

A man in a dark suit and striped tie is seated at a table, looking towards a woman on his left. The woman has long brown hair and is wearing a dark top. In the foreground, a white nameplate is visible. To the right of the nameplate, there are two water bottles on the table. The background consists of a wood-paneled wall and a dark board.

Челл ЛИНДГРЕН
Kjell LINDGREN

1
00:00:12,230 --> 00:00:10,549
dear colleagues

2
00:00:14,709 --> 00:00:12,240
today

3
00:00:20,470 --> 00:00:14,719
we are meeting here

4
00:00:25,670 --> 00:00:23,029
and we need to state that the training

5
00:00:45,190 --> 00:00:25,680
has been accomplished fully

6
00:00:52,709 --> 00:00:49,270
vehicle and fe of the station

7
00:00:55,750 --> 00:00:52,719
mr kimiya yui representing japanese

8
00:00:59,750 --> 00:00:57,670
another

9
00:01:02,709 --> 00:00:59,760
board engineer

10
00:01:04,149 --> 00:01:02,719
is chad lindgren the united states of

11
00:01:06,230 --> 00:01:04,159
america

12
00:01:10,630 --> 00:01:06,240
the backup crew consists of the

13
00:01:10,640 --> 00:01:15,190

as well as timothy cobra

14

00:01:22,550 --> 00:01:19,510

and representing the uh nasa and timothy

15

00:01:28,710 --> 00:01:22,560

peake representing european space agency

16

00:01:33,830 --> 00:01:31,030

congratulations to you for completing

17

00:01:37,429 --> 00:01:35,590

uh we wanted to ask mr

18

00:01:41,190 --> 00:01:37,439

kononenko

19

00:01:43,030 --> 00:01:41,200

it's going to be your third expedition

20

00:01:43,749 --> 00:01:43,040

what are

21

00:01:45,190 --> 00:01:43,759

the

22

00:01:47,749 --> 00:01:45,200

plans

23

00:01:50,389 --> 00:01:47,759

for the third mission maybe you will

24

00:01:53,510 --> 00:01:50,399

pursue some tasks that you set for

25

00:01:55,030 --> 00:01:53,520

yourself during the second expedition

26

00:01:57,350 --> 00:01:55,040

and what

27

00:02:02,950 --> 00:01:57,360

would you use as the

28

00:02:15,670 --> 00:02:04,469

you're quite right this is going to be

29

00:02:23,589 --> 00:02:17,910

but for the third time i flying for the

30

00:02:28,150 --> 00:02:24,869

although

31

00:02:32,630 --> 00:02:28,160

twice for instance i have gotten on the

32

00:02:34,229 --> 00:02:32,640

station using the uh expedited for orbit

33

00:02:36,790 --> 00:02:34,239

rendezvous and docking now it's going to

34

00:02:39,110 --> 00:02:36,800

be different so which is to say that

35

00:02:41,589 --> 00:02:39,120

every every time you fly something is

36

00:02:43,990 --> 00:02:41,599

different so i have put together a

37

00:02:45,670 --> 00:02:44,000

certain plan for myself we have a very

38

00:02:48,150 --> 00:02:45,680

sophisticated

39

00:02:52,390 --> 00:02:48,160

very well designed program

40

00:02:56,869 --> 00:02:54,470

and then to some extent it's going to be

41

00:03:02,470 --> 00:02:56,879

the continuation of what we have started

42

00:03:06,309 --> 00:03:04,949

this whole situation is developing in

43

00:03:08,550 --> 00:03:06,319

light of the

44

00:03:10,949 --> 00:03:08,560

mishap that we have experienced

45

00:03:13,030 --> 00:03:10,959

previously with the progress vehicle and

46

00:03:16,550 --> 00:03:13,040

we do have some obstacles and

47

00:03:19,190 --> 00:03:16,560

shortcomings associated with this mishap

48

00:03:21,350 --> 00:03:19,200

relative to our ability to continue the

49

00:03:24,869 --> 00:03:21,360

implementation of the space programs

50

00:03:25,670 --> 00:03:24,879

particularly russian space program

51

00:03:27,670 --> 00:03:25,680

but

52

00:03:28,550 --> 00:03:27,680

in any event

53

00:03:30,869 --> 00:03:28,560

i'm

54

00:03:33,750 --> 00:03:30,879

very much interested i'd like to refer

55

00:03:36,470 --> 00:03:33,760

your attention to the booklet that

56

00:03:41,509 --> 00:03:36,480

outlines the set of experiments that i

57

00:03:45,190 --> 00:03:43,990

so we i'd like to draw your attention to

58

00:03:49,830 --> 00:03:45,200

the joint

59

00:03:49,840 --> 00:03:53,990

which would allow us

60

00:03:57,270 --> 00:03:54,949

to

61

00:04:01,750 --> 00:03:57,280

further develop the internet

62

00:04:03,830 --> 00:04:01,760

capabilities so i would like to

63

00:04:06,390 --> 00:04:03,840

be involved in this experiment and i

64

00:04:08,789 --> 00:04:06,400

will have a chance to go and test

65

00:04:11,670 --> 00:04:08,799

the efficiency of the resources that we

66

00:04:15,670 --> 00:04:11,680

will have on the station as far as our

67

00:04:16,949 --> 00:04:15,680

ability to uh use the resources of

68

00:04:18,710 --> 00:04:16,959

internet

69

00:04:21,349 --> 00:04:18,720

another experiment has to do with the

70

00:04:24,310 --> 00:04:21,359

capabilities of the manipulator of the

71

00:04:25,430 --> 00:04:24,320

robotics arm which is also very

72

00:04:27,270 --> 00:04:25,440

important

73

00:04:29,670 --> 00:04:27,280

some other experiments

74

00:04:31,909 --> 00:04:29,680

will be dedicated to

75

00:04:34,230 --> 00:04:31,919

work out the ability to

76

00:04:36,469 --> 00:04:34,240

remotely control

77

00:04:39,749 --> 00:04:36,479

the functionality of the international

78

00:04:42,070 --> 00:04:39,759

station or a station or any other

79

00:04:45,110 --> 00:04:42,080

spacecraft for that matter plasma

80

00:04:50,070 --> 00:04:45,120

crystal will be continued on orbit which

81

00:04:55,590 --> 00:04:53,189

which is basically a investigation of

82

00:04:57,830 --> 00:04:55,600

the behavior crystals

83

00:04:59,430 --> 00:04:57,840

under different circumstances and

84

00:05:01,590 --> 00:04:59,440

different conditions

85

00:05:03,590 --> 00:05:01,600

this is interesting for me personally

86

00:05:06,629 --> 00:05:03,600

also uragan

87

00:05:08,710 --> 00:05:06,639

which is something that i'm a very big

88

00:05:12,310 --> 00:05:08,720

fan of

89

00:05:14,230 --> 00:05:12,320

this experiment allows us to further

90

00:05:16,390 --> 00:05:14,240

improve our understanding of the

91

00:05:19,189 --> 00:05:16,400

mechanisms of

92

00:05:22,830 --> 00:05:19,199

all kinds of catastrophes that happen

93

00:05:28,710 --> 00:05:22,840

on the ground the earthquakes

94

00:05:33,350 --> 00:05:31,350

so there will be a number of new

95

00:05:34,469 --> 00:05:33,360

experiments

96

00:05:38,629 --> 00:05:34,479

and

97

00:05:42,070 --> 00:05:38,639

we all know that in the zero g

98

00:05:43,830 --> 00:05:42,080

the way the blood is distributed inside

99

00:05:45,270 --> 00:05:43,840

of a human

100

00:05:46,790 --> 00:05:45,280

body

101
00:05:49,350 --> 00:05:46,800
becomes different

102
00:05:50,070 --> 00:05:49,360
it becomes a little more chaotic

103
00:05:55,110 --> 00:05:50,080
and

104
00:05:57,990 --> 00:05:55,120
we are in a position here to further

105
00:06:00,309 --> 00:05:58,000
improve our understanding of how to

106
00:06:03,909 --> 00:06:00,319
control this development

107
00:06:07,110 --> 00:06:03,919
and how to for instance

108
00:06:09,189 --> 00:06:07,120
help crew members with

109
00:06:15,749 --> 00:06:09,199
any kind of medicine that a crew member

110
00:06:22,550 --> 00:06:18,870
also experiment bar i would like to

111
00:06:26,710 --> 00:06:25,029
we this experiment is going to allow us

112
00:06:29,670 --> 00:06:26,720
to actually find

113
00:06:31,990 --> 00:06:29,680

all kinds of minimal leakages that may

114

00:06:35,590 --> 00:06:32,000

occur on this station

115

00:06:37,110 --> 00:06:35,600

and i'm planning to use my spare time

116

00:06:38,790 --> 00:06:37,120

in order to

117

00:06:40,390 --> 00:06:38,800

conduct uh

118

00:06:42,469 --> 00:06:40,400

several experiments that have been

119

00:06:44,790 --> 00:06:42,479

suggested by the youth

120

00:06:47,189 --> 00:06:44,800

of the russian federation students

121

00:06:49,189 --> 00:06:47,199

school boys and girls and also students

122

00:06:50,550 --> 00:06:49,199

of the universities of the russian

123

00:06:56,309 --> 00:06:50,560

federation

124

00:07:01,589 --> 00:06:58,870

and some of those are rather simplistic

125

00:07:02,390 --> 00:07:01,599

experiments but anyway i'd be more than

126
00:07:05,270 --> 00:07:02,400
happy

127
00:07:08,150 --> 00:07:05,280
to allocate some time to help

128
00:07:11,990 --> 00:07:08,160
the russian youth to get some results on

129
00:07:20,629 --> 00:07:13,510
thank you very much

130
00:07:25,189 --> 00:07:22,790
gave us a very interesting story on the

131
00:07:27,510 --> 00:07:25,199
experiments that will be implemented on

132
00:07:31,189 --> 00:07:28,390
but

133
00:07:33,270 --> 00:07:31,199
we would like to uh

134
00:07:35,830 --> 00:07:33,280
listen to what the

135
00:07:41,510 --> 00:07:35,840
rest of the crew

136
00:07:46,469 --> 00:07:44,150
what exactly do you have in mind when it

137
00:07:52,150 --> 00:07:46,479
comes to your participation in the

138
00:08:09,510 --> 00:07:54,390

i understand it's very interesting to to

139

00:08:14,550 --> 00:08:10,710

assist

140

00:08:18,390 --> 00:08:16,550

but i will

141

00:08:21,270 --> 00:08:18,400

attempt

142

00:08:23,029 --> 00:08:21,280

to actually conduct some research

143

00:08:24,710 --> 00:08:23,039

relative to

144

00:08:27,029 --> 00:08:24,720

improving and furthering the

145

00:08:29,510 --> 00:08:27,039

capabilities of the

146

00:08:32,630 --> 00:08:29,520

japanese

147

00:08:35,589 --> 00:08:32,640

spacecraft called htv

148

00:08:38,389 --> 00:08:35,599

and i'm hoping that we will

149

00:08:42,469 --> 00:08:38,399

use our common resources and conduct

150

00:08:48,150 --> 00:08:45,430

i'm very much looking forward to our

151
00:08:50,310 --> 00:08:48,160
future experimental activities on board

152
00:08:55,910 --> 00:08:50,320
i'm sure i will get as much help as i

153
00:09:00,710 --> 00:08:58,389
and i'm very glad that i'm having this

154
00:09:02,230 --> 00:09:00,720
opportunity

155
00:09:03,590 --> 00:09:02,240
and i uh

156
00:09:05,750 --> 00:09:03,600
i would

157
00:09:07,590 --> 00:09:05,760
pretty much echo the commander and say

158
00:09:10,470 --> 00:09:07,600
that we're very fond of what we are

159
00:09:14,070 --> 00:09:12,870
you may have seen

160
00:09:16,150 --> 00:09:14,080
in the

161
00:09:18,870 --> 00:09:16,160
internet the

162
00:09:21,750 --> 00:09:18,880
information

163
00:09:24,070 --> 00:09:21,760

which is dedicated to expedition 45 and

164

00:09:25,829 --> 00:09:24,080

what we're doing there we're just

165

00:09:28,310 --> 00:09:25,839

trying to uh

166

00:09:30,310 --> 00:09:28,320

impersonate the uh characters of star

167

00:09:34,230 --> 00:09:30,320

wars

168

00:09:39,350 --> 00:09:36,949

so what is it to be

169

00:09:41,030 --> 00:09:39,360

so so as always said uh we had we made

170

00:09:52,310 --> 00:09:41,040

the star wars pusher

171

00:09:57,269 --> 00:09:54,310

and many of the

172

00:10:08,230 --> 00:09:57,279

spaceships in the movie have an r2d2

173

00:10:12,710 --> 00:10:09,910

and so i was talking with my kids and we

174

00:10:36,389 --> 00:10:12,720

decided that we should have an r2d2 in

175

00:10:41,509 --> 00:10:38,389

you've been trying to get ready for this

176

00:10:51,509 --> 00:10:41,519

flight both at gctc in russia and at

177

00:10:55,990 --> 00:10:53,750

compare the level

178

00:10:58,710 --> 00:10:56,000

of readiness that you have acquired at

179

00:11:01,190 --> 00:10:58,720

both space centers

180

00:11:03,430 --> 00:11:01,200

and what was uh peculiar about the way

181

00:11:08,790 --> 00:11:03,440

you've been trained at both training

182

00:11:13,990 --> 00:11:10,710

if you want us

183

00:11:22,230 --> 00:11:17,190

it's equally difficult to get trained at

184

00:11:26,230 --> 00:11:23,350

but

185

00:11:29,030 --> 00:11:26,240

it's equally pleasant as well

186

00:11:33,590 --> 00:11:29,040

because we deal with very reliable

187

00:11:40,389 --> 00:11:36,470

and we get just a completely sufficient

188

00:11:45,750 --> 00:11:43,430

and it's a great honor actually to to

189

00:11:49,350 --> 00:11:45,760

have a chance to go and get trained at

190

00:11:52,069 --> 00:11:49,360

those two famous facilities

191

00:11:54,470 --> 00:11:52,079

and we'll do everything we can in order

192

00:11:56,790 --> 00:11:54,480

to produce

193

00:11:57,750 --> 00:11:56,800

reasonable meaningful results during the

194

00:11:59,590 --> 00:11:57,760

flight

195

00:12:02,150 --> 00:11:59,600

and

196

00:12:07,590 --> 00:12:02,160

get ready for our future endeavors in

197

00:12:14,710 --> 00:12:11,750

so we have done a lot of berlin work at

198

00:12:16,790 --> 00:12:14,720

jsc while trying to better understand

199

00:12:20,150 --> 00:12:16,800

the specifics of the

200

00:12:25,350 --> 00:12:22,870

and we were trying to get ready to go

201
00:12:28,230 --> 00:12:25,360
and perform eva tasks which is an

202
00:12:34,069 --> 00:12:28,240
essential part of our

203
00:12:37,350 --> 00:12:35,269
so it's

204
00:12:40,629 --> 00:12:37,360
as you know eva is always a very

205
00:12:43,590 --> 00:12:40,639
beautiful and very magnificent event and

206
00:12:45,269 --> 00:12:43,600
we have got to be prepared to actually

207
00:12:48,069 --> 00:12:45,279
perform those

208
00:12:56,470 --> 00:12:48,079
in the most appropriate way

209
00:13:00,629 --> 00:12:57,829
so of course the biggest difference

210
00:13:01,750 --> 00:13:00,639
between training here and in america and

211
00:13:03,670 --> 00:13:01,760
the other training sites is the

212
00:13:05,110 --> 00:13:03,680
equipment that we're training on

213
00:13:07,269 --> 00:13:05,120

in america of course we train on the

214

00:13:08,870 --> 00:13:07,279

american segment of the u.s segment of

215

00:13:10,949 --> 00:13:08,880

the space station and here we're

216

00:13:13,590 --> 00:13:10,959

training on the russian segment as well

217

00:13:15,910 --> 00:13:13,600

as in the soyuz uh in america also we

218

00:13:18,870 --> 00:13:15,920

train uh using the american system for

219

00:13:20,870 --> 00:13:18,880

spacewalks as well as using the robotic

220

00:13:23,110 --> 00:13:20,880

arm to

221

00:13:25,030 --> 00:13:23,120

accomplish tasks and capture the

222

00:13:26,550 --> 00:13:25,040

visiting vehicles

223

00:13:29,030 --> 00:13:26,560

and so while the training is different

224

00:13:31,670 --> 00:13:29,040

uh there are some similarities and of

225

00:13:33,509 --> 00:13:31,680

course at both sides and around the

226

00:13:34,870 --> 00:13:33,519

world of all of our training sites we

227

00:13:37,190 --> 00:13:34,880

get to work with

228

00:13:39,509 --> 00:13:37,200

some of the smartest and most dedicated

229

00:13:41,350 --> 00:13:39,519

professionals and trainers

230

00:13:42,310 --> 00:13:41,360

in the world and so we're very grateful

231

00:14:07,509 --> 00:13:42,320

to

232

00:14:12,389 --> 00:14:09,269

uh find out

233

00:14:14,230 --> 00:14:12,399

what is your take on the way on the gear

234

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

that you're going to be wearing during

235

00:14:22,069 --> 00:14:16,480

the actual flight compared to what the

236

00:14:25,829 --> 00:14:24,150

yeah i've seen some materials some

237

00:14:30,069 --> 00:14:25,839

footage relative to

238

00:14:32,629 --> 00:14:30,079

the upcoming star wars project

239

00:14:34,949 --> 00:14:32,639

and every time i see anything like that

240

00:14:37,030 --> 00:14:34,959

i get so much inspired i cannot even

241

00:14:40,230 --> 00:14:37,040

express it

242

00:14:41,670 --> 00:14:40,240

just a magnificent effort it's just so

243

00:14:42,629 --> 00:14:41,680

breathtaking

244

00:14:45,829 --> 00:14:42,639

uh

245

00:14:48,629 --> 00:14:45,839

activities and

246

00:14:50,150 --> 00:14:48,639

events that are going to be depicted

247

00:14:51,910 --> 00:14:50,160

during this

248

00:14:57,110 --> 00:14:51,920

movie just

249

00:15:00,949 --> 00:14:58,550

of course i am a big fan of the star

250

00:15:03,269 --> 00:15:00,959

wars movie and looking forward to seeing

251

00:15:05,030 --> 00:15:03,279

the the martian movie and what

252

00:15:18,230 --> 00:15:05,040

technology they are using uh in that

253

00:15:23,189 --> 00:15:20,550

but that is science fiction and while it

254

00:15:26,150 --> 00:15:23,199

helps us to dream of what is possible

255

00:15:27,910 --> 00:15:26,160

what is reality is that 40 years ago we

256

00:15:31,350 --> 00:15:27,920

had the partnership

257

00:15:33,189 --> 00:15:31,360

of apollo and soyuz and that docking

258

00:15:35,269 --> 00:15:33,199

which really opened the door to set the

259

00:15:36,710 --> 00:15:35,279

foundation for what we were doing today

260

00:15:49,430 --> 00:15:36,720

as an international partnership on the

261

00:15:49,440 --> 00:16:02,629

foreign

262

00:16:06,150 --> 00:16:04,629

i hope that 40 years from now we can

263

00:16:08,870 --> 00:16:06,160

look back at what we are doing on the

264

00:16:11,430 --> 00:16:08,880

international space station and see this

265

00:16:13,350 --> 00:16:11,440

as the foundation for an incredible

266

00:16:25,269 --> 00:16:13,360

future partnership that maybe actually

267

00:16:29,749 --> 00:16:27,910

you have the first experience to fly a

268

00:16:31,749 --> 00:16:29,759

trust opportunity to fly what do you

269

00:16:33,670 --> 00:16:31,759

expect from this flight well of course

270

00:16:35,829 --> 00:16:33,680

so we have been preparing for for many

271

00:16:37,990 --> 00:16:35,839

years for this flight together we've

272

00:16:39,590 --> 00:16:38,000

been preparing for two and a half years

273

00:16:40,710 --> 00:16:39,600

and i'm very excited for this

274

00:16:58,389 --> 00:16:40,720

opportunity

275

00:17:01,990 --> 00:16:59,269

there are two things that i'm

276

00:17:03,269 --> 00:17:02,000

particularly looking forward to one is

277

00:17:05,350 --> 00:17:03,279

looking through the window and looking

278

00:17:08,630 --> 00:17:05,360

back at our beautiful home planet

279

00:17:11,189 --> 00:17:08,640

looking at the earth and the second is

280

00:17:12,870 --> 00:17:11,199

just learning how to truly live and work

281

00:17:14,710 --> 00:17:12,880

in space

282

00:17:16,150 --> 00:17:14,720

it's wonderful to

283

00:17:17,510 --> 00:17:16,160

to get the opportunity to be up there

284

00:17:19,270 --> 00:17:17,520

for five months

285

00:17:48,230 --> 00:17:19,280

and to truly adapt to the weightless

286

00:17:53,110 --> 00:17:49,990

this is the third

287

00:17:56,390 --> 00:17:53,120

flight that you're going to be flying

288

00:17:57,190 --> 00:17:56,400

how difficult is it to part

289

00:17:58,870 --> 00:17:57,200

from

290

00:18:02,150 --> 00:17:58,880

the

291

00:18:06,950 --> 00:18:02,160

earth from your family from everything

292

00:18:11,990 --> 00:18:09,669

well we have a job to do and this is

293

00:18:15,990 --> 00:18:12,000

something that i concentrate on

294

00:18:18,470 --> 00:18:16,000

for my family it's also always difficult

295

00:18:20,950 --> 00:18:18,480

not to see me for such a long time i do

296

00:18:22,870 --> 00:18:20,960

have two kids small kids

297

00:18:25,590 --> 00:18:22,880

of mine and

298

00:18:28,950 --> 00:18:25,600

i mean nobody there's nobody who would

299

00:18:31,669 --> 00:18:28,960

go and play soccer with them nobody who

300

00:18:33,830 --> 00:18:31,679

would go and stay close to them and take

301
00:18:35,830 --> 00:18:33,840
care of them while i'm flying but this

302
00:18:38,230 --> 00:18:35,840
is something that comes along

303
00:18:46,150 --> 00:18:38,240
with the responsibility of flying in the

304
00:18:50,390 --> 00:18:48,630
when it comes to what i plan i would

305
00:18:53,190 --> 00:18:50,400
like to uh

306
00:18:56,870 --> 00:18:53,200
conduct a lot of uh picture taking on

307
00:19:00,470 --> 00:18:58,310
i'd like to

308
00:19:02,870 --> 00:19:00,480
use this opportunity to express my

309
00:19:29,190 --> 00:19:02,880
gratefulness to all those who

310
00:19:29,200 --> 00:19:46,150
um

311
00:19:49,750 --> 00:19:48,150
it's inaudible the

312
00:19:52,789 --> 00:19:49,760
heavy accent

313
00:20:03,669 --> 00:19:52,799

i cannot understand what the person is

314

00:20:08,470 --> 00:20:06,390

so like we said before we are going to

315

00:20:10,710 --> 00:20:08,480

conduct a lot of experiments those

316

00:20:13,669 --> 00:20:10,720

experiments are prioritized and i will

317

00:20:15,830 --> 00:20:13,679

concentrate on on being able to

318

00:20:18,870 --> 00:20:15,840

perform everything i can to make this

319

00:20:21,830 --> 00:20:18,880

happen and this is going to be done

320

00:20:23,909 --> 00:20:21,840

in the weightless environment which will

321

00:20:27,430 --> 00:20:23,919

add

322

00:20:33,990 --> 00:20:27,440

compound actually complexity to the

323

00:20:40,950 --> 00:20:37,909

the usage of the tablet is planned for

324

00:20:42,470 --> 00:20:40,960

the second time only

325

00:20:44,470 --> 00:20:42,480

i'm going to be doing it for the second

326
00:20:47,350 --> 00:20:44,480
time like i said

327
00:20:48,789 --> 00:20:47,360
so in the future

328
00:20:52,070 --> 00:20:48,799
i think

329
00:20:54,710 --> 00:20:52,080
there are plans in place to adapt the

330
00:20:58,230 --> 00:20:54,720
tablet to the actual environment which

331
00:21:00,470 --> 00:20:58,240
has not been done as yet

332
00:21:01,590 --> 00:21:00,480
but in the meantime we're going to have

333
00:21:06,149 --> 00:21:01,600
to

334
00:21:08,470 --> 00:21:06,159
the way it is right now we know that

335
00:21:12,230 --> 00:21:08,480
electronics generally is developing very

336
00:21:13,830 --> 00:21:12,240
quickly and we will hope that

337
00:21:16,390 --> 00:21:13,840
very soon

338
00:21:18,310 --> 00:21:16,400

this is going to happen but as a backup

339

00:21:36,710 --> 00:21:18,320

option we will use the tablet the way it

340

00:21:40,310 --> 00:21:38,710

shared with us his desire to look

341

00:21:45,510 --> 00:21:40,320

through the window take a look at the

342

00:21:52,230 --> 00:21:47,830

but what particular region

343

00:21:58,950 --> 00:21:55,750

and do you have any particular ways of

344

00:22:03,430 --> 00:21:58,960

enhancing your capabilities to

345

00:22:18,310 --> 00:22:05,029

and whether or not this is going to

346

00:22:23,350 --> 00:22:21,350

about a year ago i came to know about

347

00:22:25,430 --> 00:22:23,360

the geographic society of the russian

348

00:22:27,029 --> 00:22:25,440

federation they do have a lot of

349

00:22:28,950 --> 00:22:27,039

interesting projects a lot of

350

00:22:29,669 --> 00:22:28,960

interesting materials

351
00:22:32,950 --> 00:22:29,679
and

352
00:22:34,789 --> 00:22:32,960
i actually read about the contest

353
00:22:37,430 --> 00:22:34,799
which actually

354
00:22:41,590 --> 00:22:37,440
gives an opportunity to depict russia

355
00:22:43,990 --> 00:22:41,600
the most beautiful parts of russia

356
00:22:46,310 --> 00:22:44,000
and i'm not planning to participate in

357
00:22:49,270 --> 00:22:46,320
this contest but i have decided for

358
00:22:51,110 --> 00:22:49,280
myself that during my flight i will be

359
00:22:53,350 --> 00:22:51,120
trying to put together a gallery of

360
00:22:56,789 --> 00:22:53,360
different snapshots of my

361
00:23:03,350 --> 00:22:59,750
we have an excellent commander

362
00:23:05,350 --> 00:23:03,360
so all i have is just to follow

363
00:23:08,710 --> 00:23:05,360

here in his steps

364

00:23:10,630 --> 00:23:08,720

and do this try to do the same thing

365

00:23:12,789 --> 00:23:10,640

as far as my

366

00:23:14,310 --> 00:23:12,799

country goes

367

00:23:15,750 --> 00:23:14,320

but

368

00:23:17,510 --> 00:23:15,760

there is also

369

00:23:20,830 --> 00:23:17,520

a common goal

370

00:23:23,190 --> 00:23:20,840

it is very important for

371

00:23:24,630 --> 00:23:23,200

us uh

372

00:23:29,029 --> 00:23:24,640

be engaged

373

00:23:29,039 --> 00:23:33,909

and make it successful

374

00:23:39,270 --> 00:23:36,789

so people on the both on the ground and

375

00:23:42,310 --> 00:23:39,280

on the station would be able to share

376

00:23:44,230 --> 00:23:42,320

the results of our joint work

377

00:23:58,710 --> 00:23:44,240

it is very important that we help each

378

00:24:02,230 --> 00:24:00,710

i think that the

379

00:24:03,990 --> 00:24:02,240

thing that helps us to communicate

380

00:24:05,590 --> 00:24:04,000

communicate the most is the fact that

381

00:24:19,110 --> 00:24:05,600

we've spent two and a half years

382

00:24:25,350 --> 00:24:22,710

we rely on our commanders of tremendous

383

00:24:27,430 --> 00:24:25,360

experience and leadership and i feel

384

00:24:31,190 --> 00:24:27,440

very fortunate to get to fly with kimia

385

00:24:32,630 --> 00:24:31,200

who is a classmate of mine we started

386

00:24:33,990 --> 00:24:32,640

started astronaut candidate training at

387

00:24:36,149 --> 00:24:34,000

the same time and i've gotten to work

388

00:25:00,390 --> 00:24:36,159

with him extensively extensively over

389

00:25:05,590 --> 00:25:02,950

so i think having that time spending uh

390

00:25:08,070 --> 00:25:05,600

spending time training together uh we

391

00:25:10,470 --> 00:25:08,080

come to know each other's uh reactions

392

00:25:11,590 --> 00:25:10,480

to situations um how we use the

393

00:25:14,310 --> 00:25:11,600

procedures

394

00:25:15,909 --> 00:25:14,320

and uh and how we work and i know that

395

00:25:17,430 --> 00:25:15,919

my crewmates are very hard workers and

396

00:25:41,110 --> 00:25:17,440

so i look forward to working with them

397

00:25:47,029 --> 00:25:44,230

so to continue this discussion please

398

00:25:48,149 --> 00:25:47,039

tell us what professional qualities of

399

00:25:50,630 --> 00:25:48,159

each other

400

00:25:55,430 --> 00:25:50,640

you are prepared to indicate at this

401
00:26:01,669 --> 00:25:58,870
tell us what the actual quality of the

402
00:26:06,149 --> 00:26:01,679
crew of the international station is

403
00:26:11,029 --> 00:26:06,159
which will spend many months on on orbit

404
00:26:17,990 --> 00:26:14,310
we are very similar emotionally

405
00:26:22,830 --> 00:26:21,590
just the mindset that is uh almost

406
00:26:32,390 --> 00:26:22,840
the

407
00:26:36,789 --> 00:26:32,400
and interesting ideas

408
00:26:38,950 --> 00:26:36,799
as to how to how to organize our work on

409
00:26:41,750 --> 00:26:38,960
orbit

410
00:26:43,430 --> 00:26:41,760
and when we were in training in a soyuz

411
00:26:46,710 --> 00:26:43,440
vehicle on the russian segment on the

412
00:26:50,830 --> 00:26:48,870
crew members used to come up with all

413
00:26:52,549 --> 00:26:50,840

kinds of

414

00:26:53,510 --> 00:26:52,559

non-standard

415

00:26:55,990 --> 00:26:53,520

uh

416

00:27:01,590 --> 00:26:56,000

approaches to how this training should

417

00:27:08,390 --> 00:27:04,830

we also have a very good sense of humor

418

00:27:10,149 --> 00:27:08,400

which comes in very handy during our

419

00:27:12,789 --> 00:27:10,159

tough

420

00:27:15,430 --> 00:27:12,799

training and preparation so the ability

421

00:27:17,830 --> 00:27:15,440

to find the right word and to address

422

00:27:20,710 --> 00:27:17,840

each other is a great quality that we

423

00:27:24,310 --> 00:27:20,720

all share

424

00:27:26,549 --> 00:27:24,320

um well uh again like i said before i

425

00:27:28,310 --> 00:27:26,559

feel very fortunate to get to fly up his

426

00:27:29,350 --> 00:27:28,320

tremendous experience

427

00:27:31,590 --> 00:27:29,360

um

428

00:27:46,830 --> 00:27:31,600

with his previous flights and with his

429

00:27:49,990 --> 00:27:48,630

um i think that he is find that he's

430

00:27:52,470 --> 00:27:50,000

very calm

431

00:27:55,510 --> 00:27:52,480

very good at making decisions as well as

432

00:27:57,190 --> 00:27:55,520

delegating um work to kenya and i so

433

00:28:15,350 --> 00:27:57,200

that we work effect we work effectively

434

00:28:20,070 --> 00:28:18,230

since uh 2009 so over five years almost

435

00:28:22,230 --> 00:28:20,080

six years now

436

00:28:23,590 --> 00:28:22,240

we trained together

437

00:28:34,389 --> 00:28:23,600

quite a bit when we were astronaut

438

00:28:39,510 --> 00:28:36,230

he always has a positive attitude and

439

00:28:42,630 --> 00:28:39,520

he's a very hard worker uh and i know uh

440

00:28:44,630 --> 00:28:42,640

that we are very fortunate to have

441

00:29:10,149 --> 00:28:44,640

um i'm very fortunate to have both of

442

00:29:10,159 --> 00:29:14,870

our commander is very experienced

443

00:29:17,590 --> 00:29:16,549

and

444

00:29:19,190 --> 00:29:17,600

always

445

00:29:21,750 --> 00:29:19,200

knowledgeable

446

00:29:22,549 --> 00:29:21,760

about what we're trying to accomplish

447

00:29:25,190 --> 00:29:22,559

so

448

00:29:29,750 --> 00:29:25,200

he leads us always he tells us what we

449

00:29:34,549 --> 00:29:31,990

and he's very calm

450

00:29:36,710 --> 00:29:34,559

which is very important

451

00:29:38,230 --> 00:29:36,720

it is important to fly in space being

452

00:29:42,549 --> 00:29:38,240

calm

453

00:29:45,669 --> 00:29:43,510

to

454

00:29:49,190 --> 00:29:45,679

become the member of this particular

455

00:29:54,549 --> 00:29:51,029

because

456

00:30:00,950 --> 00:29:54,559

if we work hand in hand together we will

457

00:30:05,750 --> 00:30:03,110

it's very easy

458

00:30:09,590 --> 00:30:05,760

to find the common

459

00:30:13,269 --> 00:30:09,600

uh grounds with my crewmates and i'm

460

00:30:17,990 --> 00:30:13,279

sure would be able to do a nice job on

461

00:30:22,310 --> 00:30:19,990

one more question for you

462

00:30:27,110 --> 00:30:22,320

you're an engineer so i'd like to ask

463

00:30:30,549 --> 00:30:28,870

there were two failures of the progress

464

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

vehicle over the course of the last four

465

00:30:35,590 --> 00:30:32,720

years

466

00:30:37,350 --> 00:30:36,070

do you engineer

467

00:30:40,230 --> 00:30:37,360

any fears

468

00:30:45,830 --> 00:30:40,240

before the actual flight associated with

469

00:30:51,909 --> 00:30:49,110

i don't have a fear a

470

00:30:53,110 --> 00:30:51,919

natural kind of wild fear everybody

471

00:30:57,269 --> 00:30:53,120

fears

472

00:30:59,830 --> 00:30:57,279

even if you are using the most reliable

473

00:31:02,710 --> 00:30:59,840

systems you still

474

00:31:05,750 --> 00:31:02,720

will fear and should probably fear

475

00:31:08,870 --> 00:31:05,760

we have a sophisticated escape system

476
00:31:11,110 --> 00:31:08,880
that will help us if anything goes goes

477
00:31:13,029 --> 00:31:11,120
wrong but

478
00:31:16,149 --> 00:31:13,039
otherwise

479
00:31:18,630 --> 00:31:16,159
it's not fear it's maybe just a concern

480
00:31:19,669 --> 00:31:18,640
we are and i am personally concerned

481
00:31:21,350 --> 00:31:19,679
that we

482
00:31:26,470 --> 00:31:21,360
should do a lot of work in order to

483
00:31:28,630 --> 00:31:27,909
as for

484
00:31:31,110 --> 00:31:28,640
the

485
00:31:34,950 --> 00:31:31,120
technology

486
00:31:38,310 --> 00:31:34,960
that rsc energy uh demonstrates we

487
00:31:40,470 --> 00:31:38,320
totally rely on our people and on their

488
00:32:04,630 --> 00:31:40,480

capability to come up with a fine

489

00:32:09,590 --> 00:32:07,029

you have spent more than any other

490

00:32:16,630 --> 00:32:09,600

japanese cosmonauts or astronauts in

491

00:32:20,070 --> 00:32:18,070

and also

492

00:32:25,830 --> 00:32:20,080

that you have been helped very much

493

00:32:25,840 --> 00:32:30,870

i i love russia dearly

494

00:32:30,880 --> 00:32:34,470

and this is true what you said

495

00:32:39,269 --> 00:32:37,350

uh people here are very kind

496

00:32:40,070 --> 00:32:39,279

and during the training

497

00:32:46,230 --> 00:32:40,080

i

498

00:32:47,830 --> 00:32:46,240

a lot of people

499

00:32:51,190 --> 00:32:47,840

treated me

500

00:32:57,190 --> 00:32:51,200

in the best way possible they're very

501
00:32:59,669 --> 00:32:57,990
and

502
00:33:00,630 --> 00:32:59,679
i always

503
00:33:01,830 --> 00:33:00,640
felt

504
00:33:03,350 --> 00:33:01,840
here

505
00:33:05,909 --> 00:33:03,360
at home

506
00:33:22,389 --> 00:33:05,919
it helps very much

507
00:33:28,549 --> 00:33:24,789
i i have visited the united states of

508
00:33:30,310 --> 00:33:28,559
america as well and i like uh america

509
00:33:40,710 --> 00:33:30,320
as well

510
00:33:47,190 --> 00:33:43,909
and i i have a

511
00:33:48,710 --> 00:33:47,200
prominent career as a

512
00:33:51,509 --> 00:33:48,720
as a

513
00:33:55,750 --> 00:33:54,870

and this helped me tremendously in order

514

00:34:06,310 --> 00:33:55,760

to

515

00:34:09,750 --> 00:34:08,869

your launch has been postponed because

516

00:34:10,869 --> 00:34:09,760

of the

517

00:34:46,310 --> 00:34:10,879

progress

518

00:34:48,950 --> 00:34:47,109

but

519

00:34:50,869 --> 00:34:48,960

of course we're confident in the

520

00:34:52,950 --> 00:34:50,879

engineers professionalism of the russian

521

00:34:55,109 --> 00:34:52,960

space program uh to identify the

522

00:34:56,950 --> 00:34:55,119

problems and to ensure that

523

00:35:08,870 --> 00:34:56,960

that problem does not exist with our

524

00:35:13,910 --> 00:35:11,510

the time that we had during the delay

525

00:35:15,990 --> 00:35:13,920

has given us additional time for

526

00:35:31,349 --> 00:35:16,000

some refresher training to spend time

527

00:35:54,950 --> 00:35:35,430

and so i think now we are ready to fly

528

00:35:54,960 --> 00:36:01,030

um

529

00:36:05,109 --> 00:36:03,030

what something happened and there must

530

00:36:07,510 --> 00:36:05,119

be a reason for that i know and the

531

00:36:16,950 --> 00:36:07,520

people will go and investigate the root

532

00:36:19,990 --> 00:36:18,470

as far as

533

00:36:20,710 --> 00:36:20,000

i'm concerned

534

00:37:10,630 --> 00:36:20,720

i

535

00:37:10,640 --> 00:37:23,510

um

536

00:37:28,150 --> 00:37:26,310

what is the most difficult part uh for

537

00:37:30,870 --> 00:37:28,160

you to be on the international space

538

00:37:36,710 --> 00:37:34,069

well it's a matter of getting adjusted

539

00:37:38,470 --> 00:37:36,720

now there are small things like hygiene

540

00:37:41,030 --> 00:37:38,480

for instance that you still have to

541

00:37:43,510 --> 00:37:41,040

adjust yourself to because

542

00:37:44,310 --> 00:37:43,520

uh there's no water but you still have

543

00:37:46,550 --> 00:37:44,320

to

544

00:37:47,829 --> 00:37:46,560

uh abide by certain

545

00:37:48,710 --> 00:37:47,839

rules and

546

00:37:55,589 --> 00:37:48,720

to

547

00:37:59,030 --> 00:37:57,030

you all have

548

00:38:01,270 --> 00:37:59,040

many kids

549

00:38:04,950 --> 00:38:01,280

what do your children know about the

550

00:38:07,910 --> 00:38:04,960

profession of their fathers

551
00:38:10,390 --> 00:38:07,920
how many details do they have do they

552
00:38:12,069 --> 00:38:10,400
know about the way your training was

553
00:38:17,510 --> 00:38:12,079
done

554
00:38:23,670 --> 00:38:21,109
they will be uh seeing me off

555
00:38:27,670 --> 00:38:23,680
and will be expecting me on the ground

556
00:38:33,270 --> 00:38:30,310
the launch is a very emotional scene

557
00:38:37,829 --> 00:38:33,280
emotional event

558
00:38:41,589 --> 00:38:39,670
they were

559
00:38:44,790 --> 00:38:41,599
actually scared

560
00:38:47,750 --> 00:38:44,800
and and the the launch of the rocket

561
00:38:50,470 --> 00:38:47,760
did have an impact on them now they're a

562
00:38:52,710 --> 00:38:50,480
little bit older so hopefully the effect

563
00:38:55,510 --> 00:38:52,720

is not going to be nearly as severe as

564

00:38:57,750 --> 00:38:55,520

it used to be i got the

565

00:39:12,950 --> 00:38:57,760

opportunity to bring my wife and

566

00:39:16,630 --> 00:39:15,190

got to see training here at star city

567

00:39:29,910 --> 00:39:16,640

and we'll be coming out to watch the

568

00:39:34,790 --> 00:39:32,390

i'm very grateful for their support and

569

00:39:56,950 --> 00:39:34,800

uh and grateful that i get to share this

570

00:40:01,829 --> 00:39:59,670

i think my kids do understand who i am

571

00:40:02,950 --> 00:40:01,839

and what i'm expected to

572

00:40:04,390 --> 00:40:02,960

uh

573

00:40:09,030 --> 00:40:04,400

will be doing

574

00:40:12,470 --> 00:40:09,910

and

575

00:40:15,589 --> 00:40:12,480

i miss my family because i have to

576
00:40:17,750 --> 00:40:15,599
travel extensively

577
00:40:20,790 --> 00:40:17,760
it's difficult

578
00:40:22,870 --> 00:40:20,800
but my family does understand

579
00:40:25,349 --> 00:40:22,880
the specifics of

580
00:40:27,589 --> 00:40:25,359
being involved in international space

581
00:40:30,390 --> 00:40:27,599
station activities and i'm very much

582
00:40:31,910 --> 00:40:30,400
grateful to my family for that

583
00:40:35,109 --> 00:40:31,920
and i hope

584
00:40:37,750 --> 00:40:35,119
that when they will be watching

585
00:40:39,349 --> 00:40:37,760
the launch they will have very positive

586
00:41:32,870 --> 00:40:39,359
feelings about that

587
00:41:55,109 --> 00:41:46,870
foreign

588
00:42:08,710 --> 00:41:57,190

so the question was how do you feel

589

00:42:13,030 --> 00:42:10,550

was that there is a lot of people in

590

00:42:15,030 --> 00:42:13,040

japan who are very much interested and

591

00:42:17,190 --> 00:42:15,040

they are keeping an eye on the

592

00:42:19,750 --> 00:42:17,200

developments of this preparation for

593

00:42:20,950 --> 00:42:19,760

this flight

594

00:42:23,750 --> 00:42:20,960

and i'm sure

595

00:42:26,069 --> 00:42:23,760

this is all done this delay

596

00:42:27,109 --> 00:42:26,079

happens because of the safety concerns

597

00:42:29,109 --> 00:42:27,119

and

598

00:42:33,190 --> 00:42:29,119

there will be no other

599

00:42:41,990 --> 00:42:35,750

the press conference is almost over let

600

00:42:45,670 --> 00:42:43,750

what are your plans as far as seeing

601
00:42:47,750 --> 00:42:45,680
your colleagues off

602
00:42:56,390 --> 00:42:47,760
uh we know you're going to be

603
00:43:03,510 --> 00:42:57,829
we know that uh they're very well

604
00:43:08,550 --> 00:43:05,510
and uh i think they're all aware

605
00:43:17,109 --> 00:43:10,710
how special the opportunity is to fly in

606
00:43:39,030 --> 00:43:19,750
so i guess my advice is to treasure each

607
00:43:45,510 --> 00:43:43,030
obviously and our goal is to

608
00:43:48,309 --> 00:43:45,520
stand by the primary crew

609
00:43:51,990 --> 00:43:48,319
and to help them out in every aspect of

610
00:43:52,000 --> 00:43:57,190
so we will be supporting the prime crew

611
00:44:02,309 --> 00:43:59,349
and at least we will try not to cause

612
00:44:07,750 --> 00:44:04,550
so everything gets done

613
00:44:09,990 --> 00:44:07,760

strictly in accordance with the schedule

614

00:44:14,870 --> 00:44:10,000

and hopefully the launch is going to be

615

00:44:14,880 --> 00:44:20,710

do you have any wishes and voices

616

00:44:24,630 --> 00:44:22,550

i just to reiterate what tim and jury

617

00:44:27,030 --> 00:44:24,640

have said really and uh i wish them a

618

00:44:29,349 --> 00:44:27,040

very safe and successful mission

619

00:44:31,430 --> 00:44:29,359

and uh i look forward to the prospect of

620

00:44:33,990 --> 00:44:31,440

actually sharing some time on board the

621

00:44:36,550 --> 00:44:34,000

space station with the flying crew when

622

00:44:38,230 --> 00:44:36,560

we do our handover in december and

623

00:44:39,910 --> 00:44:38,240

there's a new astronaut flying to the

624

00:44:41,670 --> 00:44:39,920

space station for the first time i

625

00:44:43,829 --> 00:44:41,680

certainly look forward to learning from

626
00:44:48,550 --> 00:44:43,839
their experiences over the next five to

627
00:44:53,109 --> 00:44:51,270
and our goal is the prime crew not only

628
00:44:54,630 --> 00:44:53,119
to accomplish everything that has been

629
00:44:57,910 --> 00:44:54,640
planned

630
00:45:01,349 --> 00:44:57,920
but uh set up the stage for the crew of

631
00:45:05,349 --> 00:45:01,359
yuri malenchenko to come to the station

632
00:45:07,829 --> 00:45:05,359
later on and do a fine job in in their

633
00:45:11,270 --> 00:45:10,230
thank you very much

634
00:45:13,990 --> 00:45:11,280
dear

635
00:45:15,270 --> 00:45:14,000
colleagues we would like to state that

636
00:45:18,550 --> 00:45:15,280
uh the

637
00:45:19,670 --> 00:45:18,560
crews will wrap up their training on

638
00:45:20,870 --> 00:45:19,680

july

639

00:45:23,190 --> 00:45:20,880

the 10th

640

00:45:25,829 --> 00:45:23,200

and then the crews will be traveling