



1  
00:00:19,910 --> 00:00:18,470  
the main crew of the expedition to the

2  
00:00:36,950 --> 00:00:19,920  
iss

3  
00:00:55,350 --> 00:00:39,110  
so questions for you the very first one

4  
00:00:55,360 --> 00:01:04,310  
today is the international radio day

5  
00:01:08,070 --> 00:01:07,190  
so there should be no mistakes in

6  
00:01:16,390 --> 00:01:08,080  
calm

7  
00:01:16,400 --> 00:01:20,550  
questions

8  
00:01:26,469 --> 00:01:22,469  
maxine could you say a few things about

9  
00:01:31,350 --> 00:01:29,030  
what do you feel and uh how is going to

10  
00:01:33,670 --> 00:01:31,360  
play out

11  
00:01:36,630 --> 00:01:33,680  
the career always trying to get an

12  
00:01:38,230 --> 00:01:36,640  
excellent grade it's our job

13  
00:01:40,469 --> 00:01:38,240

it's the

14

00:01:43,270 --> 00:01:40,479  
showcase of our abilities of our

15

00:01:47,429 --> 00:01:44,069  
but

16

00:01:49,350 --> 00:01:47,439  
everything happens sometimes we get good

17

00:01:52,230 --> 00:01:49,360  
grades not excellent grades sometimes

18

00:01:54,230 --> 00:01:52,240  
you have to redo the exam it's an exam

19

00:01:58,069 --> 00:01:54,240  
it's a complex thing a very difficult

20

00:02:01,190 --> 00:01:58,079  
thing but we're always ready to go in

21

00:02:02,630 --> 00:02:01,200  
and perform what we're supposed to do

22

00:02:05,670 --> 00:02:02,640  
and we do

23

00:02:09,589 --> 00:02:05,680  
we are eager to get good grades with uh

24

00:02:12,550 --> 00:02:09,599  
no comment we'll see in the evening

25

00:02:14,470 --> 00:02:12,560  
for nasa tv for read wisely

26

00:02:16,309 --> 00:02:14,480

you're an experienced fighter pilot

27

00:02:17,830 --> 00:02:16,319

pilot you've had thousands of hours of

28

00:02:19,190 --> 00:02:17,840

flight time on

29

00:02:21,589 --> 00:02:19,200

multiple different airplanes how would

30

00:02:23,110 --> 00:02:21,599

you compare your training now aboard the

31

00:02:26,790 --> 00:02:23,120

soyuz for what's going to be your very

32

00:02:31,589 --> 00:02:28,869

this is far more complicated overall

33

00:02:33,589 --> 00:02:31,599

it's it's two years of training to get

34

00:02:35,670 --> 00:02:33,599

to the end result of

35

00:02:38,309 --> 00:02:35,680

one launch for nine minutes

36

00:02:40,390 --> 00:02:38,319

and so when you really look at that each

37

00:02:42,710 --> 00:02:40,400

flight in a navy airplane is maybe a few

38

00:02:44,070 --> 00:02:42,720

hours uh but you do it routinely and

39

00:02:45,509 --> 00:02:44,080

this is just one shot and we have to

40

00:02:47,830 --> 00:02:45,519

know everything

41

00:02:51,430 --> 00:02:47,840

on our own basically with no help so

42

00:02:54,390 --> 00:02:51,440

it's two years well spent

43

00:02:57,030 --> 00:02:54,400

and for nasa and for alexander you could

44

00:02:58,869 --> 00:02:57,040

answer in both english and in pyramid

45

00:03:00,550 --> 00:02:58,879

how do you feel about taking your final

46

00:03:02,070 --> 00:03:00,560

exams for the soy for your very first

47

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

soyuz flight

48

00:03:06,550 --> 00:03:04,080

well today is the last day of my

49

00:03:08,390 --> 00:03:06,560

training that lasted five and a half

50

00:03:10,070 --> 00:03:08,400

years so i don't think there's

51  
00:03:15,750 --> 00:03:10,080  
many more words that i need to describe

52  
00:03:15,760 --> 00:03:31,750  
yeah what is the let's

53  
00:03:35,270 --> 00:03:32,789  
how

54  
00:03:38,309 --> 00:03:35,280  
fulfilled is going to be a work in orbit

55  
00:03:44,309 --> 00:03:38,319  
how many tasks you are going to have how

56  
00:03:47,910 --> 00:03:46,229  
it's going to be pretty intensive i'd

57  
00:03:49,589 --> 00:03:47,920  
say that each flight

58  
00:03:52,710 --> 00:03:49,599  
to the station

59  
00:03:53,750 --> 00:03:52,720  
is different from any other flight

60  
00:03:55,910 --> 00:03:53,760  
and

61  
00:03:58,830 --> 00:03:55,920  
events are different

62  
00:04:00,630 --> 00:03:58,840  
but we do have an extensive scientific

63  
00:04:03,110 --> 00:04:00,640

activity we have

64

00:04:05,509 --> 00:04:03,120

three us spacewalks three russian space

65

00:04:08,149 --> 00:04:05,519

walks

66

00:04:11,350 --> 00:04:08,159

progress vehicles will be docking

67

00:04:13,110 --> 00:04:11,360

new us vehicles will be docking orbital

68

00:04:15,589 --> 00:04:13,120

and spacex

69

00:04:17,030 --> 00:04:15,599

we have the atv vehicle

70

00:04:21,670 --> 00:04:17,040

from europe

71

00:04:25,030 --> 00:04:23,350

is there anything new and something

72

00:04:26,830 --> 00:04:25,040

appealing to you

73

00:04:29,510 --> 00:04:26,840

among the experiments you're going to

74

00:04:30,870 --> 00:04:29,520

conduct as for the experiments i think

75

00:04:32,950 --> 00:04:30,880

the best one

76

00:04:35,189 --> 00:04:32,960

for me will be watching my two crew

77

00:04:37,110 --> 00:04:35,199

members when they get there

78

00:04:40,390 --> 00:04:37,120

into space this will be a really

79

00:04:42,870 --> 00:04:40,400

psychologist experiment the best one

80

00:04:49,510 --> 00:04:42,880

thank you very much

81

00:05:04,550 --> 00:04:51,430

like this

82

00:05:04,560 --> 00:05:19,029

what about the non-traditional way

83

00:05:19,039 --> 00:05:49,990

uh

84

00:05:50,000 --> 00:06:05,590

okay

85

00:06:05,600 --> 00:06:19,990

your camera

86

00:06:23,189 --> 00:06:22,150

need to talk about this probleated by

87

00:06:27,670 --> 00:06:23,199

color

88

00:07:11,270 --> 00:06:29,990

this will be great

89

00:07:14,830 --> 00:07:12,790

state board

90

00:07:18,150 --> 00:07:14,840

the main crew to the international space

91

00:07:24,710 --> 00:07:18,160

station is ready for the integrated

92

00:07:28,950 --> 00:07:27,510

he's got a lucky hand

93

00:08:11,270 --> 00:07:28,960

we'll take a look

94

00:08:15,110 --> 00:08:12,950

absolutely prepared absolutely prepared

95

00:08:16,230 --> 00:08:15,120

it's been a long uh but enjoyable two

96

00:08:18,629 --> 00:08:16,240

years for us

97

00:08:20,710 --> 00:08:18,639

and uh today and tomorrow uh really our

98

00:08:36,790 --> 00:08:20,720

final tests uh before we head down to

99

00:08:41,430 --> 00:08:39,750

uh we do have some some books that are

100

00:08:43,589 --> 00:08:41,440

that are already up there from previous

101  
00:08:45,269 --> 00:08:43,599  
crews that have launched uh but really i

102  
00:08:46,870 --> 00:08:45,279  
think the thing we're most likely

103  
00:08:48,870 --> 00:08:46,880  
alex and i are most looking forward to

104  
00:08:50,070 --> 00:08:48,880  
the camera and the view down to earth i

105  
00:08:51,829 --> 00:08:50,080  
think that's where we'll spend most of

106  
00:08:52,790 --> 00:08:51,839  
our free time

107  
00:08:55,269 --> 00:08:52,800  
yeah i have

108  
00:08:57,750 --> 00:08:55,279  
memory items from friends and family

109  
00:09:11,990 --> 00:08:57,760  
with me to give me an anchor to so i

110  
00:09:15,269 --> 00:09:13,750  
well this is my first flight i think the

111  
00:09:17,269 --> 00:09:15,279  
most difficult thing is going to be

112  
00:09:19,829 --> 00:09:17,279  
learning how to float and keep

113  
00:09:21,910 --> 00:09:19,839

everything with you and not

114

00:09:23,990 --> 00:09:21,920

let not all of your tools and your spare

115

00:09:25,750 --> 00:09:24,000

parts kind of fly away from you i think

116

00:09:28,230 --> 00:09:25,760

max has given us a lot of good advice on

117

00:09:29,509 --> 00:09:28,240

that but we don't use our legs really so

118

00:09:33,430 --> 00:09:29,519

it's going to be a whole new world to

119

00:09:33,440 --> 00:09:40,070

to blog

120

00:09:44,949 --> 00:09:42,550

i think my colleagues are going to

121

00:09:47,430 --> 00:09:44,959

twitter

122

00:09:50,070 --> 00:09:47,440

we'll see probably i'll be sending down

123

00:09:52,470 --> 00:09:50,080

some short messages

124

00:09:54,070 --> 00:09:52,480

of course

125

00:09:59,670 --> 00:09:54,080

uh they'll be here this weekend my

126  
00:10:07,350 --> 00:10:01,430  
oh of course yeah we'll spend the

127  
00:10:09,750 --> 00:10:08,470  
max

128  
00:10:12,310 --> 00:10:09,760  
each

129  
00:10:14,630 --> 00:10:12,320  
group of people has unofficial roles

130  
00:10:16,230 --> 00:10:14,640  
somebody is the mindful person somebody

131  
00:10:18,389 --> 00:10:16,240  
is a gesture

132  
00:10:20,150 --> 00:10:18,399  
how are those roles spread out

133  
00:10:21,509 --> 00:10:20,160  
within your career

134  
00:10:27,350 --> 00:10:21,519  
he's the leader

135  
00:10:31,190 --> 00:10:29,110  
official and unofficial

136  
00:10:33,190 --> 00:10:31,200  
it's difficult to say because situations

137  
00:10:37,670 --> 00:10:33,200  
are different

138  
00:10:40,550 --> 00:10:37,680

in my opinion our crew is well balanced

139

00:10:42,230 --> 00:10:40,560

and uh chest as it is difficult to say

140

00:10:43,750 --> 00:10:42,240

what's more important in your body the

141

00:10:46,389 --> 00:10:43,760

head or the hands

142

00:10:47,670 --> 00:10:46,399

or the lungs or the legs i think in the

143

00:10:51,269 --> 00:10:47,680

same vein

144

00:10:53,910 --> 00:10:51,279

within our crew sometimes uh reed is the

145

00:10:56,949 --> 00:10:53,920

leader if he knows best if he

146

00:10:58,389 --> 00:10:56,959

has more experience sometimes it's alex

147

00:10:59,750 --> 00:10:58,399

who is the leader

148

00:11:02,870 --> 00:10:59,760

because

149

00:11:04,470 --> 00:11:02,880

he's got a worth of experience

150

00:11:05,590 --> 00:11:04,480

for example

151  
00:11:21,670 --> 00:11:05,600  
in

152  
00:11:23,829 --> 00:11:21,680  
our crew we don't really have a

153  
00:11:26,310 --> 00:11:23,839  
well-pronounced leader like say in the

154  
00:11:29,430 --> 00:11:26,320  
military i'm the leader so follow me so

155  
00:11:31,509 --> 00:11:29,440  
i think we're very flexible

156  
00:11:33,910 --> 00:11:31,519  
flexible

157  
00:11:36,150 --> 00:11:33,920  
or emotional somebody is a gesture

158  
00:11:39,670 --> 00:11:36,160  
somebody is the mindful a very

159  
00:11:43,590 --> 00:11:41,350  
something like this

160  
00:11:45,910 --> 00:11:43,600  
i don't really know i'd say that

161  
00:11:48,150 --> 00:11:45,920  
the cold-blooded the mindful person is

162  
00:11:52,310 --> 00:11:48,160  
alex and reid and i are just military

163  
00:11:52,320 --> 00:11:54,949

more questions

164

00:11:59,750 --> 00:11:58,069

is this upcoming flight is going to be

165

00:12:02,069 --> 00:11:59,760

markedly different from the other

166

00:12:04,069 --> 00:12:02,079

flights you know each flight is

167

00:12:06,310 --> 00:12:04,079

outstanding its own way

168

00:12:09,030 --> 00:12:06,320

because they're all test flights and

169

00:12:12,470 --> 00:12:09,040

nobody rule this out

170

00:12:16,310 --> 00:12:12,480

and second each flight brings about uh

171

00:12:18,870 --> 00:12:16,320

things which are unique and

172

00:12:20,870 --> 00:12:18,880

happen probably once in the entire space

173

00:12:23,269 --> 00:12:20,880

history we expect everything to be

174

00:12:26,389 --> 00:12:23,279

smooth to be nominal that everything

175

00:12:29,590 --> 00:12:26,399

will be operational that we won't have

176

00:12:31,030 --> 00:12:29,600

many of normal situations but no one can

177

00:12:33,750 --> 00:12:31,040

predict

178

00:12:34,870 --> 00:12:33,760

but our flight is uh pretty intensive

179

00:12:37,269 --> 00:12:34,880

and

180

00:12:39,190 --> 00:12:37,279

very well cut out

181

00:12:40,310 --> 00:12:39,200

and we have lots of experiments so it's

182

00:12:42,230 --> 00:12:40,320

probably

183

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

of a high degree

184

00:12:47,190 --> 00:12:44,399

and besides we've got space walks we've

185

00:12:49,509 --> 00:12:47,200

got three u.s space works planned

186

00:12:50,829 --> 00:12:49,519

and the russian segment is going to have

187

00:12:52,389 --> 00:12:50,839

three space

188

00:12:54,790 --> 00:12:52,399

walks

189

00:12:56,470 --> 00:12:54,800

to outer space lots of equipment is

190

00:12:58,310 --> 00:12:56,480

going to come

191

00:13:02,069 --> 00:12:58,320

such as

192

00:13:05,030 --> 00:13:02,079

new us vehicles two new types

193

00:13:06,710 --> 00:13:05,040

the european vehicle russian cargo

194

00:13:14,629 --> 00:13:06,720

vehicles so it's going to be a very

195

00:13:19,350 --> 00:13:17,110

are you going to do something special

196

00:13:21,670 --> 00:13:19,360

some traditions

197

00:13:23,829 --> 00:13:21,680

uh just a read

198

00:13:26,550 --> 00:13:23,839

something in the web there are lots of

199

00:13:29,110 --> 00:13:26,560

stories about uh superstitions and

200

00:13:31,030 --> 00:13:29,120

traditions what about yours we follow

201  
00:13:36,389 --> 00:13:31,040  
the ones that have been set by our

202  
00:13:36,399 --> 00:13:46,790  
good luck

203  
00:13:46,800 --> 00:13:58,710  
thank you very much

204  
00:13:58,720 --> 00:14:12,069  
i was going to be over here

205  
00:14:20,710 --> 00:14:13,350  
main crew

206  
00:14:24,310 --> 00:14:22,550  
chair of the state board

207  
00:14:25,110 --> 00:14:24,320  
the backup crew

208  
00:14:37,670 --> 00:14:25,120  
is

209  
00:15:10,829 --> 00:14:40,150  
and you are well aware of

210  
00:15:13,750 --> 00:15:12,870  
oh we had

211  
00:15:14,949 --> 00:15:13,760  
five

212  
00:15:18,069 --> 00:15:14,959  
cards with

213  
00:15:20,230 --> 00:15:18,079

exam situations we took out one we don't

214

00:15:23,590 --> 00:15:20,240

know what's in there it's a secret that

215

00:15:25,670 --> 00:15:23,600

is not reported to the crew

216

00:15:27,670 --> 00:15:25,680

are you expecting some difficult cases

217

00:15:29,189 --> 00:15:27,680

that you don't like

218

00:15:31,829 --> 00:15:29,199

no

219

00:15:33,910 --> 00:15:31,839

all of the situations that can occur

220

00:15:36,389 --> 00:15:33,920

during an integrated exam

221

00:15:49,509 --> 00:15:36,399

have been thoroughly worked through you

222

00:15:54,790 --> 00:15:52,150

what's the most difficult if you occur

223

00:15:57,829 --> 00:15:54,800

enough normal situation that is

224

00:16:00,310 --> 00:15:57,839

say on the brink of life and dead

225

00:16:04,310 --> 00:16:00,320

all of the cooperation items have been

226

00:16:07,430 --> 00:16:04,320

worked through and worked out properly

227

00:16:09,990 --> 00:16:07,440

our cooperation is great and unless

228

00:16:12,310 --> 00:16:10,000

something comes up because of the

229

00:16:14,550 --> 00:16:12,320

mock-up trainer

230

00:16:17,509 --> 00:16:14,560

then uh we'll look forward to our

231

00:16:19,749 --> 00:16:17,519

instructors because uh the train is just

232

00:16:21,430 --> 00:16:19,759

a machine that can fail

233

00:16:29,829 --> 00:16:21,440

but we'll be relying on our cooperation

234

00:16:35,110 --> 00:16:32,470

if this is indeed

235

00:16:38,470 --> 00:16:35,120

so complex how much time would you spend

236

00:16:41,749 --> 00:16:38,480

on studying all of those issues i cannot

237

00:16:42,949 --> 00:16:41,759

really say that some exam issues or

238

00:16:45,350 --> 00:16:42,959

questions

239

00:16:47,749 --> 00:16:45,360  
are hard some are easy

240

00:16:49,670 --> 00:16:47,759  
we started our training

241

00:16:51,990 --> 00:16:49,680  
a year and a half ago so that's enough

242

00:16:54,710 --> 00:16:52,000  
time to get ready for the flight

243

00:16:56,470 --> 00:16:54,720  
do you know each other

244

00:16:57,509 --> 00:16:56,480  
did you get a chance

245

00:17:00,870 --> 00:16:57,519  
to

246

00:17:04,549 --> 00:17:02,870  
in english know each other very well

247

00:17:07,429 --> 00:17:04,559  
over the last two years

248

00:17:10,230 --> 00:17:07,439  
uh we work together very often but we

249

00:17:12,870 --> 00:17:10,240  
also do things outside of work together

250

00:17:14,309 --> 00:17:12,880  
um and so i i joke with samantha all the

251

00:17:22,309 --> 00:17:14,319

time that now she has two younger

252

00:17:27,909 --> 00:17:24,949

uh well on sunday all day we spent

253

00:17:29,909 --> 00:17:27,919

together studying for this exam so

254

00:17:33,350 --> 00:17:29,919

that's a lot well we do other things too

255

00:17:36,390 --> 00:17:33,360

we go out to dinner um

256

00:17:39,029 --> 00:17:36,400

uh what else have we done

257

00:17:40,630 --> 00:17:39,039

very very yeah we we like to spend time

258

00:17:41,590 --> 00:17:40,640

together

259

00:17:47,909 --> 00:17:41,600

yes

260

00:17:52,230 --> 00:17:49,990

and the finalizing question

261

00:17:54,390 --> 00:17:52,240

anton you are now nearing your second

262

00:17:56,070 --> 00:17:54,400

space flight you have one space flight

263

00:17:58,310 --> 00:17:56,080

already behind you

264

00:17:59,590 --> 00:17:58,320

is there any difference between those

265

00:18:01,270 --> 00:17:59,600

two

266

00:18:05,110 --> 00:18:01,280

you have a different crew you're going

267

00:18:10,070 --> 00:18:08,549

well yes i was a backup remember two

268

00:18:11,350 --> 00:18:10,080

times but

269

00:18:14,150 --> 00:18:11,360

i'm still

270

00:18:15,990 --> 00:18:14,160

slightly nervous because uh this is a

271

00:18:16,950 --> 00:18:16,000

new crew and this is

272

00:18:20,390 --> 00:18:16,960

another

273

00:18:22,789 --> 00:18:20,400

step and i have like a younger brother

274

00:18:25,909 --> 00:18:22,799

say samantha who is flat engineer number

275

00:18:30,070 --> 00:18:29,029

so my main task is to prepare the

276

00:18:31,909 --> 00:18:30,080

vehicle

277

00:18:34,310 --> 00:18:31,919

and to

278

00:18:36,549 --> 00:18:34,320

follow the systems uh to monitor the

279

00:18:39,029 --> 00:18:36,559

operation of the system so we're going

280

00:18:49,029 --> 00:18:39,039

to help each other it's not that simple

281

00:18:54,950 --> 00:18:52,549

well the fact that you are going to be

282

00:18:57,350 --> 00:18:54,960

here you have males and females

283

00:18:59,590 --> 00:18:57,360

government to add a certain difficulty

284

00:19:03,029 --> 00:18:59,600

to a long duration space flight there is

285

00:19:19,110 --> 00:19:03,039

no division into female or male

286

00:19:22,950 --> 00:19:22,150

what about some female type behavior

287

00:19:25,110 --> 00:19:22,960

like

288

00:19:27,110 --> 00:19:25,120

can you wake up and say i don't want to

289

00:19:30,390 --> 00:19:27,120

do it now

290

00:19:32,549 --> 00:19:30,400

or i'm a bit cranky so i'm going to cry

291

00:19:34,549 --> 00:19:32,559

we're professional so

292

00:19:37,190 --> 00:19:34,559

we're not talking about any

293

00:19:39,350 --> 00:19:37,200

differentiation between males or females

294

00:19:41,590 --> 00:19:39,360

maybe at school when the

295

00:19:43,350 --> 00:19:41,600

kids are small but we are grown-ups and