you know past

704
00:34:51,950 --> 00:34:49,860
performance doesn't necessarily the

705
00:34:58,280 --> 00:34:51,960
predict you know how i would necessarily

706
00:35:00,170 --> 00:34:58,290
be in the future thanks and you know if

707
00:35:03,860 --> 00:35:00,180
we've heard a lot previously about the

708
00:35:08,690 --> 00:35:03,870
the benefit of collecting the biomedical

709
00:35:10,190 --> 00:35:08,700
data that that will add to our our what

710
00:35:11,930 --> 00:35:10,200
we've collected from the six-month

711
00:35:13,790 --> 00:35:11,940
missions and but it is it's it sounds

712
00:35:15,680 --> 00:35:13,800
like you really are thinking much more

713
00:35:18,290 --> 00:35:15,690

in terms of the psychological challenges

714

00:35:19,600 --> 00:35:18,300

rather than the physical aspects or is

715

00:35:22,040 --> 00:35:19,610

that true or are there any things

716

00:35:25,880 --> 00:35:22,050

physically that that you think might

717

00:35:30,620 --> 00:35:25,890

might be difficult well you know there's

718

00:35:33,670 --> 00:35:30,630

a host of physical issues that are going

719

00:35:37,400 --> 00:35:33,680

to be investigated and you know like

720

00:35:38,930 --> 00:35:37,410

Julie Robinson the program scientists

721

00:35:40,010 --> 00:35:38,940

mentioned you know we're still coming up

722

00:35:42,440 --> 00:35:40,020

with the

723

00:35:46,910 --> 00:35:42,450

the suite of experiments that will be

724

00:35:48,830 --> 00:35:46,920

performed but you know certainly you

725

00:35:50,660 --> 00:35:48,840

know i look forward to participating in

726

00:35:53,150 --> 00:35:50,670

those i look forward to helping us learn

727

00:35:56,650 --> 00:35:53,160

more about those issues of you know

728

00:35:59,090 --> 00:35:56,660

vision and bone loss and immune function

729

00:36:02,650 --> 00:35:59,100

certainly you know the radiation affects

730

00:36:06,260 --> 00:36:02,660

all those types of things you know are

731

00:36:10,370 --> 00:36:06,270

equally made perhaps more important than

732

00:36:13,700 --> 00:36:10,380

the the psychological aspect of spending

733

00:36:15,670 --> 00:36:13,710

a year in space that I guess the only

734

00:36:18,190 --> 00:36:15,680

reason I was focusing on the the

735

00:36:21,580 --> 00:36:18,200

psychological part is that's more

736

00:36:28,220 --> 00:36:21,590

personal you know more subjective versus

737

00:36:30,980 --> 00:36:28,230

you know quantitative data Scott it's

738

00:36:32,870 --> 00:36:30,990

peter king with CBS radio news again and

739

00:36:35,180 --> 00:36:32,880

and following up on James's question

740

00:36:37,400 --> 00:36:35,190

about physical issues one of the things

741

00:36:40,270 --> 00:36:37,410

we heard earlier from Julie and from the

742

00:36:42,890 --> 00:36:40,280

Russian side as well was talked about

743

00:36:45,110 --> 00:36:42,900

the vision and cranial issues that

744

00:36:46,850 --> 00:36:45,120

apparently have affected some of the

745

00:36:50,300 --> 00:36:46,860

space station crew members coming back

746

00:36:52,430 --> 00:36:50,310

I'm wondering number one have did you

747

00:36:55,010 --> 00:36:52,440

feel any ill effects from your previous

748

00:36:57,770 --> 00:36:55,020

Space Station flight and number two how

749

00:37:00,200 --> 00:36:57,780

concerned are you at putting yourself at

750

00:37:04,730 --> 00:37:00,210

risk for possible further damage in

751
00:37:06,980 --> 00:37:04,740
those two specific areas yeah vision on

752
00:37:10,130 --> 00:37:06,990
the one long flight wasn't much

753
00:37:11,870 --> 00:37:10,140
different than my experience on my my

754
00:37:17,540 --> 00:37:11,880
previous two flights a little bit of a

755
00:37:22,460 --> 00:37:17,550
shift in in the in my vision that then

756
00:37:26,990 --> 00:37:22,470
corrected pretty soon post flight back

757
00:37:29,530 --> 00:37:27,000
to where I was before the mission so you

758
00:37:32,660 --> 00:37:29,540
know personally I don't have a concern

759
00:37:35,960 --> 00:37:32,670
but it will be interesting to see from a

760
00:37:38,090 --> 00:37:35,970
scientific standpoint whether they're

761
00:37:39,890 --> 00:37:38,100
there is a difference between what I

762
00:37:44,250 --> 00:37:39,900
experienced on the six-month flight

763
00:37:48,000 --> 00:37:46,110

hello this is Marcia Dunn of The

764

00:37:51,000 --> 00:37:48,010

Associated Press and could I ask mr.

765

00:37:53,210 --> 00:37:51,010

kornienko a question please mr.

766

00:37:56,130 --> 00:37:53,220

Kornienko I'm wondering did you have any

767

00:37:59,340 --> 00:37:56,140

hesitation in accepting the challenge of

768

00:38:12,440 --> 00:37:59,350

a one-year mission and what did your

769

00:38:17,940 --> 00:38:15,750

no particular notice I'm ignorant well I

770

00:38:21,030 --> 00:38:17,950

had some doubts of course you know a

771

00:38:23,130 --> 00:38:21,040

year is a serious time but they were not

772

00:38:27,420 --> 00:38:23,140

for long inside you and actually it was

773

00:38:30,150 --> 00:38:27,430

my initiative woman and my wife of

774

00:38:35,400 --> 00:38:30,160

course she started to cry all three axes

775

00:38:36,780 --> 00:38:35,410

that's that was her reaction okay that

776

00:38:37,770 --> 00:38:36,790

is it from the Kennedy Space Center

777

00:38:40,590 --> 00:38:37,780

you'll see if there's any follow-ups

778

00:38:44,990 --> 00:38:40,600

here in Houston mr. Roberge mmhmm yeah

779

00:38:47,730 --> 00:38:45,000

follow rooster crowing ankle I asked him

780

00:38:49,560 --> 00:38:47,740

how long he wants to spend talking with

781

00:38:52,230 --> 00:38:49,570

the Russians who have been a year at

782

00:38:54,840 --> 00:38:52,240

space to get their advice in their

783

00:38:57,120 --> 00:38:54,850

insights into his own preparation is own

784

00:38:59,490 --> 00:38:57,130

psychological preparation and also we

785

00:39:12,270 --> 00:38:59,500

please identify for us than the metals

786

00:39:17,080 --> 00:39:15,190

yeah visiting a percentage of course I

787

00:39:19,570 --> 00:39:17,090

will talk to them we'll take their

788

00:39:21,400 --> 00:39:19,580

advice for sure it's a absolutely

789

00:39:23,500 --> 00:39:21,410

priceless experience of course I have

790

00:39:25,720 --> 00:39:23,510

six months experience on board the

791

00:39:28,660 --> 00:39:25,730

station I'm more or less ready I think

792

00:39:33,220 --> 00:39:28,670

but of course every person is individual

793

00:39:36,100 --> 00:39:33,230

and individually you know this receives

794

00:39:38,440 --> 00:39:36,110

the flight so i will try to sum up all

795

00:39:41,680 --> 00:39:38,450

their experiences and it will be very

796

00:39:44,530 --> 00:39:41,690

useful it will be easier for me you know

797

00:39:46,210 --> 00:39:44,540

to spend this year on the station

798

00:39:48,640 --> 00:39:46,220

because it is a priceless experience of

799

00:39:55,000 --> 00:39:48,650

course you're a new target mm-hmm so

800

00:39:57,910 --> 00:39:55,010

that that's it you ask you don't ask

801
00:40:00,460 --> 00:39:57,920
again just ask you identify the metal

802
00:40:19,690 --> 00:40:00,470
song started shot his jacket okay he's

803
00:40:22,870 --> 00:40:19,700
asking about medals on his jacket okay

804
00:40:25,090 --> 00:40:22,880
so this is the star of the hero of the

805
00:40:28,090 --> 00:40:25,100
Russian Federation and this is a batch

806
00:40:31,380 --> 00:40:28,100
of the member of the Russian cosmonaut

807
00:40:35,530 --> 00:40:31,390
corps de creme in Kremlin resident

808
00:40:38,200 --> 00:40:35,540
awarded these medals so such as quartz

809
00:40:40,410 --> 00:40:38,210
even me received those Awards on the

810
00:40:43,420 --> 00:40:40,420
twelfth of April we were in the Kremlin

811
00:40:46,720 --> 00:40:43,430
when we celebrate the anniversary of the

812
00:40:50,770 --> 00:40:46,730
Russian of 50th anniversary of the

813
00:40:52,660 --> 00:40:50,780

Guardian flight to space so these are my

814

00:40:59,830 --> 00:40:52,670

medals and badges that I have on my

815

00:41:02,200 --> 00:40:59,840

jacket okay Kevin went again from ABC 13

816

00:41:03,760 --> 00:41:02,210

here in Houston could you describe in

817

00:41:06,910 --> 00:41:03,770

more detail please the changes in your

818

00:41:09,190 --> 00:41:06,920

vision post flight last time was a

819

00:41:11,290 --> 00:41:09,200

blurred vision was a difference and

820

00:41:13,540 --> 00:41:11,300

perception peripheral vision and how

821

00:41:19,210 --> 00:41:13,550

long it took that vision to return to

822

00:41:20,770 --> 00:41:19,220

normal um yeah so I think it was you

823

00:41:22,930 --> 00:41:20,780

know on the order of like a diopter

824

00:41:26,560 --> 00:41:22,940

shift I don't even know which way and

825

00:41:28,630 --> 00:41:26,570

then you know pretty soon after you know

826

00:41:32,109 --> 00:41:28,640

I was back to what my baseline was you

827

00:41:36,180 --> 00:41:32,119

know within several weeks I don't

828

00:41:40,300 --> 00:41:36,190

remember exactly the details okay mark

829

00:41:42,670 --> 00:41:40,310

yes mark rose for aviation week i'm

830

00:41:44,470 --> 00:41:42,680

wondering i think i understand this but

831

00:41:46,420 --> 00:41:44,480

throughout the year that you're on the

832

00:41:48,970 --> 00:41:46,430

station will you be eligible for

833

00:41:52,329 --> 00:41:48,980

spacewalks track and capture all the

834

00:41:54,700 --> 00:41:52,339

usual maintenance overhead that goes on

835

00:41:56,710 --> 00:41:54,710

or are you blocked off from doing that

836

00:42:01,000 --> 00:41:56,720

as far as you know at some point in your

837

00:42:05,040 --> 00:42:01,010

state absolutely you know you're equal

838

00:42:08,560 --> 00:42:05,050

part of every one of those four crews so

839

00:42:10,150 --> 00:42:08,570

you know the same way we determine you

840

00:42:12,579 --> 00:42:10,160

know using the same criteria we

841

00:42:16,059 --> 00:42:12,589

determine who does the track and capture

842

00:42:18,220 --> 00:42:16,069

or who does the spacewalks will be you

843

00:42:22,540 --> 00:42:18,230

know likewise used for the year-long

844

00:42:24,190 --> 00:42:22,550

crew members okay that is it we're going

845

00:42:25,630 --> 00:42:24,200

to wrap it up we want to thank obviously

846

00:42:27,309 --> 00:42:25,640

Scott and Misha for participating today

847

00:42:29,109 --> 00:42:27,319

thanks to all the media who attended as

848

00:42:31,030 --> 00:42:29,119

well of course if you would like to read

849

00:42:32,559 --> 00:42:31,040

more about the expedition especially as

850

00:42:34,180 --> 00:42:32,569

these two crew members begin their

851

00:42:38,280 --> 00:42:34,190

training in the early part of next year

852

00:42:40,930 --> 00:42:38,290

always log onto the NASA website at WWDC