



**Андрей БОРИСЕНКО**

1  
00:00:14,310 --> 00:00:11,350  
during the flight pre-flight conference

2  
00:00:16,550 --> 00:00:14,320  
for the prime and backup crew for

3  
00:00:20,390 --> 00:00:16,560  
increments 49.50

4  
00:00:21,269 --> 00:00:20,400  
and i'd like to remind you that

5  
00:00:23,109 --> 00:00:21,279  
inter

6  
00:00:25,109 --> 00:00:23,119  
departmental commission has just

7  
00:00:27,670 --> 00:00:25,119  
finished their session here

8  
00:00:30,790 --> 00:00:27,680  
and they reviewed the results

9  
00:00:34,310 --> 00:00:30,800  
of crew training and all the crew

10  
00:00:36,870 --> 00:00:34,320  
members were recommended to continue the

11  
00:00:39,110 --> 00:00:36,880  
pre-flight training at baikonur

12  
00:00:41,270 --> 00:00:39,120  
expedition 49-15

13  
00:00:43,190 --> 00:00:41,280

i'd like to remind you that meeting of

14

00:00:45,350 --> 00:00:43,200

the state commission has just finished

15

00:00:47,270 --> 00:00:45,360

at the conference room and based on the

16

00:00:49,590 --> 00:00:47,280

results of the prime and backup crew

17

00:00:51,510 --> 00:00:49,600

training the commission recommended them

18

00:00:55,590 --> 00:00:51,520

to proceed training in baikonur

19

00:01:02,470 --> 00:00:58,869

allow me to introduce the prime crew

20

00:01:06,390 --> 00:01:02,480

commander of soyuz ms sergey richikov

21

00:01:22,550 --> 00:01:08,789

flight engineer andrew borisenko russia

22

00:01:28,870 --> 00:01:25,190

and i would like to introduce the backup

23

00:01:31,510 --> 00:01:28,880

crew commander of soyuz ms alexander

24

00:01:35,270 --> 00:01:32,950

russia

25

00:01:37,310 --> 00:01:35,280

flight engineer nicolai

26

00:01:48,069 --> 00:01:37,320

russia ross

27

00:01:51,910 --> 00:01:49,830

i would like to remind you that the

28

00:01:53,270 --> 00:01:51,920

launch is planned on the 23rd of

29

00:01:55,910 --> 00:01:53,280

september

30

00:01:57,590 --> 00:01:55,920

from baikonur cosmodrome

31

00:01:59,590 --> 00:01:57,600

we would like to start our press

32

00:02:02,550 --> 00:01:59,600

conference and uh

33

00:02:04,230 --> 00:02:02,560

on september 23rd

34

00:02:15,750 --> 00:02:04,240

we are ready to start our practice with

35

00:02:20,949 --> 00:02:17,430

could you please tell me if we're going

36

00:02:23,990 --> 00:02:20,959

to bring any souvenirs or gifts to your

37

00:02:25,750 --> 00:02:24,000

colleagues aboard the iss

38

00:02:29,110 --> 00:02:25,760

well i would like to

39

00:02:31,670 --> 00:02:29,120

give the microphone to our spokesperson

40

00:02:34,710 --> 00:02:31,680

andrei borisenko well thank you very

41

00:02:37,670 --> 00:02:34,720

much that was very unexpected

42

00:02:38,630 --> 00:02:37,680

i'm glad to be the spokesperson

43

00:02:39,750 --> 00:02:38,640

however

44

00:02:40,949 --> 00:02:39,760

and

45

00:02:42,390 --> 00:02:40,959

well

46

00:02:44,070 --> 00:02:42,400

i'm not going to tell you what we're

47

00:02:45,430 --> 00:02:44,080

going to bring up

48

00:02:47,190 --> 00:02:45,440

on board

49

00:02:48,949 --> 00:02:47,200

and

50

00:02:50,550 --> 00:02:48,959

because

51  
00:02:52,390 --> 00:02:50,560  
the crew members that are currently on

52  
00:02:53,589 --> 00:02:52,400  
on the iss they will

53  
00:02:55,910 --> 00:02:53,599  
uh

54  
00:02:57,830 --> 00:02:55,920  
hear this press conference and it will

55  
00:02:59,910 --> 00:02:57,840  
no longer our guests will no longer

56  
00:03:02,149 --> 00:02:59,920  
surprise them but of course we are

57  
00:03:13,830 --> 00:03:02,159  
bringing gifts

58  
00:03:17,750 --> 00:03:15,430  
about

59  
00:03:19,270 --> 00:03:17,760  
zero gravity indicators

60  
00:03:21,190 --> 00:03:19,280  
also known as

61  
00:03:22,790 --> 00:03:21,200  
mascots

62  
00:03:25,030 --> 00:03:22,800  
what are you bringing

63  
00:03:27,110 --> 00:03:25,040

on board the iss well

64

00:03:30,789 --> 00:03:27,120

our intention was to select something

65

00:03:33,110 --> 00:03:30,799

unusual as a mascot because our kids are

66

00:03:36,149 --> 00:03:33,120

grown up already and the tradition that

67

00:03:36,949 --> 00:03:36,159

we've had at gctc

68

00:03:40,390 --> 00:03:36,959

when

69

00:03:42,149 --> 00:03:40,400

mascots are selected by the children of

70

00:03:43,750 --> 00:03:42,159

crew members well

71

00:03:46,470 --> 00:03:43,760

this tradition

72

00:03:49,750 --> 00:03:46,480

could not be continued at this time and

73

00:03:51,270 --> 00:03:49,760

therefore we decided to

74

00:03:52,550 --> 00:03:51,280

select

75

00:03:54,229 --> 00:03:52,560

a mock-up

76

00:03:56,070 --> 00:03:54,239

of the future

77

00:03:57,270 --> 00:03:56,080

space vehicle that is currently

78

00:03:58,830 --> 00:03:57,280

developed

79

00:04:02,390 --> 00:03:58,840

in

80

00:04:04,869 --> 00:04:02,400

russia will serve as our mascot this

81

00:04:08,229 --> 00:04:04,879

vehicle is called federation and the

82

00:04:09,270 --> 00:04:08,239

first flight of this vehicle

83

00:04:11,270 --> 00:04:09,280

should

84

00:04:12,830 --> 00:04:11,280

take place in the near future

85

00:04:17,430 --> 00:04:12,840

and we're hoping

86

00:04:19,270 --> 00:04:17,440

that in this manner we will participate

87

00:04:20,310 --> 00:04:19,280

in uh

88

00:04:24,629 --> 00:04:20,320

flight

89

00:04:26,830 --> 00:04:24,639

vehicle

90

00:04:29,670 --> 00:04:26,840

thank you and the next question is from

91

00:04:31,670 --> 00:04:29,680

interfax arsenii petrov

92

00:04:33,189 --> 00:04:31,680

i have a question for

93

00:04:35,110 --> 00:04:33,199

nasa astronaut

94

00:04:37,270 --> 00:04:35,120

what is the difference

95

00:04:38,790 --> 00:04:37,280

in training

96

00:04:43,350 --> 00:04:38,800

training in

97

00:04:46,070 --> 00:04:43,360

gctc nasa and the european space agency

98

00:04:47,749 --> 00:04:46,080

in japan in europe and the us and here

99

00:04:49,430 --> 00:04:47,759

in russia

100

00:04:51,749 --> 00:04:49,440

the training is definitely different i

101  
00:04:54,390 --> 00:04:51,759  
think in each location

102  
00:04:56,870 --> 00:04:54,400  
but it's all very professional

103  
00:04:58,870 --> 00:04:56,880  
it gets us ready and prepared for you

104  
00:05:00,310 --> 00:04:58,880  
know uh if it's in russia then we're

105  
00:05:02,469 --> 00:05:00,320  
getting ready for the soyuz mainly and

106  
00:05:04,390 --> 00:05:02,479  
the russian segment of the station in

107  
00:05:06,950 --> 00:05:04,400  
the us we're more focused on the

108  
00:05:08,790 --> 00:05:06,960  
american section of the space station

109  
00:05:10,469 --> 00:05:08,800  
um and likewise in japan and europe

110  
00:05:13,590 --> 00:05:10,479  
we're focused on their modules and their

111  
00:05:13,600 --> 00:05:17,749  
i agree with everything that shane said

112  
00:05:17,759 --> 00:05:30,870  
is

113  
00:05:34,550 --> 00:05:32,390

first of all i would like to

114

00:05:37,670 --> 00:05:34,560

congratulate you

115

00:05:39,909 --> 00:05:37,680

on completing yet another

116

00:05:42,390 --> 00:05:39,919

challenging stage and the final stage of

117

00:05:44,469 --> 00:05:42,400

your training it is great to see you and

118

00:05:46,390 --> 00:05:44,479

i'd like to wish you good luck

119

00:05:48,950 --> 00:05:46,400

first of all i have a question regarding

120

00:05:51,510 --> 00:05:48,960

your call sign

121

00:05:53,990 --> 00:05:51,520

sergey you're flying for the first time

122

00:05:55,590 --> 00:05:54,000

so what cosine did you select and my

123

00:05:56,629 --> 00:05:55,600

second question is regarding the flight

124

00:05:57,909 --> 00:05:56,639

program

125

00:06:00,309 --> 00:05:57,919

i know that there will be a lot of

126

00:06:02,230 --> 00:06:00,319

experiments and i would

127

00:06:04,070 --> 00:06:02,240

like to ask in particular about

128

00:06:07,909 --> 00:06:04,080

biotechnology

129

00:06:11,510 --> 00:06:09,909

preparation of probiotics aboard the

130

00:06:13,909 --> 00:06:11,520

station

131

00:06:16,070 --> 00:06:13,919

well uh we have the following uh call

132

00:06:18,629 --> 00:06:16,080

sign favor

133

00:06:22,629 --> 00:06:18,639

which is a mounting

134

00:06:23,749 --> 00:06:22,639

it is not a very well known mountain

135

00:06:26,150 --> 00:06:23,759

because

136

00:06:28,870 --> 00:06:26,160

it is a rather small formation

137

00:06:29,830 --> 00:06:28,880

tectonic formation however it is well

138

00:06:32,629 --> 00:06:29,840

known

139

00:06:35,990 --> 00:06:32,639

among certain circles this mountain is

140

00:06:41,830 --> 00:06:36,000

situated in israel in holy land

141

00:06:46,790 --> 00:06:43,110

we

142

00:06:48,790 --> 00:06:46,800

have peaceful purposes of our flight

143

00:06:50,309 --> 00:06:48,800

and so the

144

00:06:51,589 --> 00:06:50,319

meaning

145

00:06:53,990 --> 00:06:51,599

of the name

146

00:06:57,270 --> 00:06:55,830

there is something that unites us and

147

00:07:00,629 --> 00:06:57,280

shows

148

00:07:03,510 --> 00:07:00,639

our aspiration towards a kindness

149

00:07:04,830 --> 00:07:03,520

and all the good things

150

00:07:07,270 --> 00:07:04,840

and then for

151  
00:07:10,230 --> 00:07:07,280  
biotechnology yes we're going to carry

152  
00:07:12,870 --> 00:07:10,240  
out the experiment that you mentioned

153  
00:07:28,830 --> 00:07:12,880  
preparation of new probiotic cultures

154  
00:07:32,790 --> 00:07:30,550  
to

155  
00:07:34,309 --> 00:07:32,800  
see what we can obtain here on earth

156  
00:07:37,110 --> 00:07:34,319  
what kind of products we can develop

157  
00:07:38,710 --> 00:07:37,120  
here on earth that normalize

158  
00:07:39,430 --> 00:07:38,720  
uh digestion

159  
00:07:42,950 --> 00:07:39,440  
and

160  
00:07:46,790 --> 00:07:42,960  
then further develop so-called space

161  
00:07:51,110 --> 00:07:49,270  
could be developed there and then

162  
00:07:53,670 --> 00:07:51,120  
i give the microphone to

163  
00:07:55,510 --> 00:07:53,680

andre because he will be space gardener

164

00:07:58,390 --> 00:07:55,520

well i'm not a

165

00:08:00,869 --> 00:07:58,400

gardener on earth so all my gardening

166

00:08:03,749 --> 00:08:00,879

experience is based on my experience on

167

00:08:05,830 --> 00:08:03,759

the iss in 2011 i

168

00:08:07,029 --> 00:08:05,840

was working with

169

00:08:09,029 --> 00:08:07,039

the

170

00:08:11,830 --> 00:08:09,039

previous version of lada experiment

171

00:08:14,309 --> 00:08:11,840

hardware back then we were growing wheat

172

00:08:16,309 --> 00:08:14,319

and this time we are growing peppers

173

00:08:18,230 --> 00:08:16,319

and i'm hoping that everything will go

174

00:08:20,550 --> 00:08:18,240

well and of course everything is

175

00:08:22,390 --> 00:08:20,560

pointing to the fact that it is going to

176  
00:08:23,749 --> 00:08:22,400  
be successful and

177  
00:08:24,550 --> 00:08:23,759  
i think that's

178  
00:08:28,230 --> 00:08:24,560  
you

179  
00:08:30,390 --> 00:08:28,240  
here on earth uh we'll see

180  
00:08:32,310 --> 00:08:30,400  
big peppers that were grown aboard the

181  
00:08:35,589 --> 00:08:32,320  
station and i also would like to add

182  
00:08:37,430 --> 00:08:35,599  
that we are working together with our us

183  
00:08:39,990 --> 00:08:37,440  
colleagues on a very interesting

184  
00:08:42,389 --> 00:08:40,000  
experiment we'll be working with live

185  
00:08:45,110 --> 00:08:42,399  
mice mice that will be aboard the

186  
00:08:48,790 --> 00:08:45,120  
international space station

187  
00:08:51,430 --> 00:08:48,800  
in fact i've had some experience

188  
00:08:54,070 --> 00:08:51,440

in observing mice in space flight when

189

00:08:56,150 --> 00:08:54,080

they were delivered aboard the station

190

00:08:58,949 --> 00:08:56,160

on

191

00:09:00,710 --> 00:08:58,959

a space shuttle flight so i have some

192

00:09:03,030 --> 00:09:00,720

knowledge about it

193

00:09:05,590 --> 00:09:03,040

about the so-called space

194

00:09:07,829 --> 00:09:05,600

mice so shane and i

195

00:09:09,430 --> 00:09:07,839

will be working on this experiment more

196

00:09:11,030 --> 00:09:09,440

closely this time

197

00:09:12,389 --> 00:09:11,040

to

198

00:09:17,509 --> 00:09:12,399

advance

199

00:09:20,949 --> 00:09:18,949

and what

200

00:09:23,509 --> 00:09:20,959

could you please name other interesting

201  
00:09:26,070 --> 00:09:23,519  
experiments besides build technology

202  
00:09:29,269 --> 00:09:26,080  
well our flight program

203  
00:09:32,150 --> 00:09:29,279  
includes over 50 different experiments

204  
00:09:35,430 --> 00:09:32,160  
in six disciplines and

205  
00:09:37,590 --> 00:09:35,440  
personally i cannot select

206  
00:09:39,030 --> 00:09:37,600  
an experiment that would be

207  
00:09:41,350 --> 00:09:39,040  
most interesting for me because

208  
00:09:44,389 --> 00:09:41,360  
currently all of them look very

209  
00:09:46,630 --> 00:09:44,399  
interesting we do have a lot of joint

210  
00:09:48,630 --> 00:09:46,640  
experiments with

211  
00:09:52,150 --> 00:09:48,640  
the united states with the european

212  
00:09:54,470 --> 00:09:52,160  
space agency and the program is full and

213  
00:09:56,790 --> 00:09:54,480

it requires a lot of preparation and it

214

00:09:57,590 --> 00:09:56,800

is very time intensive

215

00:10:00,070 --> 00:09:57,600

and

216

00:10:07,030 --> 00:10:00,080

of course the results that we're going

217

00:10:11,190 --> 00:10:09,269

we are looking forward to see what kind

218

00:10:14,790 --> 00:10:11,200

of results we are going to get because

219

00:10:16,790 --> 00:10:14,800

it is indeed very exciting

220

00:10:19,910 --> 00:10:16,800

right now but i will i'm sure when i get

221

00:10:21,430 --> 00:10:19,920

home with our integrated crews on the

222

00:10:23,829 --> 00:10:21,440

front and the back end of our mission

223

00:10:25,509 --> 00:10:23,839

we're going to have over 200 experiments

224

00:10:28,310 --> 00:10:25,519

that we're going to conduct

225

00:10:29,990 --> 00:10:28,320

which is which is really fascinating

226

00:10:32,230 --> 00:10:30,000

and it's going to be amazing science

227

00:10:34,949 --> 00:10:32,240

return for the people here on the ground

228

00:10:36,470 --> 00:10:34,959

so we're excited to be part of that

229

00:10:38,150 --> 00:10:36,480

it's an honor to be part of a program

230

00:10:39,590 --> 00:10:38,160

like that that's going to benefit

231

00:10:44,870 --> 00:10:39,600

humanity

232

00:10:48,230 --> 00:10:46,870

i have a question to all the crew

233

00:10:51,030 --> 00:10:48,240

members

234

00:10:53,910 --> 00:10:51,040

you are carrying mascots with you and

235

00:10:55,910 --> 00:10:53,920

what about personal items photographs or

236

00:10:57,990 --> 00:10:55,920

anything else that you will carry with

237

00:11:00,790 --> 00:10:58,000

you taking some thanks photos of my

238

00:11:02,710 --> 00:11:00,800

family and friends and i have several

239

00:11:04,389 --> 00:11:02,720

things from the universities and other

240

00:11:06,389 --> 00:11:04,399

schools that i attended

241

00:11:07,350 --> 00:11:06,399

along with some of my favorite sports

242

00:11:11,990 --> 00:11:07,360

teams

243

00:11:18,069 --> 00:11:16,230

i think that um

244

00:11:20,470 --> 00:11:18,079

i'm really no different from

245

00:11:22,389 --> 00:11:20,480

all the other crew members that have

246

00:11:24,870 --> 00:11:22,399

fled before me i'm going to take

247

00:11:26,710 --> 00:11:24,880

photographs letters

248

00:11:29,030 --> 00:11:26,720

and

249

00:11:30,790 --> 00:11:29,040

all the memorabilia from

250

00:11:32,870 --> 00:11:30,800

my uh

251  
00:11:34,310 --> 00:11:32,880  
from various schools that i attended

252  
00:11:39,030 --> 00:11:34,320  
from

253  
00:11:59,190 --> 00:11:40,470  
and

254  
00:12:01,670 --> 00:11:59,200  
from favor mountain well

255  
00:12:03,590 --> 00:12:01,680  
i think that i also have a traditional

256  
00:12:09,030 --> 00:12:03,600  
kid so to spec

257  
00:12:13,829 --> 00:12:11,430  
there is a small difference so though

258  
00:12:17,110 --> 00:12:13,839  
i'm taking a small

259  
00:12:19,829 --> 00:12:17,120  
mascot a dragon because this is my

260  
00:12:22,310 --> 00:12:19,839  
horoscope sign and i'm

261  
00:12:24,629 --> 00:12:22,320  
taking it with me again in fact i

262  
00:12:26,389 --> 00:12:24,639  
already took this mascot with me during

263  
00:12:29,030 --> 00:12:26,399

my first flight and of course i'm going

264

00:12:30,310 --> 00:12:29,040

to bring photographs of my family of my

265

00:12:33,110 --> 00:12:30,320

friends

266

00:12:34,310 --> 00:12:33,120

they will be there with me as well

267

00:12:36,470 --> 00:12:34,320

and of course

268

00:12:37,350 --> 00:12:36,480

in

269

00:12:40,230 --> 00:12:37,360

our

270

00:12:41,750 --> 00:12:40,240

times we can bring up digital

271

00:12:43,670 --> 00:12:41,760

photographs

272

00:12:45,509 --> 00:12:43,680

but

273

00:12:47,430 --> 00:12:45,519

printed photographs

274

00:12:49,829 --> 00:12:47,440

however

275

00:12:52,790 --> 00:12:49,839

will be in space and then they will be

276

00:12:55,350 --> 00:12:52,800

returned to the earth and for me it

277

00:12:57,110 --> 00:12:55,360

means that my family and friends were in

278

00:12:58,949 --> 00:12:57,120

space with me

279

00:13:00,069 --> 00:12:58,959

well unfortunately it's not possible for

280

00:13:02,790 --> 00:13:00,079

them to

281

00:13:04,629 --> 00:13:02,800

travel aboard the station yet because

282

00:13:06,790 --> 00:13:04,639

currently we don't have such

283

00:13:08,949 --> 00:13:06,800

capabilities scientific and technical

284

00:13:12,550 --> 00:13:08,959

capabilities to bring

285

00:13:14,790 --> 00:13:12,560

everyone on aboard onboard the station

286

00:13:15,509 --> 00:13:14,800

and the photographs that

287

00:13:16,870 --> 00:13:15,519

we

288

00:13:18,710 --> 00:13:16,880

carry with us

289

00:13:21,910 --> 00:13:18,720

they give us the feeling that our

290

00:13:25,509 --> 00:13:21,920

friends and family were able to

291

00:13:29,829 --> 00:13:25,519

observe our beautiful earth from space

292

00:13:29,839 --> 00:13:43,269

cosmetics federation of russian

293

00:13:45,590 --> 00:13:44,790

we would like to

294

00:13:47,030 --> 00:13:45,600

and

295

00:13:50,949 --> 00:13:47,040

our federation would like to

296

00:13:59,269 --> 00:13:52,870

on

297

00:14:02,470 --> 00:13:59,279

which

298

00:14:04,150 --> 00:14:02,480

operated using different frequencies

299

00:14:06,870 --> 00:14:04,160

and

300

00:14:08,310 --> 00:14:06,880

my question to you is

301  
00:14:10,310 --> 00:14:08,320  
the following are we going to have

302  
00:14:12,310 --> 00:14:10,320  
similar hardware

303  
00:14:15,590 --> 00:14:12,320  
uh on the station

304  
00:14:18,870 --> 00:14:15,600  
similar cameras to observe the earth

305  
00:14:20,870 --> 00:14:18,880  
well no we're not going we do not have

306  
00:14:22,310 --> 00:14:20,880  
a similar camera

307  
00:14:24,470 --> 00:14:22,320  
on board the

308  
00:14:27,910 --> 00:14:24,480  
russian segment currently however we do

309  
00:14:31,430 --> 00:14:27,920  
have high quality video and for

310  
00:14:33,430 --> 00:14:31,440  
equipment and we have various types of

311  
00:14:40,230 --> 00:14:33,440  
equipment that are used for many

312  
00:14:45,750 --> 00:14:43,509  
and overall it is very advanced hardware

313  
00:14:49,670 --> 00:14:45,760

that fulfills the same functions that

314

00:14:52,069 --> 00:14:49,680

you've mentioned and i would like to add

315

00:14:54,949 --> 00:14:52,079

that the hardware that we're currently

316

00:14:57,030 --> 00:14:54,959

have on board

317

00:14:59,350 --> 00:14:57,040

in fact it has

318

00:15:01,189 --> 00:14:59,360

more capabilities

319

00:15:03,030 --> 00:15:01,199

than mere hardware and of course it is

320

00:15:03,910 --> 00:15:03,040

not surprising

321

00:15:05,910 --> 00:15:03,920

because

322

00:15:08,550 --> 00:15:05,920

our engineering work

323

00:15:10,870 --> 00:15:08,560

on earth shows that

324

00:15:11,590 --> 00:15:10,880

specialized equipment

325

00:15:14,150 --> 00:15:11,600

is

326

00:15:16,389 --> 00:15:14,160

much more effective

327

00:15:18,310 --> 00:15:16,399

than any other equipment

328

00:15:21,590 --> 00:15:18,320

and

329

00:15:33,749 --> 00:15:21,600

indeed there are many more capabilities

330

00:15:38,870 --> 00:15:36,069

on the russian segment it is very

331

00:15:40,790 --> 00:15:38,880

crowded outside it is very crowded

332

00:15:43,350 --> 00:15:40,800

because

333

00:15:46,230 --> 00:15:43,360

various earth monitoring systems are

334

00:15:48,629 --> 00:15:46,240

installed outside the russian segment

335

00:15:49,509 --> 00:15:48,639

for example a telescope

336

00:15:51,749 --> 00:15:49,519

with

337

00:15:54,310 --> 00:15:51,759

two lenses

338

00:15:57,509 --> 00:15:54,320

and we are able to obtain high quality

339

00:15:59,509 --> 00:15:57,519

high resolution images

340

00:16:02,150 --> 00:15:59,519

and

341

00:16:05,829 --> 00:16:02,160

we are able to obtain high quality

342

00:16:10,790 --> 00:16:09,910

within a range of half a meter

343

00:16:14,310 --> 00:16:10,800

and

344

00:16:17,670 --> 00:16:14,320

now uh nikolai supporting which is the

345

00:16:21,509 --> 00:16:19,110

from the

346

00:16:22,629 --> 00:16:21,519

cosmetics federation of russia

347

00:16:27,189 --> 00:16:22,639

first of all i would like to

348

00:16:32,949 --> 00:16:29,749

on behalf of the president of the

349

00:16:34,389 --> 00:16:32,959

federation of cosmonautics and

350

00:16:35,590 --> 00:16:34,399

on behalf of the

351  
00:16:37,509 --> 00:16:35,600  
federation

352  
00:16:41,030 --> 00:16:37,519  
i'd like to congratulate you on

353  
00:16:43,110 --> 00:16:41,040  
completing uh your training

354  
00:16:45,030 --> 00:16:43,120  
and

355  
00:16:46,790 --> 00:16:45,040  
according to the current procedures of

356  
00:16:50,069 --> 00:16:46,800  
our federation

357  
00:16:50,949 --> 00:16:50,079  
the first time cosmonauts

358  
00:16:52,870 --> 00:16:50,959  
are

359  
00:16:55,990 --> 00:16:52,880  
given

360  
00:16:57,350 --> 00:16:56,000  
an international cosmonaut

361  
00:17:01,030 --> 00:16:57,360  
id

362  
00:17:06,710 --> 00:17:01,040  
and according to the current tradition

363  
00:17:09,110 --> 00:17:06,720

this document has number 145

364

00:17:12,549 --> 00:17:09,120

and it was prepared for

365

00:17:15,429 --> 00:17:12,559

reject sergey kolevich

366

00:17:17,189 --> 00:17:15,439

this document this

367

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

identification document

368

00:17:24,309 --> 00:17:19,120

was developed according to all the

369

00:17:27,590 --> 00:17:25,590

there is

370

00:17:28,470 --> 00:17:27,600

a request

371

00:17:30,310 --> 00:17:28,480

to

372

00:17:33,350 --> 00:17:30,320

provide assistance

373

00:17:35,430 --> 00:17:33,360

if an emergency occurs in various

374

00:17:36,390 --> 00:17:35,440

languages in five languages it is

375

00:17:38,789 --> 00:17:36,400

written

376

00:17:42,230 --> 00:17:38,799

he will take this id with him

377

00:17:45,669 --> 00:17:43,990

also cosmonauts put

378

00:17:50,390 --> 00:17:45,679

stamps

379

00:17:53,830 --> 00:17:50,400

on board the station and so i'd like to

380

00:18:10,870 --> 00:17:53,840

present sergey with this

381

00:18:10,880 --> 00:18:27,110

thank you

382

00:18:31,430 --> 00:18:28,950

the altitude of your flight

383

00:18:33,029 --> 00:18:31,440

thank you very much

384

00:18:35,029 --> 00:18:33,039

we shall continue with the press

385

00:18:36,789 --> 00:18:35,039

conference

386

00:18:38,230 --> 00:18:36,799

in both the russian segment and in the

387

00:18:39,990 --> 00:18:38,240

soyuz vehicle

388

00:18:42,470 --> 00:18:40,000

for any member of the prime crew can you

389

00:18:53,270 --> 00:18:42,480

describe the scenarios you faced during

390

00:18:57,590 --> 00:18:54,470

so we had our

391

00:18:59,830 --> 00:18:57,600

space stations uh exam first

392

00:19:02,390 --> 00:18:59,840

and so it's like a they try to simulate

393

00:19:04,070 --> 00:19:02,400

like a day in the life uh on board the

394

00:19:05,909 --> 00:19:04,080

space station so they give us numerous

395

00:19:07,830 --> 00:19:05,919

tasks to do

396

00:19:10,070 --> 00:19:07,840

my russian crewmates were there all day

397

00:19:11,590 --> 00:19:10,080

i only had to attend half a day so i had

398

00:19:13,430 --> 00:19:11,600

a little break there

399

00:19:15,990 --> 00:19:13,440

but it culminates in an emergency

400

00:19:18,789 --> 00:19:16,000

situation on the space station and for

401  
00:19:21,750 --> 00:19:18,799  
us with the ticket that we chose

402  
00:19:24,549 --> 00:19:21,760  
it was a fire um so we had the the

403  
00:19:27,029 --> 00:19:24,559  
opportunity to work in in gas masks for

404  
00:19:28,870 --> 00:19:27,039  
quite a long time and solve the problem

405  
00:19:30,470 --> 00:19:28,880  
that we had in front of us

406  
00:19:32,630 --> 00:19:30,480  
by following the procedures that we've

407  
00:19:51,750 --> 00:19:32,640  
been working on for a few years now

408  
00:19:58,950 --> 00:19:55,029  
now it is my responsibility this time

409  
00:20:00,070 --> 00:19:58,960  
and uh of course it was a fire situation

410  
00:20:02,549 --> 00:20:00,080  
and uh

411  
00:20:03,350 --> 00:20:02,559  
in my view it was a very intensive and

412  
00:20:05,430 --> 00:20:03,360  
very

413  
00:20:07,750 --> 00:20:05,440

exciting interest in simulation and we

414

00:20:09,350 --> 00:20:07,760

were successful thank god and i would

415

00:20:12,070 --> 00:20:09,360

like to add

416

00:20:16,870 --> 00:20:14,470

that despite all the all the training

417

00:20:20,630 --> 00:20:16,880

that we receive here on earth everything

418

00:20:26,630 --> 00:20:20,640

will be different on board this is what

419

00:20:32,310 --> 00:20:30,630

and i have a question for backup crew

420

00:20:35,190 --> 00:20:32,320

first of all i would like to

421

00:20:36,230 --> 00:20:35,200

congratulate alexander miss misurkin

422

00:20:37,990 --> 00:20:36,240

with

423

00:20:38,789 --> 00:20:38,000

receiving

424

00:20:41,110 --> 00:20:38,799

with

425

00:20:43,990 --> 00:20:41,120

his award

426

00:20:47,590 --> 00:20:44,000

thank you very much

427

00:20:48,789 --> 00:20:47,600

and i have a question for you and

428

00:20:51,830 --> 00:20:48,799

in fact for

429

00:20:54,870 --> 00:20:51,840

all the crew members we know that

430

00:20:57,270 --> 00:20:54,880

it is your birthday on september 23rd

431

00:20:59,990 --> 00:20:57,280

which is the launch date so will you

432

00:21:01,190 --> 00:21:00,000

have time to celebrate your birthday

433

00:21:02,630 --> 00:21:01,200

well don't think that you're going to

434

00:21:04,630 --> 00:21:02,640

celebrate it

435

00:21:06,870 --> 00:21:04,640

in advance but

436

00:21:09,029 --> 00:21:06,880

are going to do something for a birthday

437

00:21:09,830 --> 00:21:09,039

well thank you thank you very much for

438

00:21:11,510 --> 00:21:09,840

uh

439

00:21:19,830 --> 00:21:11,520

congratulating me

440

00:21:24,230 --> 00:21:22,149

well of course we're not going to

441

00:21:26,390 --> 00:21:24,240

celebrate my birthday

442

00:21:29,350 --> 00:21:26,400

prior to my birthday we're not

443

00:21:30,549 --> 00:21:29,360

superstitious but still

444

00:21:32,710 --> 00:21:30,559

and

445

00:21:34,870 --> 00:21:32,720

uh i think that

446

00:21:38,549 --> 00:21:34,880

the best

447

00:21:41,909 --> 00:21:39,510

would be

448

00:21:47,110 --> 00:21:45,909

permission to fly

449

00:21:49,909 --> 00:21:47,120

i remember

450

00:21:52,870 --> 00:21:49,919

a few years ago we were in kuban

451  
00:21:59,029 --> 00:21:56,470  
all of a sudden in september despite

452  
00:22:01,190 --> 00:21:59,039  
cloudy weather we were allowed to fly it

453  
00:22:02,070 --> 00:22:01,200  
was i was really happy it was the main

454  
00:22:04,470 --> 00:22:02,080  
gift

455  
00:22:06,310 --> 00:22:04,480  
for me back then

456  
00:22:08,870 --> 00:22:06,320  
and then

457  
00:22:12,630 --> 00:22:08,880  
right now it is honor for me to be back

458  
00:22:14,310 --> 00:22:12,640  
up crew for um the prime crew and on my

459  
00:22:15,350 --> 00:22:14,320  
birthday of course

460  
00:22:17,510 --> 00:22:15,360  
it will be

461  
00:22:18,230 --> 00:22:17,520  
another reason to celebrate

462  
00:22:20,070 --> 00:22:18,240  
and

463  
00:22:22,149 --> 00:22:20,080

i have another

464

00:22:26,070 --> 00:22:22,159

one more question for all the crew

465

00:22:32,310 --> 00:22:29,190

sergey and nikolai

466

00:22:34,310 --> 00:22:32,320

do not have experience in space flights

467

00:22:36,310 --> 00:22:34,320

so

468

00:22:38,870 --> 00:22:36,320

what was it like for you to work

469

00:22:40,710 --> 00:22:38,880

together with more experienced crew

470

00:22:42,549 --> 00:22:40,720

members

471

00:22:43,590 --> 00:22:42,559

and

472

00:22:45,909 --> 00:22:43,600

to learn

473

00:22:48,950 --> 00:22:45,919

new technologies etc

474

00:22:50,789 --> 00:22:48,960

and shane you do have

475

00:22:52,950 --> 00:22:50,799

shuttle flight experience and it will be

476

00:22:55,750 --> 00:22:52,960

your first soyuz flight

477

00:22:58,230 --> 00:22:55,760

so

478

00:22:59,830 --> 00:22:58,240

do you have any comments or did you

479

00:23:01,990 --> 00:22:59,840

see

480

00:23:04,149 --> 00:23:02,000

significant differences of course it is

481

00:23:07,270 --> 00:23:04,159

clear that these vehicles are completely

482

00:23:08,549 --> 00:23:07,280

different so that's uh

483

00:23:09,590 --> 00:23:08,559

my questions

484

00:23:11,669 --> 00:23:09,600

thank you

485

00:23:13,830 --> 00:23:11,679

shuttle and soyuz and i look forward to

486

00:23:15,190 --> 00:23:13,840

this new opportunity um the vehicle

487

00:23:16,390 --> 00:23:15,200

obviously is much smaller than the

488

00:23:18,230 --> 00:23:16,400

shuttle was

489

00:23:20,230 --> 00:23:18,240

that's a major difference

490

00:23:22,149 --> 00:23:20,240

the rocket itself in general is much

491

00:23:23,270 --> 00:23:22,159

smaller but it's going to be a great

492

00:23:25,510 --> 00:23:23,280

ride from

493

00:23:27,350 --> 00:23:25,520

what all my colleagues have told me

494

00:23:29,510 --> 00:23:27,360

it's going to be just amazing again to

495

00:23:32,070 --> 00:23:29,520

feel that experience of weightlessness

496

00:23:34,390 --> 00:23:32,080

for a long time much longer than my last

497

00:23:36,230 --> 00:23:34,400

flight i just look forward to working

498

00:23:38,310 --> 00:23:36,240

with my crewmates and joining the

499

00:23:41,510 --> 00:23:38,320

expedition 49 crew that's already on

500

00:23:45,510 --> 00:23:43,029

and regarding

501  
00:23:48,310 --> 00:23:45,520  
training with experienced crew members

502  
00:23:49,990 --> 00:23:48,320  
well i'd like to note that

503  
00:23:58,470 --> 00:23:50,000  
it was

504  
00:24:00,950 --> 00:23:59,269  
with

505  
00:24:02,789 --> 00:24:00,960  
my crew members

506  
00:24:05,350 --> 00:24:02,799  
because

507  
00:24:08,630 --> 00:24:05,360  
i have an opportunity to to ask what it

508  
00:24:09,669 --> 00:24:08,640  
was like uh in real space flight

509  
00:24:11,110 --> 00:24:09,679  
and

510  
00:24:13,350 --> 00:24:11,120  
how it will be

511  
00:24:15,510 --> 00:24:13,360  
also i'd like to say that during our

512  
00:24:17,430 --> 00:24:15,520  
training

513  
00:24:20,470 --> 00:24:17,440

not only did we train to fulfill our

514

00:24:23,590 --> 00:24:20,480

professional responsibilities but we

515

00:24:24,470 --> 00:24:23,600

were trained in life so to speak

516

00:24:25,350 --> 00:24:24,480

and

517

00:24:28,549 --> 00:24:25,360

my

518

00:24:31,909 --> 00:24:28,559

more experienced crew members

519

00:24:35,350 --> 00:24:31,919

were my mentors they taught me patience

520

00:24:36,310 --> 00:24:35,360

humility etc

521

00:24:38,310 --> 00:24:36,320

just

522

00:24:40,870 --> 00:24:38,320

like in a famous russian song you have

523

00:24:41,750 --> 00:24:40,880

to be calm in order to

524

00:24:43,350 --> 00:24:41,760

feel

525

00:24:44,070 --> 00:24:43,360

joy

526  
00:24:46,870 --> 00:24:44,080  
and

527  
00:24:50,070 --> 00:24:46,880  
my comment regarding training with

528  
00:24:51,669 --> 00:24:50,080  
experienced crew members sasha sergey

529  
00:24:53,269 --> 00:24:51,679  
and myself

530  
00:24:55,350 --> 00:24:53,279  
uh we

531  
00:24:57,990 --> 00:24:55,360  
started training for space flight back

532  
00:24:58,789 --> 00:24:58,000  
in 2007 together

533  
00:25:01,269 --> 00:24:58,799  
and

534  
00:25:03,350 --> 00:25:01,279  
it's not our first time training with

535  
00:25:06,549 --> 00:25:03,360  
experienced crew members well currently

536  
00:25:09,669 --> 00:25:06,559  
sasha is experienced and back then

537  
00:25:13,830 --> 00:25:09,679  
we were inexperienced andre ivanovic of

538  
00:25:15,110 --> 00:25:13,840

course already had his cosmonaut id

539

00:25:15,909 --> 00:25:15,120

uh

540

00:25:17,110 --> 00:25:15,919

he

541

00:25:19,590 --> 00:25:17,120

actually

542

00:25:23,110 --> 00:25:19,600

gave us tips on how to pass exams how to

543

00:25:25,990 --> 00:25:23,120

pass medical tests etc we were studying

544

00:25:29,990 --> 00:25:27,350

we were friends we were studying

545

00:25:31,590 --> 00:25:30,000

together and i remember when sasha

546

00:25:32,789 --> 00:25:31,600

um was

547

00:25:36,630 --> 00:25:32,799

aboard this

548

00:25:39,110 --> 00:25:36,640

the station i was uh glovney

549

00:25:40,789 --> 00:25:39,120

at mcc and i was

550

00:25:44,310 --> 00:25:40,799

able to receive a lot of knowledge back

551  
00:25:46,630 --> 00:25:44,320  
then so i'm happy to be a backup crew

552  
00:25:50,470 --> 00:25:46,640  
for my friends and be part of the same

553  
00:25:51,669 --> 00:25:50,480  
crew we are one big friendly family

554  
00:25:58,070 --> 00:25:51,679  
we are very

555  
00:26:06,149 --> 00:26:01,110  
i have a question for prime crew

556  
00:26:10,710 --> 00:26:07,830  
aboard the iss

557  
00:26:14,549 --> 00:26:10,720  
well first of all i think that once we

558  
00:26:17,990 --> 00:26:16,230  
of course despite

559  
00:26:21,669 --> 00:26:18,000  
all the activities that need to be

560  
00:26:26,230 --> 00:26:23,269  
once we join

561  
00:26:28,070 --> 00:26:26,240  
the crew we are going to uh just go to

562  
00:26:30,470 --> 00:26:28,080  
our creek waters

563  
00:26:32,470 --> 00:26:30,480

to sleep after

564

00:26:34,789 --> 00:26:32,480

docking of course and after vehicle

565

00:26:36,390 --> 00:26:34,799

activation get to talk to

566

00:26:38,710 --> 00:26:36,400

our family and friends at soups that'll

567

00:26:39,990 --> 00:26:38,720

be a nice opportunity for us

568

00:26:46,390 --> 00:26:40,000

and i'm looking forward to getting on

569

00:26:51,430 --> 00:26:49,110

well i'd like to ask you about your free

570

00:26:54,070 --> 00:26:51,440

time what will you be doing during your

571

00:26:56,230 --> 00:26:54,080

free time usually uh crew members take

572

00:26:57,909 --> 00:26:56,240

photographs of the earth but do you have

573

00:26:59,750 --> 00:26:57,919

any other plans photographing the earth

574

00:27:01,029 --> 00:26:59,760

is a hobby of everybody up there and

575

00:27:03,510 --> 00:27:01,039

it's i'm looking forward to that

576  
00:27:05,750 --> 00:27:03,520  
becoming one of my favorite hobbies it's

577  
00:27:07,830 --> 00:27:05,760  
just amazing to capture the view and

578  
00:27:10,230 --> 00:27:07,840  
perspective that we have up there that

579  
00:27:12,149 --> 00:27:10,240  
you know most people do not have

580  
00:27:15,190 --> 00:27:12,159  
so i've seen some great pictures from my

581  
00:27:17,110 --> 00:27:15,200  
colleagues like doug wheelock who's here

582  
00:27:19,190 --> 00:27:17,120  
and i just hope i can get them somewhat

583  
00:27:21,190 --> 00:27:19,200  
as good as doug's pictures so

584  
00:27:23,430 --> 00:27:21,200  
because it is another opportunity for us

585  
00:27:25,830 --> 00:27:23,440  
to share this experience with our family

586  
00:27:27,750 --> 00:27:25,840  
and friends here on earth by taking

587  
00:27:39,110 --> 00:27:27,760  
pictures of things that people recognize

588  
00:27:43,190 --> 00:27:41,350

and taking photographs uh i have a few

589

00:27:47,590 --> 00:27:43,200

thoughts about the

590

00:27:51,590 --> 00:27:49,269

and i have some personal plans but

591

00:27:53,750 --> 00:27:51,600

currently i'm not sure how i'm going to

592

00:27:57,269 --> 00:27:53,760

implement my plans i think i will decide

593

00:28:09,190 --> 00:27:57,279

on board the station so i uh will

594

00:28:14,710 --> 00:28:11,669

i'm planning to take photographs of the

595

00:28:17,350 --> 00:28:14,720

earth and i would like to

596

00:28:19,669 --> 00:28:17,360

take pictures of all the countries

597

00:28:21,430 --> 00:28:19,679

the country that i visited

598

00:28:23,430 --> 00:28:21,440

on the earth so it would be a great

599

00:28:25,510 --> 00:28:23,440

opportunity to

600

00:28:29,269 --> 00:28:25,520

take photographs of those places from

601  
00:28:30,950 --> 00:28:29,279  
above from space and if i uh have

602  
00:28:33,110 --> 00:28:30,960  
any free time left

603  
00:28:35,190 --> 00:28:33,120  
then i think that i will be talking to

604  
00:28:36,470 --> 00:28:35,200  
the earth

605  
00:28:38,630 --> 00:28:36,480  
we are lucky

606  
00:28:41,029 --> 00:28:38,640  
to have a telephone

607  
00:28:43,350 --> 00:28:41,039  
we can call we can write letters and

608  
00:28:47,269 --> 00:28:43,360  
respond to letters so i think that the

609  
00:28:54,630 --> 00:28:49,110  
actually

610  
00:28:54,640 --> 00:29:01,669  
and thank you a question for shane

611  
00:29:06,789 --> 00:29:04,149  
there will be presidential elections in

612  
00:29:09,750 --> 00:29:06,799  
the united states you will be

613  
00:29:13,590 --> 00:29:09,760

in space are you going to vote if so

614

00:29:37,029 --> 00:29:13,600

then uh how the how will it be done yes

615

00:29:37,039 --> 00:29:42,310

thank you

616

00:29:47,510 --> 00:29:43,830

i know why

617

00:29:49,750 --> 00:29:47,520

nikolai chose to be cosmonauts

618

00:29:50,870 --> 00:29:49,760

as well as andre and mark

619

00:29:54,149 --> 00:29:50,880

sergey

620

00:29:56,230 --> 00:29:54,159

uh you were a professional pilot why did

621

00:30:00,230 --> 00:29:56,240

you decide to become a cosmonaut and my

622

00:30:07,590 --> 00:30:01,029

you

623

00:30:08,950 --> 00:30:07,600

trying to work with hardware with

624

00:30:10,230 --> 00:30:08,960

technology

625

00:30:14,230 --> 00:30:10,240

and you don't have

626  
00:30:16,070 --> 00:30:14,240  
much time left to devote to your family

627  
00:30:17,590 --> 00:30:16,080  
you're always in training

628  
00:30:19,430 --> 00:30:17,600  
and

629  
00:30:22,470 --> 00:30:19,440  
don't you think that

630  
00:30:26,549 --> 00:30:22,480  
your life is just

631  
00:30:30,950 --> 00:30:28,870  
because you're always in training and

632  
00:30:35,029 --> 00:30:30,960  
you are missing out on certain things in

633  
00:30:36,870 --> 00:30:35,039  
life can you try to answer this question

634  
00:30:38,630 --> 00:30:36,880  
so regarding the first part of your

635  
00:30:40,789 --> 00:30:38,640  
question

636  
00:30:43,350 --> 00:30:40,799  
well just like

637  
00:30:46,630 --> 00:30:43,360  
many other boys during the soviet times

638  
00:30:47,590 --> 00:30:46,640

we were dreaming about the sky about

639

00:30:51,029 --> 00:30:47,600

flying

640

00:30:53,590 --> 00:30:51,039

and then being a cosmonaut was something

641

00:30:56,870 --> 00:30:53,600

unachievable of course we were reading

642

00:31:00,070 --> 00:30:56,880

about it we were curious about it

643

00:31:02,549 --> 00:31:00,870

then

644

00:31:04,950 --> 00:31:02,559

when i was

645

00:31:11,669 --> 00:31:04,960

training to become pilot i began

646

00:31:15,669 --> 00:31:13,990

at the time i thought that it

647

00:31:17,350 --> 00:31:15,679

was not possible to

648

00:31:19,110 --> 00:31:17,360

achieve

649

00:31:21,110 --> 00:31:19,120

and it was

650

00:31:23,430 --> 00:31:21,120

a big dream that i

651  
00:31:24,710 --> 00:31:23,440  
didn't think would be possible to

652  
00:31:27,750 --> 00:31:24,720  
realize

653  
00:31:29,269 --> 00:31:27,760  
and then when i passed my medical test i

654  
00:31:32,789 --> 00:31:29,279  
found out that i was

655  
00:31:34,870 --> 00:31:32,799  
quite healthy and i found out about

656  
00:31:37,590 --> 00:31:34,880  
another round of selections for our

657  
00:31:44,470 --> 00:31:37,600  
cosmonauts and i decided to take a risk

658  
00:31:47,509 --> 00:31:45,909  
regarding the second part of your

659  
00:31:48,950 --> 00:31:47,519  
question

660  
00:31:50,870 --> 00:31:48,960  
about family

661  
00:31:54,389 --> 00:31:50,880  
do you remember this famous russian

662  
00:31:59,350 --> 00:31:55,909  
so

663  
00:32:03,509 --> 00:31:59,360

it was mentioned in the movie that

664

00:32:06,149 --> 00:32:03,519

a mechanic many clinics jobs is to wait

665

00:32:08,789 --> 00:32:06,159

and i think the same goes for us

666

00:32:10,630 --> 00:32:08,799

our families are waiting for us

667

00:32:13,830 --> 00:32:10,640

they support us

668

00:32:15,750 --> 00:32:13,840

in so many ways i'm so grateful to to my

669

00:32:16,789 --> 00:32:15,760

family for all the support and all the

670

00:32:18,630 --> 00:32:16,799

help

671

00:32:21,110 --> 00:32:18,640

that

672

00:32:23,110 --> 00:32:21,120

they give me they in uh

673

00:32:24,470 --> 00:32:23,120

realized my dreams

674

00:32:27,990 --> 00:32:24,480

well

675

00:32:30,710 --> 00:32:28,000

thank you very much and of course

676

00:32:31,830 --> 00:32:30,720

this field is worth it of course it is

677

00:32:44,549 --> 00:32:31,840

and

678

00:32:48,230 --> 00:32:44,559

have to make certain sacrifices for it

679

00:32:49,029 --> 00:32:48,240

which includes time with family

680

00:32:52,630 --> 00:32:49,039

but

681

00:32:56,389 --> 00:32:54,710

keeps us

682

00:32:58,870 --> 00:32:56,399

at it and

683

00:33:03,830 --> 00:32:58,880

gives us the necessary mindset

684

00:33:06,950 --> 00:33:05,430

that

685

00:33:09,509 --> 00:33:06,960

during our press conference we're

686

00:33:11,029 --> 00:33:09,519

focused on crew members mostly but in

687

00:33:15,190 --> 00:33:11,039

fact

688

00:33:19,430 --> 00:33:17,029

through throughout the whole world

689

00:33:21,430 --> 00:33:19,440

instructors and other people who

690

00:33:22,710 --> 00:33:21,440

participate in one way or another people

691

00:33:25,909 --> 00:33:22,720

who

692

00:33:29,430 --> 00:33:25,919

make videos photographs of us and a lot

693

00:33:31,590 --> 00:33:29,440

of different specialists

694

00:33:33,269 --> 00:33:31,600

people who prepare hardware

695

00:33:34,070 --> 00:33:33,279

for example

696

00:33:35,990 --> 00:33:34,080

then

697

00:33:39,110 --> 00:33:36,000

there is

698

00:33:41,909 --> 00:33:39,120

a department at energy

699

00:33:46,950 --> 00:33:44,549

specialists work on documents they work

700

00:33:50,549 --> 00:33:49,830

a large amount of work which needs to be

701  
00:34:02,950 --> 00:33:50,559  
done

702  
00:34:06,789 --> 00:34:05,269  
your whole life at the center you

703  
00:34:08,950 --> 00:34:06,799  
sacrifice

704  
00:34:09,990 --> 00:34:08,960  
a lot and at the same time you don't get

705  
00:34:16,869 --> 00:34:10,000  
to

706  
00:34:18,950 --> 00:34:16,879  
their soul is with us with the people

707  
00:34:20,149 --> 00:34:18,960  
who get to travel to space

708  
00:34:21,589 --> 00:34:20,159  
and

709  
00:34:22,790 --> 00:34:21,599  
thus

710  
00:34:25,349 --> 00:34:22,800  
of course

711  
00:34:27,510 --> 00:34:25,359  
we make their dreams happen as well and

712  
00:34:29,750 --> 00:34:27,520  
of course we are happy

713  
00:34:31,750 --> 00:34:29,760

it cannot be otherwise and i would like

714

00:34:32,470 --> 00:34:31,760

to note that

715

00:34:37,669 --> 00:34:32,480

the

716

00:34:41,510 --> 00:34:39,349

not really

717

00:34:43,990 --> 00:34:41,520

a professional occupation for us this is

718

00:34:46,149 --> 00:34:44,000

our lifestyle so we cannot really say

719

00:34:49,750 --> 00:34:46,159

that we're missing out on life

720

00:34:53,510 --> 00:34:49,760

we're just living our life which is

721

00:34:58,470 --> 00:34:55,990

thank you very much

722

00:34:59,430 --> 00:34:58,480

and your colleagues

723

00:35:01,990 --> 00:34:59,440

on

724

00:35:03,910 --> 00:35:02,000

this note we would like to end our

725

00:35:05,510 --> 00:35:03,920

conference thank you very much for your

726

00:35:11,910 --> 00:35:05,520

questions for the crew thank you very

727

00:35:15,190 --> 00:35:14,390

could you please hold hands

728

00:35:17,510 --> 00:35:15,200

with