



И Ю.А. ГАГАРИНА

Андреев МОГЕНСЕН

1
00:00:05,910 --> 00:00:03,189
welcome to the cosmonaut training center

2
00:00:08,950 --> 00:00:05,920
as you're well aware today

3
00:00:12,070 --> 00:00:08,960
today the intergovernmental commission

4
00:00:17,750 --> 00:00:12,080
meeting took place that summarized the

5
00:00:22,950 --> 00:00:20,710
and the decision was made to

6
00:00:24,790 --> 00:00:22,960
start their preparation

7
00:00:26,470 --> 00:00:24,800
of the soyuz for launch the launch is

8
00:00:28,950 --> 00:00:26,480
planned for september 2nd please allow

9
00:00:31,029 --> 00:00:28,960
me to introduce the prime and backup

10
00:00:34,229 --> 00:00:31,039
crew the prime crew members

11
00:00:38,310 --> 00:00:34,239
commander of soyuz

12
00:00:39,830 --> 00:00:38,320
flight engineer of the iss crew 45 46

13
00:00:41,430 --> 00:00:39,840

sergey volkov

14

00:00:46,069 --> 00:00:41,440
of russia

15

00:00:50,310 --> 00:00:46,079
flight engineer of soyuz vehicle

16

00:00:52,310 --> 00:00:50,320
andreas morgenson visiting crew 18.

17

00:01:05,750 --> 00:00:52,320
flight engineer

18

00:01:08,950 --> 00:01:07,190
kazakhstan

19

00:01:11,670 --> 00:01:08,960
and the backup crew

20

00:01:15,670 --> 00:01:11,680
commander of the crew

21

00:01:20,149 --> 00:01:15,680
the backup crew alex kripachka

22

00:01:22,149 --> 00:01:20,159
flight engineer of soyuz tmam

23

00:01:23,830 --> 00:01:22,159
a visiting crew

24

00:01:26,390 --> 00:01:23,840
iot in flight

25

00:01:28,149 --> 00:01:26,400
engineer thomas

26

00:01:31,510 --> 00:01:28,159

and

27

00:01:32,469 --> 00:01:31,520

flight engineer sergey apricot visiting

28

00:01:34,550 --> 00:01:32,479

crew

29

00:01:37,030 --> 00:01:34,560

ross cosmis russia dear colleagues if

30

00:01:39,270 --> 00:01:37,040

you have any questions please proceed

31

00:01:42,469 --> 00:01:39,280

alexander kawali of real navasti first

32

00:01:45,270 --> 00:01:42,479

of all i would like to congratulate the

33

00:01:48,389 --> 00:01:45,280

prime and the backup crew

34

00:01:53,350 --> 00:01:50,789

the final assignment to the crew we can

35

00:01:55,990 --> 00:01:53,360

say now preliminarily that the prime and

36

00:01:58,310 --> 00:01:56,000

the backup crew will remain as they are

37

00:02:01,429 --> 00:01:58,320

and will not swap places

38

00:02:06,389 --> 00:02:01,439

and a question to sir gave volkov and

39

00:02:11,670 --> 00:02:09,270

first a traditional question

40

00:02:15,190 --> 00:02:11,680

what your zero gravity indicator is

41

00:02:17,350 --> 00:02:15,200

going to be um the so called

42

00:02:20,830 --> 00:02:17,360

zero g charm

43

00:02:23,589 --> 00:02:20,840

and also wanted to find

44

00:02:25,910 --> 00:02:23,599

out uh you're going

45

00:02:28,550 --> 00:02:25,920

uh to have the

46

00:02:31,270 --> 00:02:28,560

progress vehicle dock into iss wanted to

47

00:02:35,589 --> 00:02:31,280

see if there are any specifics um they

48

00:02:39,670 --> 00:02:37,509

just you we understand it's going to

49

00:02:41,509 --> 00:02:39,680

darken automatic mode wanted to find out

50

00:02:44,630 --> 00:02:41,519

if there are any specific details that

51
00:02:50,869 --> 00:02:47,910
and the question for iden

52
00:02:53,350 --> 00:02:50,879
what are the details of the national

53
00:02:54,470 --> 00:02:53,360
space program of kazakhstan and science

54
00:02:55,430 --> 00:02:54,480
research

55
00:02:58,229 --> 00:02:55,440
program

56
00:03:00,550 --> 00:02:58,239
you're planning to do for the kazakhstan

57
00:03:02,470 --> 00:03:00,560
space

58
00:03:05,910 --> 00:03:02,480
program so okay you want me to start

59
00:03:10,550 --> 00:03:08,309
as far as the zero g indicator children

60
00:03:12,869 --> 00:03:10,560
have already prepared one

61
00:03:14,550 --> 00:03:12,879
as far as i know

62
00:03:16,949 --> 00:03:14,560
so there is a trend

63
00:03:19,270 --> 00:03:16,959

we can see it's going to be a small

64

00:03:24,070 --> 00:03:19,280

piglet

65

00:03:27,910 --> 00:03:25,270

we're

66

00:03:29,430 --> 00:03:27,920

expecting

67

00:03:32,470 --> 00:03:29,440

three progress vehicles to arrive and

68

00:03:33,910 --> 00:03:32,480

two of them are going to be

69

00:03:36,149 --> 00:03:33,920

sm

70

00:03:39,670 --> 00:03:36,159

during the automatic rendezvous and

71

00:03:41,750 --> 00:03:39,680

docking to the station there will be the

72

00:03:44,830 --> 00:03:41,760

display screw

73

00:03:48,070 --> 00:03:44,840

displays will be a little bit

74

00:03:51,910 --> 00:03:48,080

different most of the career interfaces

75

00:03:55,750 --> 00:03:53,110

i have

76

00:03:57,190 --> 00:03:55,760

undergone training here

77

00:03:58,309 --> 00:03:57,200

how to

78

00:04:02,630 --> 00:03:58,319

perform

79

00:04:09,030 --> 00:04:04,789

the signals from the control handles go

80

00:04:11,110 --> 00:04:09,040

through with a small delay

81

00:04:12,830 --> 00:04:11,120

we previously docked the cargo vehicles

82

00:04:14,630 --> 00:04:12,840

in the orbital coordinate

83

00:04:17,189 --> 00:04:14,640

system for

84

00:04:19,030 --> 00:04:17,199

docking particularly this

85

00:04:20,710 --> 00:04:19,040

cargo vehicle the

86

00:04:23,110 --> 00:04:20,720

station is going to be in a snap and

87

00:04:26,710 --> 00:04:23,120

hold attitude is going to maintain the

88

00:04:29,110 --> 00:04:26,720

steady attitude the entire time

89

00:04:31,430 --> 00:04:29,120

so otherwise it would be difficult to uh

90

00:04:35,990 --> 00:04:31,440

perform talking

91

00:04:40,390 --> 00:04:38,629

uh while we have undergone uh training

92

00:04:43,590 --> 00:04:40,400

with the instructor even though they're

93

00:04:49,670 --> 00:04:43,600

uh these are not the standard

94

00:04:56,950 --> 00:04:52,230

science research program of kazakhstan

95

00:04:59,510 --> 00:04:56,960

is rather broad it continues the

96

00:05:01,110 --> 00:04:59,520

tradition started by the space research

97

00:05:02,469 --> 00:05:01,120

program started

98

00:05:04,870 --> 00:05:02,479

by um

99

00:05:07,590 --> 00:05:04,880

oh by kirif and musabav that includes

100

00:05:10,790 --> 00:05:07,600

such experiments as relax satsia

101
00:05:16,310 --> 00:05:12,390
science

102
00:05:17,830 --> 00:05:16,320
research experiments such as interaction

103
00:05:18,629 --> 00:05:17,840
research

104
00:05:20,950 --> 00:05:18,639
of

105
00:05:24,870 --> 00:05:20,960
chemical reactions and atmospheric

106
00:05:30,870 --> 00:05:26,629
also

107
00:05:37,670 --> 00:05:32,950
between international crew members

108
00:05:45,189 --> 00:05:40,070
thank you sergey another question for

109
00:05:48,790 --> 00:05:46,629
about the

110
00:05:51,270 --> 00:05:48,800
information that you're planning to take

111
00:05:54,710 --> 00:05:51,280
to the iss a small

112
00:05:57,510 --> 00:05:54,720
flag of the night wolves motor

113
00:05:59,590 --> 00:05:57,520

motor cycle club yes it's true i already

114

00:06:01,189 --> 00:05:59,600

packed it in my personal belongings

115

00:06:03,350 --> 00:06:01,199

where is it going to hang in the station

116

00:06:05,430 --> 00:06:03,360

so far

117

00:06:07,510 --> 00:06:05,440

well when we need to get it on board

118

00:06:10,309 --> 00:06:07,520

well i hope you will be able to

119

00:06:13,189 --> 00:06:10,319

and uh it's going to hang in my uh

120

00:06:17,029 --> 00:06:13,199

personal crew cabin and then we'll see

121

00:06:20,629 --> 00:06:18,629

actually

122

00:06:22,950 --> 00:06:20,639

russian space could you tell us

123

00:06:25,189 --> 00:06:22,960

about the overall program that you're

124

00:06:29,510 --> 00:06:25,199

planning to have

125

00:06:32,150 --> 00:06:29,520

and also about the eva is the va

126

00:06:33,590 --> 00:06:32,160

dedicated to specific topic

127

00:06:38,070 --> 00:06:33,600

are you going to do the vehicle first of

128

00:06:40,710 --> 00:06:38,870

and

129

00:06:43,749 --> 00:06:40,720

the two russian customers are going to

130

00:06:46,469 --> 00:06:45,510

in february we're appointing to have an

131

00:06:48,469 --> 00:06:46,479

eva

132

00:06:52,070 --> 00:06:48,479

during our increments

133

00:06:54,710 --> 00:06:52,080

main purposes are

134

00:06:56,469 --> 00:06:54,720

well our hydro lab

135

00:07:00,629 --> 00:06:56,479

is shut off

136

00:07:02,550 --> 00:07:00,639

we were doing a dry run so to speak

137

00:07:06,309 --> 00:07:02,560

in the hangar and the specialists came

138

00:07:10,870 --> 00:07:08,070

what equipment we need to install which

139

00:07:13,990 --> 00:07:10,880

one needs to be removed

140

00:07:15,990 --> 00:07:14,000

these are standard operations

141

00:07:18,309 --> 00:07:16,000

however some names are of the equipment

142

00:07:19,670 --> 00:07:18,319

are complex

143

00:07:21,990 --> 00:07:19,680

everything is going to be interesting

144

00:07:23,189 --> 00:07:22,000

during the eva but the most interesting

145

00:07:25,189 --> 00:07:23,199

uh

146

00:07:28,390 --> 00:07:25,199

parts

147

00:07:30,950 --> 00:07:28,400

uh there will be will be um testing and

148

00:07:32,710 --> 00:07:30,960

the equipment to repair the moi outside

149

00:07:37,110 --> 00:07:32,720

of the station

150

00:07:45,430 --> 00:07:40,710

to perform earth observation

151
00:07:49,270 --> 00:07:46,469
we're

152
00:07:51,830 --> 00:07:49,280
putting expos trays for

153
00:07:54,950 --> 00:07:51,840
exposure outside the station that

154
00:07:57,589 --> 00:07:54,960
include new materials

155
00:07:58,869 --> 00:07:57,599
and we're going to remove some of the

156
00:08:00,469 --> 00:07:58,879
equipment

157
00:08:02,550 --> 00:08:00,479
thank you

158
00:08:04,950 --> 00:08:02,560
have the spaces been already upgraded

159
00:08:10,070 --> 00:08:04,960
for the aba

160
00:08:14,150 --> 00:08:11,510
but i heard there are going to be some

161
00:08:15,830 --> 00:08:14,160
upgraded spacesuits this year

162
00:08:19,749 --> 00:08:15,840
i'm going to be using the spacesuits

163
00:08:23,270 --> 00:08:19,759

that i used for my previous cva

164

00:08:25,990 --> 00:08:23,280

we need to first use up the

165

00:08:28,629 --> 00:08:26,000

service life of the equipment where we

166

00:08:29,749 --> 00:08:28,639

had an upgraded spacesuit available at

167

00:08:32,550 --> 00:08:29,759

the time

168

00:08:34,310 --> 00:08:32,560

but we were using the previous

169

00:08:37,269 --> 00:08:34,320

version of the spacesuit and i'm going

170

00:08:40,070 --> 00:08:37,279

back there and i'm going to use up my

171

00:08:42,790 --> 00:08:40,080

previous it's a fairly expensive

172

00:08:45,030 --> 00:08:42,800

equipment so we can't just scrap it

173

00:08:46,550 --> 00:08:45,040

when new comes up as far as experiments

174

00:08:48,630 --> 00:08:46,560

are concerned

175

00:08:51,910 --> 00:08:48,640

first we're going to

176

00:08:54,470 --> 00:08:51,920

include research since we're running

177

00:08:56,389 --> 00:08:54,480

with along with the one

178

00:08:59,110 --> 00:08:56,399

year mission

179

00:09:00,470 --> 00:08:59,120

michael and scott are going to do some

180

00:09:02,550 --> 00:09:00,480

experiments

181

00:09:04,470 --> 00:09:02,560

and i'm going to be subject of some of

182

00:09:06,389 --> 00:09:04,480

the experiments as well

183

00:09:10,870 --> 00:09:06,399

i'm going to be assisting michael and

184

00:09:13,030 --> 00:09:12,150

i say

185

00:09:15,190 --> 00:09:13,040

measure

186

00:09:16,310 --> 00:09:15,200

blood pressure and other things like

187

00:09:18,389 --> 00:09:16,320

that

188

00:09:20,070 --> 00:09:18,399

the number of the experiments

189

00:09:23,910 --> 00:09:20,080

is going to

190

00:09:29,750 --> 00:09:26,230

i have about 30

191

00:09:31,750 --> 00:09:29,760

medical research experiments only

192

00:09:33,990 --> 00:09:31,760

it is a very

193

00:09:36,550 --> 00:09:34,000

well planned and very

194

00:09:40,070 --> 00:09:36,560

busy program european experiments are

195

00:09:45,190 --> 00:09:42,389

and the visiting crew

196

00:09:47,750 --> 00:09:45,200

will also participate in the experiments

197

00:09:51,190 --> 00:09:47,760

we're going to work along with iden and

198

00:09:55,590 --> 00:09:53,030

i don't even know when andreas is going

199

00:09:58,310 --> 00:09:55,600

to be able to have the time to admire

200

00:10:01,190 --> 00:09:58,320

earth from space because he

201
00:10:04,230 --> 00:10:01,200
his schedule is fully packed we're going

202
00:10:05,910 --> 00:10:04,240
to be working

203
00:10:07,509 --> 00:10:05,920
all the time

204
00:10:09,030 --> 00:10:07,519
and then you're going to have six people

205
00:10:14,230 --> 00:10:09,040
on board yes we're going to have six

206
00:10:18,949 --> 00:10:16,630
chris from isa tv question for andy

207
00:10:20,630 --> 00:10:18,959
please to pick up on what sergey volkov

208
00:10:22,870 --> 00:10:20,640
said could you talk a little bit about

209
00:10:26,150 --> 00:10:22,880
your scientific program while you're up

210
00:10:30,550 --> 00:10:28,310
it's going to be a very busy 10 days for

211
00:10:33,110 --> 00:10:30,560
me onboard the space station i have a

212
00:10:36,710 --> 00:10:33,120
full program of european and danish

213
00:10:38,150 --> 00:10:36,720

experiments a lot of them uh are all

214

00:10:40,150 --> 00:10:38,160

extremely interesting

215

00:10:41,910 --> 00:10:40,160

and we're going to use this opportunity

216

00:10:43,509 --> 00:10:41,920

or iso will use this

217

00:10:45,509 --> 00:10:43,519

short mission to test a lot of new

218

00:10:47,110 --> 00:10:45,519

technology that we hope to use

219

00:10:49,829 --> 00:10:47,120

not only in the future onboard the space

220

00:10:52,150 --> 00:10:49,839

station but also in the future on

221

00:10:53,030 --> 00:10:52,160

perhaps longer missions further out into

222

00:10:55,110 --> 00:10:53,040

space

223

00:10:57,269 --> 00:10:55,120

and so i'll be testing some real-time

224

00:10:59,910 --> 00:10:57,279

communication systems

225

00:11:01,590 --> 00:10:59,920

mobile technology that will allow

226

00:11:02,870 --> 00:11:01,600

researchers and the control center to

227

00:11:04,550 --> 00:11:02,880

follow along in real time what i'm

228

00:11:06,230 --> 00:11:04,560

moving on for the space station and

229

00:11:08,310 --> 00:11:06,240

hopefully in that way

230

00:11:10,470 --> 00:11:08,320

improve the efficiency of the work that

231

00:11:12,870 --> 00:11:10,480

we do onboard the space station

232

00:11:15,110 --> 00:11:12,880

i'll also be testing a

233

00:11:17,110 --> 00:11:15,120

ski suits that i'll be wearing uh

234

00:11:18,710 --> 00:11:17,120

hopefully that'll counteract some of the

235

00:11:20,069 --> 00:11:18,720

negative effects that we experience in

236

00:11:22,630 --> 00:11:20,079

weightlessness

237

00:11:25,110 --> 00:11:23,750

so the game mentioned that we'll be

238

00:11:27,030 --> 00:11:25,120

spending at least two and a half to

239

00:11:32,230 --> 00:11:27,040

three days in columbus together working

240

00:11:34,310 --> 00:11:32,240

on a experiment called mars which is uh

241

00:11:37,590 --> 00:11:34,320

aimed at understanding some of the

242

00:11:39,670 --> 00:11:37,600

effects that weakness has on our muscles

243

00:11:41,750 --> 00:11:39,680

and this really is to help prepare for

244

00:11:44,230 --> 00:11:41,760

future long

245

00:11:46,470 --> 00:11:44,240

duration and missions on both the iss so

246

00:11:48,550 --> 00:11:46,480

we'll be doing the first set of

247

00:11:50,310 --> 00:11:48,560

measurements on my muscles

248

00:11:51,670 --> 00:11:50,320

i'll be sitting in a specially

249

00:11:53,750 --> 00:11:51,680

constructed chair

250

00:11:54,629 --> 00:11:53,760

where i'll be my muscle essentially will

251
00:11:55,590 --> 00:11:54,639
be

252
00:11:57,190 --> 00:11:55,600
studied

253
00:11:59,670 --> 00:11:57,200
and so hopefully we can use that

254
00:12:02,150 --> 00:11:59,680
information as well too to prepare for

255
00:12:04,150 --> 00:12:02,160
for more missions

256
00:12:06,949 --> 00:12:04,160
the political tensions between russia

257
00:12:11,350 --> 00:12:06,959
and the western nations any impedance in

258
00:12:11,360 --> 00:12:15,030
no i think one of the

259
00:12:18,949 --> 00:12:17,030
one of the absolute most

260
00:12:20,550 --> 00:12:18,959
positive uh benefits of the

261
00:12:22,629 --> 00:12:20,560
international space station is the

262
00:12:25,269 --> 00:12:22,639
international partnership

263
00:12:26,310 --> 00:12:25,279

that's behind it and uh

264

00:12:27,750 --> 00:12:26,320

i think

265

00:12:29,829 --> 00:12:27,760

the international space station really

266

00:12:32,069 --> 00:12:29,839

demonstrates what we can achieve when we

267

00:12:33,030 --> 00:12:32,079

work together uh towards a common set of

268

00:12:33,990 --> 00:12:33,040

goals

269

00:12:35,670 --> 00:12:34,000

um

270

00:12:37,430 --> 00:12:35,680

you know the international space station

271

00:12:39,990 --> 00:12:37,440

today wouldn't exist if it wasn't for

272

00:12:41,990 --> 00:12:40,000

the cooperation among all the partners

273

00:12:44,310 --> 00:12:42,000

and so i think that's

274

00:12:46,389 --> 00:12:44,320

you know we often talk about the

275

00:12:48,150 --> 00:12:46,399

scientific research program which of

276

00:12:49,949 --> 00:12:48,160

course is incredibly important we also

277

00:12:52,790 --> 00:12:49,959

talk about the

278

00:12:54,949 --> 00:12:52,800

technological developments

279

00:12:56,710 --> 00:12:54,959

that we have achieved

280

00:12:57,829 --> 00:12:56,720

but we often forget to mention the

281

00:12:59,990 --> 00:12:57,839

international

282

00:13:01,990 --> 00:13:00,000

cooperation and i think it really is up

283

00:13:03,829 --> 00:13:02,000

there together with the scientific

284

00:13:05,829 --> 00:13:03,839

program that we do it's

285

00:13:07,910 --> 00:13:05,839

it's a fantastic platform for

286

00:13:10,230 --> 00:13:07,920

international cooperation so

287

00:13:12,470 --> 00:13:10,240

you know the tensions that exist here on

288

00:13:14,790 --> 00:13:12,480

earth we leave that behind and onboard

289

00:13:17,269 --> 00:13:14,800

the international space station we are

290

00:13:29,430 --> 00:13:17,279

humans working together collectively to

291

00:13:37,430 --> 00:13:32,790

i understand you were trained uh very

292

00:13:44,550 --> 00:13:39,910

do you feel

293

00:13:46,470 --> 00:13:44,560

the effects and it is a very important

294

00:13:48,389 --> 00:13:46,480

historic event

295

00:13:50,470 --> 00:13:48,399

what would you like to say to the people

296

00:13:53,269 --> 00:13:50,480

of kazakhstan concerning the upcoming

297

00:13:57,790 --> 00:13:55,910

as far as training is concerned um

298

00:13:59,750 --> 00:13:57,800

from 2003 to

299

00:14:01,189 --> 00:13:59,760

2009

300

00:14:03,189 --> 00:14:01,199

i was going

301
00:14:07,829 --> 00:14:03,199
through

302
00:14:07,839 --> 00:14:11,470
as the

303
00:14:17,110 --> 00:14:14,629
recertification program in kazakhstan

304
00:14:19,430 --> 00:14:17,120
currently training was done over a short

305
00:14:22,870 --> 00:14:19,440
period of time i would like to express

306
00:14:25,430 --> 00:14:22,880
my appreciation to the gcdc instructors

307
00:14:27,990 --> 00:14:25,440
and specialists

308
00:14:30,790 --> 00:14:28,000
expressed at their appreciation for

309
00:14:33,750 --> 00:14:30,800
professional training from 2003 to

310
00:14:35,990 --> 00:14:33,760
2009 because they

311
00:14:39,829 --> 00:14:36,000
laid down very

312
00:14:42,790 --> 00:14:39,839
thorough groundwork and the

313
00:14:45,590 --> 00:14:42,800

training right now

314

00:14:49,030 --> 00:14:45,600

presented some complications i had to

315

00:14:51,910 --> 00:14:49,040

learn i had to train more and study more

316

00:14:53,269 --> 00:14:51,920

but i overcame these difficulties

317

00:14:56,310 --> 00:14:53,279

i would like to wish the people of

318

00:14:58,389 --> 00:14:56,320

kazakhstan oh the very best i would like

319

00:15:02,069 --> 00:14:58,399

to

320

00:15:04,790 --> 00:15:02,079

remain

321

00:15:07,110 --> 00:15:04,800

committed to their goals no matter how

322

00:15:09,269 --> 00:15:07,120

complicated they are

323

00:15:12,150 --> 00:15:09,279

and i believe you

324

00:15:16,550 --> 00:15:12,160

would be able to achieve a lot if you're

325

00:15:20,870 --> 00:15:17,590

news

326

00:15:38,470 --> 00:15:20,880

of cosmonautics magazine

327

00:15:38,480 --> 00:15:43,430

we're currently uh going

328

00:15:48,389 --> 00:15:47,030

i do have the call sign

329

00:15:54,949 --> 00:15:48,399

are you already assigned to the next

330

00:15:58,550 --> 00:15:56,949

uh the prime crew once assigned to prem

331

00:15:59,990 --> 00:15:58,560

crew you have your own call sign as a

332

00:16:04,069 --> 00:16:00,000

backup crew you don't have your own

333

00:16:09,749 --> 00:16:06,389

you see if the customer

334

00:16:12,550 --> 00:16:09,759

already has been has flown

335

00:16:15,110 --> 00:16:12,560

uh as the commander of the soyuz then

336

00:16:18,470 --> 00:16:15,120

you're resigned your own call sign for

337

00:16:25,350 --> 00:16:22,710

um alex is correct that doesn't make any

338

00:16:35,509 --> 00:16:27,749

it's very difficult to select the right

339

00:16:41,350 --> 00:16:37,829

i yourself say that

340

00:16:46,710 --> 00:16:42,790

helped us

341

00:16:51,749 --> 00:16:50,150

has been useful for us to train together

342

00:16:54,870 --> 00:16:51,759

so

343

00:16:56,710 --> 00:16:54,880

usually it's about a year's

344

00:16:58,550 --> 00:16:56,720

duration till

345

00:16:59,749 --> 00:16:58,560

the next so we're currently preparing

346

00:17:04,150 --> 00:16:59,759

for the next

347

00:17:08,150 --> 00:17:05,669

a question

348

00:17:10,150 --> 00:17:08,160

for andres

349

00:17:12,630 --> 00:17:10,160

what about your

350

00:17:14,230 --> 00:17:12,640

russian training could you speak russian

351
00:17:16,069 --> 00:17:14,240
and answer the question in russian how

352
00:17:18,870 --> 00:17:16,079
difficult was it to learn russian

353
00:17:22,789 --> 00:17:18,880
language and what is your experience

354
00:17:22,799 --> 00:17:28,789
during my training

355
00:17:33,830 --> 00:17:30,390
it was the most difficult part of my

356
00:17:36,070 --> 00:17:33,840
training to learn russian

357
00:17:38,630 --> 00:17:36,080
but it is an

358
00:17:40,950 --> 00:17:38,640
a very important

359
00:17:43,350 --> 00:17:40,960
component

360
00:17:51,029 --> 00:17:43,360
important to be able to talk

361
00:17:51,039 --> 00:18:13,669
so that is one uh part of our training

362
00:18:17,990 --> 00:18:15,990
uh flight your assignment to the career

363
00:18:21,270 --> 00:18:18,000

was rather

364

00:18:23,990 --> 00:18:21,280

fast and unexpected to the

365

00:18:28,789 --> 00:18:24,000

mass media the question about your

366

00:18:33,590 --> 00:18:30,230

second question

367

00:18:33,600 --> 00:18:41,350

and 2003 you had a backup uh crew member

368

00:18:47,750 --> 00:18:43,029

uh currently

369

00:18:52,789 --> 00:18:50,070

what would you wish

370

00:18:54,789 --> 00:18:52,799

uh to your

371

00:18:56,630 --> 00:18:54,799

former

372

00:18:58,470 --> 00:18:56,640

backup crew

373

00:19:00,789 --> 00:18:58,480

would you be gleeful that you're flying

374

00:19:02,870 --> 00:19:00,799

right now and he has not flown even

375

00:19:06,470 --> 00:19:02,880

though he changed citizenship or

376

00:19:13,510 --> 00:19:09,909

a flight of a kazakhstan cosmonaut has

377

00:19:14,950 --> 00:19:13,520

been scheduled for 2009 september time

378

00:19:16,310 --> 00:19:14,960

frame

379

00:19:18,950 --> 00:19:16,320

and we already

380

00:19:20,150 --> 00:19:18,960

prepared a contract between roscosmos

381

00:19:22,150 --> 00:19:20,160

and kazakh

382

00:19:25,029 --> 00:19:22,160

space

383

00:19:26,870 --> 00:19:25,039

we didn't have backup crew there was

384

00:19:29,590 --> 00:19:26,880

supposed to be

385

00:19:31,510 --> 00:19:29,600

an intergovernmental commission session

386

00:19:33,990 --> 00:19:31,520

i was supposed to take

387

00:19:36,310 --> 00:19:34,000

place in kazakhstan to select the prime

388

00:19:39,669 --> 00:19:36,320

and the backup crew but we didn't get to

389

00:19:41,830 --> 00:19:39,679

that stage because of the

390

00:19:43,270 --> 00:19:41,840

world financial crisis

391

00:19:45,270 --> 00:19:43,280

and the

392

00:19:50,310 --> 00:19:45,280

uh flight of the catholic san classified

393

00:19:56,230 --> 00:19:50,320

was postponed since 2009 until now

394

00:20:00,710 --> 00:19:58,150

um our

395

00:20:03,110 --> 00:20:00,720

agencies there were ongoing discussions

396

00:20:04,630 --> 00:20:03,120

about a flight of the kazakhstan

397

00:20:07,270 --> 00:20:04,640

cosmonaut

398

00:20:08,390 --> 00:20:07,280

and right now it is

399

00:20:09,430 --> 00:20:08,400

and

400

00:20:14,390 --> 00:20:09,440

um

401
00:20:17,350 --> 00:20:14,400
president

402
00:20:19,909 --> 00:20:17,360
was an achievement and thank you to

403
00:20:22,630 --> 00:20:19,919
the russian president putin due to their

404
00:20:25,029 --> 00:20:22,640
mutual agreements

405
00:20:27,270 --> 00:20:25,039
over such a short

406
00:20:31,190 --> 00:20:27,280
time frame it became possible to follow

407
00:20:39,190 --> 00:20:32,470
what are your

408
00:21:00,630 --> 00:20:41,669
well you see each person

409
00:21:05,830 --> 00:21:03,669
first time uh people jump

410
00:21:08,710 --> 00:21:05,840
the parents should jump people have some

411
00:21:11,990 --> 00:21:08,720
apprehension then you know more about it

412
00:21:13,510 --> 00:21:12,000
so what when you're flying um again what

413
00:21:14,950 --> 00:21:13,520

would you like to

414

00:21:19,430 --> 00:21:14,960

see again

415

00:21:24,789 --> 00:21:21,029

both during the first

416

00:21:28,870 --> 00:21:26,470

it's

417

00:21:31,909 --> 00:21:28,880

normal to feel

418

00:21:36,070 --> 00:21:31,919

stressed but this is our work

419

00:21:40,630 --> 00:21:37,669

i wanted to fly

420

00:21:41,590 --> 00:21:40,640

and i was training preparing between the

421

00:21:43,750 --> 00:21:41,600

first

422

00:21:45,510 --> 00:21:43,760

and second flight

423

00:21:48,149 --> 00:21:45,520

some time passed

424

00:21:51,590 --> 00:21:48,159

and sometime past between those flights

425

00:21:56,230 --> 00:21:53,909

there are some young cosmonauts who have

426
00:22:02,149 --> 00:21:56,240
to gain the specified experiment

427
00:22:06,870 --> 00:22:04,870
so some people have more opportunities

428
00:22:08,870 --> 00:22:06,880
some people have fewer opportunities to

429
00:22:11,270 --> 00:22:08,880
implement their wishes to compare first

430
00:22:14,070 --> 00:22:11,280
and second space flights and training

431
00:22:15,190 --> 00:22:14,080
for the third space flight

432
00:22:19,590 --> 00:22:15,200
i

433
00:22:22,230 --> 00:22:20,310
the

434
00:22:24,789 --> 00:22:22,240
level of responsibility increases

435
00:22:26,630 --> 00:22:24,799
because you know the specialists well

436
00:22:27,590 --> 00:22:26,640
and the specialists know you

437
00:22:30,070 --> 00:22:27,600
well

438
00:22:31,669 --> 00:22:30,080

and there are certain expectations

439

00:22:34,390 --> 00:22:31,679

from these

440

00:22:37,430 --> 00:22:34,400

crew members from the crew

441

00:22:39,669 --> 00:22:37,440

and i would the last thing i want to do

442

00:22:42,630 --> 00:22:39,679

is to fail

443

00:22:44,630 --> 00:22:42,640

the expectations

444

00:22:48,390 --> 00:22:44,640

and to

445

00:22:50,470 --> 00:22:48,400

is it prior to prior to the first flight

446

00:22:51,430 --> 00:22:50,480

you are working hard to achieve your

447

00:22:52,950 --> 00:22:51,440

dream

448

00:22:55,430 --> 00:22:52,960

but nobody knows you you don't know

449

00:22:58,230 --> 00:22:55,440

anyone so

450

00:23:00,789 --> 00:22:58,240

you're just working hard to implement

451
00:23:03,270 --> 00:23:00,799
your dream right now you're fully aware

452
00:23:07,590 --> 00:23:04,990
there are expectations and

453
00:23:10,310 --> 00:23:07,600
responsibilities and responsibility is

454
00:23:11,830 --> 00:23:10,320
more recognized by the crew members dear

455
00:23:13,990 --> 00:23:11,840
colleagues

456
00:23:18,310 --> 00:23:14,000
i

457
00:23:27,110 --> 00:23:18,320
uh please go ahead

458
00:23:31,669 --> 00:23:28,710
crew member you're going to start

459
00:23:33,110 --> 00:23:31,679
training for the prime

460
00:23:35,430 --> 00:23:33,120
crew

461
00:23:40,310 --> 00:23:35,440
you're going to fly a new modified

462
00:23:44,710 --> 00:23:43,269
we're going to train

463
00:23:47,430 --> 00:23:44,720

s-prime

464

00:23:49,510 --> 00:23:47,440

so the question is

465

00:23:50,870 --> 00:23:49,520

how is the

466

00:23:55,510 --> 00:23:50,880

different what is the difference in

467

00:24:01,190 --> 00:23:57,510

there are certain design

468

00:24:09,110 --> 00:24:03,830

in terms of location of the approach and

469

00:24:18,230 --> 00:24:13,510

there is a new onboard computer system

470

00:24:20,390 --> 00:24:18,240

that was changed for the soyuz gma

471

00:24:23,190 --> 00:24:20,400

for the previous modification

472

00:24:25,669 --> 00:24:23,200

right now the rendezvous system

473

00:24:28,470 --> 00:24:25,679

uh is going to be upgraded

474

00:24:30,070 --> 00:24:28,480

uh the crew operations

475

00:24:32,149 --> 00:24:30,080

are going to

476

00:24:33,590 --> 00:24:32,159

change in relationship to the system as

477

00:24:35,190 --> 00:24:33,600

well but right now as an operator i

478

00:24:36,870 --> 00:24:35,200

wouldn't be able to tell what the

479

00:24:37,990 --> 00:24:36,880

difference is dear colleagues thank you

480

00:24:40,310 --> 00:24:38,000

very much

481

00:24:41,990 --> 00:24:40,320

for your questions um to the crew

482

00:24:43,750 --> 00:24:42,000

members and to the crew members thank

483

00:24:53,350 --> 00:24:43,760

you very much for your detailed answers