



Лука ПАРМИТАНО  
Luca PARMITANO

Федор ЮРЧИХИН  
Fvodor YURCHIKHIN

Сергей КРИКАЛЁВ  
Seraev KRİKAI FV

1  
00:00:10,950 --> 00:00:07,749  
we would like to start our press

2  
00:00:13,110 --> 00:00:10,960  
conference with the crew

3  
00:00:15,509 --> 00:00:13,120  
and would also like to hear about the

4  
00:00:18,470 --> 00:00:15,519  
conclusions of the

5  
00:00:20,710 --> 00:00:18,480  
inter-ministerial commission

6  
00:00:22,150 --> 00:00:20,720  
first i wanted to say

7  
00:00:26,150 --> 00:00:22,160  
that

8  
00:00:29,589 --> 00:00:26,160  
the launch is scheduled for may 29th

9  
00:00:32,549 --> 00:00:29,599  
on soyuz tma-09m

10  
00:00:34,389 --> 00:00:32,559  
at 12 31 a.m

11  
00:00:36,870 --> 00:00:34,399  
moscow time

12  
00:00:39,190 --> 00:00:36,880  
the prime crew

13  
00:00:41,270 --> 00:00:39,200

is the following your chicken feather

14

00:00:44,549 --> 00:00:41,280

nikolaevich

15

00:00:46,709 --> 00:00:44,559

soyuz commander of increment 36

16

00:00:47,910 --> 00:00:46,719

fe for the station and for the source

17

00:00:51,670 --> 00:00:47,920

vehicle

18

00:00:54,069 --> 00:00:51,680

issa astronaut luca parmitano

19

00:00:55,110 --> 00:00:54,079

soyuz flight engineer and station flight

20

00:00:59,910 --> 00:00:55,120

engineer

21

00:01:03,029 --> 00:01:01,510

and the backup crew

22

00:01:05,109 --> 00:01:03,039

consists of

23

00:01:06,789 --> 00:01:05,119

a very experienced

24

00:01:10,550 --> 00:01:06,799

commander

25

00:01:16,630 --> 00:01:13,910

soyuz flight engineer and station

26  
00:01:18,469 --> 00:01:16,640  
flight engineer nasa astronaut richard

27  
00:01:21,109 --> 00:01:18,479  
mastracchio

28  
00:01:23,030 --> 00:01:21,119  
and soyuz and station flight engineer

29  
00:01:24,789 --> 00:01:23,040  
koichi vagata

30  
00:01:26,390 --> 00:01:24,799  
jaxa astronaut

31  
00:01:32,069 --> 00:01:26,400  
and i'd like to give the floor to the

32  
00:01:35,590 --> 00:01:33,429  
i would like to give the floor to our

33  
00:01:37,030 --> 00:01:35,600  
journalists who definitely have some

34  
00:01:39,510 --> 00:01:37,040  
questions i just wanted to make some

35  
00:01:41,350 --> 00:01:39,520  
clarification here

36  
00:01:45,109 --> 00:01:41,360  
the launch is scheduled for the night

37  
00:01:49,270 --> 00:01:45,119  
time on the 29th

38  
00:01:52,950 --> 00:01:51,270

however it will be

39

00:01:54,550 --> 00:01:52,960

may 28th

40

00:01:57,190 --> 00:01:54,560

gmt

41

00:01:59,030 --> 00:01:57,200

i just wanted to avoid any confusion

42

00:02:06,870 --> 00:01:59,040

here and wanted to make this

43

00:02:11,670 --> 00:02:09,510

it's our nominal launch it's our nominal

44

00:02:13,830 --> 00:02:11,680

operation

45

00:02:14,949 --> 00:02:13,840

uh the only thing that is not nominal

46

00:02:17,350 --> 00:02:14,959

here yet

47

00:02:20,070 --> 00:02:17,360

is the fast rendezvous profile that we

48

00:02:24,710 --> 00:02:20,080

are going to use one more time we have

49

00:02:27,990 --> 00:02:27,110

in particular last time

50

00:02:30,869 --> 00:02:28,000

when

51  
00:02:32,790 --> 00:02:30,879  
increment 35

52  
00:02:34,150 --> 00:02:32,800  
with the commander pavel vinogradov were

53  
00:02:37,430 --> 00:02:34,160  
launching

54  
00:02:39,670 --> 00:02:37,440  
in late march this year

55  
00:02:42,390 --> 00:02:39,680  
and they docked six hours after the

56  
00:02:45,430 --> 00:02:42,400  
launch in kazakhstan

57  
00:02:46,470 --> 00:02:45,440  
the crew of other chicken will also be

58  
00:02:49,430 --> 00:02:46,480  
following

59  
00:02:51,030 --> 00:02:49,440  
the fast rendezvous profile

60  
00:02:52,790 --> 00:02:51,040  
so anticipating some of your questions

61  
00:02:56,229 --> 00:02:52,800  
so i can say that

62  
00:02:58,229 --> 00:02:56,239  
we have some positive statistics here

63  
00:03:00,070 --> 00:02:58,239

with regard to

64

00:03:02,550 --> 00:03:00,080

the fast rendezvous profile all the

65

00:03:04,470 --> 00:03:02,560

systems work nominal usually

66

00:03:06,949 --> 00:03:04,480

and we

67

00:03:09,830 --> 00:03:06,959

also have an additional capability of

68

00:03:13,750 --> 00:03:09,840

performing some orbits and coordinates

69

00:03:20,550 --> 00:03:17,270

in short periods of time

70

00:03:24,949 --> 00:03:20,560

which allows the vehicle to approach the

71

00:03:27,589 --> 00:03:24,959

station more carefully so to say

72

00:03:29,750 --> 00:03:27,599

so right now we're very confident in

73

00:03:34,789 --> 00:03:29,760

this profile and let's hear some

74

00:03:38,149 --> 00:03:36,630

journal

75

00:03:41,990 --> 00:03:38,159

i have a question for the federal eu

76

00:03:46,710 --> 00:03:45,030

we heard some information that you're

77

00:03:50,309 --> 00:03:46,720

going to participate in the olympic

78

00:03:54,630 --> 00:03:50,319

torch relay onboard the station

79

00:03:58,470 --> 00:03:55,990

and i know that

80

00:04:01,509 --> 00:03:58,480

the flight program was changed because

81

00:04:03,429 --> 00:04:01,519

of this major event

82

00:04:04,789 --> 00:04:03,439

and did you talk to the olympic

83

00:04:06,390 --> 00:04:04,799

committee

84

00:04:08,309 --> 00:04:06,400

do they know about it what do they think

85

00:04:14,070 --> 00:04:08,319

about it

86

00:04:18,469 --> 00:04:16,229

and i think it's a great

87

00:04:21,189 --> 00:04:18,479

uh opportunity and great honor for the

88

00:04:23,110 --> 00:04:21,199

crew to be able to participate in this

89

00:04:28,070 --> 00:04:23,120

relay well i want to answer this

90

00:04:31,430 --> 00:04:29,110

you

91

00:04:34,469 --> 00:04:31,440

are saying it as if it's

92

00:04:37,030 --> 00:04:34,479

already been confirmed however

93

00:04:38,550 --> 00:04:37,040

it's not really so we are considering

94

00:04:39,909 --> 00:04:38,560

this possibility

95

00:04:44,870 --> 00:04:39,919

to

96

00:04:47,510 --> 00:04:44,880

practice in the space industry

97

00:04:48,790 --> 00:04:47,520

complicated events like this need to be

98

00:04:51,830 --> 00:04:48,800

assessed first

99

00:04:53,189 --> 00:04:51,840

and we haven't uh confirmed and haven't

100

00:04:54,310 --> 00:04:53,199

approved

101  
00:04:56,310 --> 00:04:54,320  
this event

102  
00:04:59,110 --> 00:04:56,320  
yet but we're assessing the

103  
00:05:00,230 --> 00:04:59,120  
possibilities yes we were talking about

104  
00:05:02,950 --> 00:05:00,240  
possible

105  
00:05:05,270 --> 00:05:02,960  
participation in the olympic torch

106  
00:05:07,029 --> 00:05:05,280  
really but we understand all the risks

107  
00:05:12,310 --> 00:05:07,039  
and all the complications

108  
00:05:14,390 --> 00:05:13,110  
and

109  
00:05:16,310 --> 00:05:14,400  
actually it's not the first time when

110  
00:05:17,510 --> 00:05:16,320  
the olympic tours goes to space the

111  
00:05:19,830 --> 00:05:17,520  
first time

112  
00:05:22,230 --> 00:05:19,840  
was some years ago

113  
00:05:23,670 --> 00:05:22,240

well actually a couple of decades ago

114

00:05:25,110 --> 00:05:23,680

when the shuttle

115

00:05:27,430 --> 00:05:25,120

delivered

116

00:05:33,749 --> 00:05:27,440

the olympic torch for los angeles

117

00:05:38,710 --> 00:05:36,550

we are very happy

118

00:05:40,550 --> 00:05:38,720

possibly possible i just want to make

119

00:05:42,790 --> 00:05:40,560

this reservation possibly everything is

120

00:05:45,830 --> 00:05:42,800

possible you know

121

00:05:51,670 --> 00:05:45,840

possibly we will see our backup crew on

122

00:05:58,469 --> 00:05:55,029

yes our traditional program is that

123

00:06:00,550 --> 00:05:58,479

we will have indirect handover

124

00:06:03,110 --> 00:06:00,560

usually only three crew members stay

125

00:06:04,150 --> 00:06:03,120

onboard the station after the previous

126

00:06:07,270 --> 00:06:04,160

uh

127

00:06:09,590 --> 00:06:07,280

soyuz crew leaves the station and they

128

00:06:10,870 --> 00:06:09,600

welcome the next crew but they need to

129

00:06:11,670 --> 00:06:10,880

spend some time

130

00:06:15,909 --> 00:06:11,680

uh

131

00:06:22,550 --> 00:06:17,350

maybe it will be interesting for you to

132

00:06:27,110 --> 00:06:24,790

so your screw

133

00:06:29,270 --> 00:06:27,120

is going to land

134

00:06:31,749 --> 00:06:29,280

on may 13th

135

00:06:35,270 --> 00:06:31,759

at night may 14th

136

00:06:37,189 --> 00:06:35,280

and maybe in two weeks

137

00:06:39,430 --> 00:06:37,199

and in two weeks a new serious vehicle

138

00:06:41,430 --> 00:06:39,440

will launch however it is possible that

139

00:06:45,510 --> 00:06:41,440

in the fall this year we're going to

140

00:06:45,520 --> 00:06:49,510

next question please

141

00:06:54,790 --> 00:06:52,070

first congratulations on the completion

142

00:06:58,550 --> 00:06:54,800

of the most difficult part examination

143

00:06:59,510 --> 00:06:58,560

part of your training flow

144

00:07:03,189 --> 00:06:59,520

and

145

00:07:05,830 --> 00:07:03,199

the spring is really wonderful here

146

00:07:07,909 --> 00:07:05,840

very warm

147

00:07:09,270 --> 00:07:07,919

i would like to ask you about the task

148

00:07:10,710 --> 00:07:09,280

you're going to perform onboard the

149

00:07:14,790 --> 00:07:10,720

station what do you expect from this

150

00:07:14,800 --> 00:07:26,390

what

151  
00:07:32,390 --> 00:07:28,629  
as regards the

152  
00:07:37,270 --> 00:07:34,629  
of course the core here

153  
00:07:39,430 --> 00:07:37,280  
uh the experiments long-term experience

154  
00:07:41,029 --> 00:07:39,440  
that have been performed for a long time

155  
00:07:42,710 --> 00:07:41,039  
so we're going to continue performing

156  
00:07:46,309 --> 00:07:42,720  
them

157  
00:07:51,189 --> 00:07:48,710  
the schedule of our increment is going

158  
00:07:52,629 --> 00:07:51,199  
to be busy as well luca is going to have

159  
00:07:56,230 --> 00:07:52,639  
two evas

160  
00:08:01,110 --> 00:07:56,240  
maybe we're going to have eva 36 closer

161  
00:08:05,990 --> 00:08:04,390  
maybe i will be able to see the atv

162  
00:08:08,230 --> 00:08:06,000  
vehicle because

163  
00:08:09,350 --> 00:08:08,240

two times twice

164

00:08:12,390 --> 00:08:09,360

before

165

00:08:15,990 --> 00:08:12,400

i missed that opportunity

166

00:08:17,189 --> 00:08:16,000

so maybe this time finally is i will be

167

00:08:18,950 --> 00:08:17,199

able to see

168

00:08:19,909 --> 00:08:18,960

this vehicle

169

00:08:24,150 --> 00:08:19,919

so

170

00:08:28,950 --> 00:08:26,790

it's really difficult

171

00:08:30,950 --> 00:08:28,960

to explain everything luca could you

172

00:08:33,430 --> 00:08:30,960

please speak english

173

00:08:35,190 --> 00:08:33,440

no i would prefer to speak russian if

174

00:08:37,509 --> 00:08:35,200

you don't like my russian i can switch

175

00:08:41,110 --> 00:08:37,519

to english up to you

176

00:08:43,990 --> 00:08:41,120

no we like you russian very much

177

00:08:46,710 --> 00:08:44,000

it's really difficult to

178

00:08:48,509 --> 00:08:46,720

anticipate something right now

179

00:08:51,670 --> 00:08:48,519

i know that there are

180

00:09:02,070 --> 00:08:51,680

150 experiments going on onboard the

181

00:09:13,990 --> 00:09:03,990

i want to single out some specific

182

00:09:16,790 --> 00:09:15,269

but i can

183

00:09:18,870 --> 00:09:16,800

say that

184

00:09:22,230 --> 00:09:18,880

green air experiment is an

185

00:09:24,389 --> 00:09:22,240

european experiment it's In experiment

186

00:09:27,190 --> 00:09:24,399

that is why i like it

187

00:09:33,350 --> 00:09:30,150

when we use biofuel and the purpose

188

00:09:40,550 --> 00:09:33,360

of the experiment

189

00:09:44,550 --> 00:09:42,470

we can use and which processes we can

190

00:09:45,910 --> 00:09:44,560

use in order not to contaminate our

191

00:09:47,990 --> 00:09:45,920

atmosphere

192

00:09:51,509 --> 00:09:48,000

what kind of

193

00:09:54,790 --> 00:09:51,519

fuels we can use in our

194

00:09:58,150 --> 00:09:56,550

and it's very useful experiment because

195

00:10:01,269 --> 00:09:58,160

the results can be

196

00:10:10,389 --> 00:10:01,279

applied immediately on earth

197

00:10:14,389 --> 00:10:12,389

are related to

198

00:10:16,470 --> 00:10:14,399

human research

199

00:10:18,630 --> 00:10:16,480

in which we're not only participating

200

00:10:22,389 --> 00:10:18,640

but we're also subject of these

201  
00:10:26,470 --> 00:10:23,590  
it's

202  
00:10:29,829 --> 00:10:26,480  
i'm talking about the experiments

203  
00:10:33,350 --> 00:10:29,839  
that we are studying

204  
00:10:37,350 --> 00:10:33,360  
how to determine

205  
00:10:51,030 --> 00:10:39,190  
what proportion exists

206  
00:10:55,509 --> 00:10:53,110  
well we can actually

207  
00:10:58,829 --> 00:10:55,519  
use the results of these experiments

208  
00:11:06,069 --> 00:11:01,509  
away and i really hope that he will get

209  
00:11:09,829 --> 00:11:08,230  
it will be useful for the people on

210  
00:11:11,190 --> 00:11:09,839  
board the station however besides these

211  
00:11:12,949 --> 00:11:11,200  
two experiments there are many other

212  
00:11:15,670 --> 00:11:12,959  
experiments that are important for the

213  
00:11:17,750 --> 00:11:15,680

program and for the earth

214

00:11:19,110 --> 00:11:17,760

i'll speak english

215

00:11:21,269 --> 00:11:19,120

the great thing about space station

216

00:11:23,430 --> 00:11:21,279

right now is that we have a very very

217

00:11:24,550 --> 00:11:23,440

wide breadth of experiments taking place

218

00:11:26,710 --> 00:11:24,560

all the time

219

00:11:30,069 --> 00:11:26,720

from things that are external to the

220

00:11:32,310 --> 00:11:30,079

space station to experiments that

221

00:11:35,350 --> 00:11:32,320

we install and then don't touch again to

222

00:11:37,269 --> 00:11:35,360

experiments on our own body

223

00:11:39,829 --> 00:11:37,279

the experiments we have probably about

224

00:11:41,509 --> 00:11:39,839

150 going at one time

225

00:11:42,710 --> 00:11:41,519

with hundreds of investigators around

226  
00:11:43,829 --> 00:11:42,720  
the world

227  
00:11:45,269 --> 00:11:43,839  
which makes

228  
00:11:49,350 --> 00:11:45,279  
the space station

229  
00:11:49,360 --> 00:11:53,590  
i have a question for the commander

230  
00:11:53,600 --> 00:12:00,069  
it's the iterative news agency

231  
00:12:03,670 --> 00:12:02,389  
do you have any mascot well i have the

232  
00:12:05,509 --> 00:12:03,680  
same mask

233  
00:12:07,350 --> 00:12:05,519  
as last time we are very conservative

234  
00:12:08,870 --> 00:12:07,360  
here

235  
00:12:11,590 --> 00:12:08,880  
but we're very conservative in

236  
00:12:14,310 --> 00:12:11,600  
everything that is related to our space

237  
00:12:18,150 --> 00:12:15,990  
so i will take the mask that i had

238  
00:12:19,269 --> 00:12:18,160

during my first flight second flight and

239

00:12:21,670 --> 00:12:19,279

third flight

240

00:12:25,269 --> 00:12:21,680

i'm preparing for my first flight and

241

00:12:26,949 --> 00:12:25,279

third flight onboard the station

242

00:12:30,470 --> 00:12:26,959

same dimensions

243

00:12:33,829 --> 00:12:32,629

yeah maybe i gained some weight but my

244

00:12:37,190 --> 00:12:33,839

mask didn't

245

00:12:41,990 --> 00:12:38,550

be

246

00:12:47,030 --> 00:12:42,000

in good shape just like my musket

247

00:12:50,629 --> 00:12:47,910

um

248

00:12:53,750 --> 00:12:50,639

you have an international crew truly

249

00:12:56,230 --> 00:12:53,760

international crew italian american crew

250

00:12:56,240 --> 00:13:01,269

is it difficult to have such a crew

251  
00:13:04,550 --> 00:13:03,750  
no actually

252  
00:13:05,350 --> 00:13:04,560  
we

253  
00:13:08,550 --> 00:13:05,360  
feel

254  
00:13:10,710 --> 00:13:08,560  
very good within our crew

255  
00:13:13,590 --> 00:13:10,720  
luca for example is very

256  
00:13:15,829 --> 00:13:13,600  
easy going very friendly

257  
00:13:24,230 --> 00:13:15,839  
he speaks russian very well he is going

258  
00:13:27,990 --> 00:13:26,069  
learning not only the russian language

259  
00:13:31,350 --> 00:13:28,000  
but the greek language as well you know

260  
00:13:32,710 --> 00:13:31,360  
i'm of a greek origin

261  
00:13:35,030 --> 00:13:32,720  
and we

262  
00:13:38,470 --> 00:13:35,040  
have no problems communicating within

263  
00:13:42,310 --> 00:13:40,470

today at the inter-ministerial

264

00:13:45,189 --> 00:13:42,320  
commission

265

00:13:48,949 --> 00:13:47,430  
spoke russian

266

00:13:51,110 --> 00:13:48,959  
there and

267

00:13:52,150 --> 00:13:51,120  
i was really really impressed by her

268

00:13:55,509 --> 00:13:52,160  
knowledge

269

00:13:57,030 --> 00:13:55,519  
so we're conservative here but maybe

270

00:13:59,350 --> 00:13:57,040  
not in everything

271

00:14:01,269 --> 00:13:59,360  
you and your crew are scheduled to

272

00:14:03,110 --> 00:14:01,279  
be on board during the visit of quite a

273

00:14:04,389 --> 00:14:03,120  
number of different vehicles can you

274

00:14:05,990 --> 00:14:04,399  
talk about the vehicles that are going

275

00:14:08,230 --> 00:14:06,000  
to be visiting the space station during

276

00:14:10,150 --> 00:14:08,240

your time on board and how you're all

277

00:14:12,790 --> 00:14:10,160

prepared to handle that very complex

278

00:14:14,870 --> 00:14:12,800

traffic pattern

279

00:14:16,629 --> 00:14:14,880

yes we do have a lot of traffic during

280

00:14:18,150 --> 00:14:16,639

the period of time we're there

281

00:14:19,750 --> 00:14:18,160

the first visiting vehicle we can expect

282

00:14:21,269 --> 00:14:19,760

is the atv

283

00:14:23,110 --> 00:14:21,279

in june i believe

284

00:14:25,430 --> 00:14:23,120

and uh that of course stops to the

285

00:14:27,269 --> 00:14:25,440

russian segment

286

00:14:29,990 --> 00:14:27,279

then uh the progress vehicles that

287

00:14:31,430 --> 00:14:30,000

regularly travel to and from station

288

00:14:32,710 --> 00:14:31,440

will also be coming and going through

289

00:14:34,870 --> 00:14:32,720

the summer

290

00:14:36,550 --> 00:14:34,880

for the on the american segment the u.s

291

00:14:38,710 --> 00:14:36,560

segment

292

00:14:40,629 --> 00:14:38,720

we have the htv

293

00:14:42,470 --> 00:14:40,639

which we're expecting in august

294

00:14:44,710 --> 00:14:42,480

and hopefully then at the end of our

295

00:14:46,870 --> 00:14:44,720

tour on space station we'll get the uh

296

00:14:47,750 --> 00:14:46,880

the orbital science corporation demo

297

00:14:50,310 --> 00:14:47,760

mission

298

00:14:52,389 --> 00:14:50,320

uh kind of hoping for that and the folks

299

00:14:53,269 --> 00:14:52,399

on the ground do all the work in getting

300

00:14:54,389 --> 00:14:53,279

it all

301  
00:14:55,910 --> 00:14:54,399  
coordinated

302  
00:14:57,350 --> 00:14:55,920  
for us we just execute the plan that

303  
00:14:58,629 --> 00:14:57,360  
they give us so

304  
00:15:00,629 --> 00:14:58,639  
for us it

305  
00:15:01,910 --> 00:15:00,639  
the only challenge is is just doing the

306  
00:15:04,710 --> 00:15:01,920  
work

307  
00:15:06,629 --> 00:15:04,720  
that they've planned but the

308  
00:15:17,990 --> 00:15:06,639  
meat of the

309  
00:15:21,110 --> 00:15:19,590  
i know that you'll be performing a very

310  
00:15:32,389 --> 00:15:21,120  
busy russian

311  
00:15:36,150 --> 00:15:33,670  
i know that currently there are some

312  
00:15:38,069 --> 00:15:36,160  
discussions whether or not it's feasible

313  
00:15:40,310 --> 00:15:38,079

to perform an additional eva just to

314

00:15:41,430 --> 00:15:40,320

inspect

315

00:15:59,430 --> 00:15:41,440

the

316

00:16:01,670 --> 00:15:59,440

program

317

00:16:03,829 --> 00:16:01,680

and it says here that

318

00:16:06,790 --> 00:16:03,839

the

319

00:16:08,790 --> 00:16:06,800

wording here goes that our flight

320

00:16:09,829 --> 00:16:08,800

program can be adjusted

321

00:16:11,749 --> 00:16:09,839

uh

322

00:16:12,710 --> 00:16:11,759

depending on the evas that are going to

323

00:16:14,389 --> 00:16:12,720

happen

324

00:16:18,230 --> 00:16:14,399

onboard the station

325

00:16:20,230 --> 00:16:18,240

we have nominal evas already planned

326  
00:16:21,590 --> 00:16:20,240  
that we are going to perform and the

327  
00:16:24,949 --> 00:16:21,600  
tasks

328  
00:16:27,189 --> 00:16:24,959  
of these evas are both scientific and

329  
00:16:28,949 --> 00:16:27,199  
are in our

330  
00:16:32,310 --> 00:16:28,959  
base tasks

331  
00:16:37,670 --> 00:16:34,389  
to replace cables we're going to perform

332  
00:16:40,150 --> 00:16:37,680  
cable routing for the future mlm module

333  
00:16:41,829 --> 00:16:40,160  
and i'm aware of the fact that the

334  
00:16:44,389 --> 00:16:41,839  
russian program can be adjusted

335  
00:16:46,470 --> 00:16:44,399  
depending on the

336  
00:16:49,590 --> 00:16:46,480  
tasks that haven't been performed by

337  
00:16:52,870 --> 00:16:49,600  
previous crews or the tasks that

338  
00:16:56,629 --> 00:16:52,880

occurred or became urgent at some point

339

00:16:58,870 --> 00:16:56,639

of time but we are all crew members and

340

00:17:00,949 --> 00:16:58,880

we are serving one goal

341

00:17:02,230 --> 00:17:00,959

so we will be acting depending on the

342

00:17:05,590 --> 00:17:02,240

situation

343

00:17:06,710 --> 00:17:05,600

yes we have an approved eva

344

00:17:08,789 --> 00:17:06,720

program

345

00:17:10,870 --> 00:17:08,799

and i know that the dates haven't

346

00:17:13,189 --> 00:17:10,880

changed yet if there are some changes

347

00:17:15,829 --> 00:17:13,199

then we will act accordingly

348

00:17:18,710 --> 00:17:15,839

right now we haven't been preparing for

349

00:17:21,110 --> 00:17:18,720

any adjustments because we don't know

350

00:17:26,549 --> 00:17:23,909

i want to add a couple of words

351

00:17:29,830 --> 00:17:26,559

i think you have

352

00:17:29,830 --> 00:17:29,840

participated in the

353

00:17:35,590 --> 00:17:32,549

at the press conference after the

354

00:17:37,669 --> 00:17:35,600

docking i saw you at the mcc actually

355

00:17:38,950 --> 00:17:37,679

and you know that the docking was

356

00:17:40,230 --> 00:17:38,960

nominal

357

00:17:42,789 --> 00:17:40,240

everything went

358

00:17:45,029 --> 00:17:42,799

very well and

359

00:17:48,870 --> 00:17:45,039

i think you heard how the heads of

360

00:17:51,909 --> 00:17:48,880

nergie and roscosmos were saying that

361

00:17:55,510 --> 00:17:53,830

there are two reasons that prevent us

362

00:17:58,830 --> 00:17:55,520

from performing that eva first there is

363

00:18:00,789 --> 00:17:58,840

no workstation set up there

364

00:18:12,950 --> 00:18:00,799

and

365

00:18:15,669 --> 00:18:12,960

reasons of this eva

366

00:18:18,630 --> 00:18:15,679

all of these impede

367

00:18:21,590 --> 00:18:18,640

this decision so maybe it won't be safe

368

00:18:23,909 --> 00:18:21,600

for the crew to perform this extra eva

369

00:18:26,830 --> 00:18:23,919

so i hope that we're going to have some

370

00:18:29,909 --> 00:18:26,840

more detailed information

371

00:18:31,830 --> 00:18:29,919

later but as of today

372

00:18:35,750 --> 00:18:31,840

our specialists are assessing a

373

00:18:37,909 --> 00:18:35,760

possibility to perform this eva

374

00:18:40,150 --> 00:18:37,919

and our specialists are assessing the

375

00:18:42,789 --> 00:18:40,160

condition of the

376

00:18:44,630 --> 00:18:42,799

reflector and they were modeling the

377

00:18:46,150 --> 00:18:44,640

docking

378

00:18:48,950 --> 00:18:46,160

and the

379

00:18:49,830 --> 00:18:48,960

uh mating of two vehicles

380

00:18:50,870 --> 00:18:49,840

and

381

00:18:52,870 --> 00:18:50,880

our specialists were assessing a

382

00:18:56,710 --> 00:18:52,880

possibility of any damage that could

383

00:18:58,710 --> 00:18:56,720

have happened between the station

384

00:19:00,549 --> 00:18:58,720

and the curse antenna

385

00:19:02,710 --> 00:19:00,559

and they have been assessing all the

386

00:19:04,950 --> 00:19:02,720

scenarios possible scenarios that could

387

00:19:06,950 --> 00:19:04,960

have happened at that time

388

00:19:08,710 --> 00:19:06,960

especially with regard to the antenna

389

00:19:10,710 --> 00:19:08,720

that was not deployed

390

00:19:13,669 --> 00:19:10,720

and how it could have

391

00:19:16,150 --> 00:19:13,679

impacted the reflectors installed on the

392

00:19:18,470 --> 00:19:16,160

station and that are really critical for

393

00:19:21,430 --> 00:19:18,480

atv missions

394

00:19:25,510 --> 00:19:21,440

i can tell you that

395

00:19:26,710 --> 00:19:25,520

the analysis was so thorough and

396

00:19:30,070 --> 00:19:26,720

we made

397

00:19:31,270 --> 00:19:30,080

so many efforts to assess

398

00:19:37,430 --> 00:19:31,280

and

399

00:19:42,470 --> 00:19:39,590

we can say that

400

00:19:45,510 --> 00:19:42,480

the impact the contact would have

401  
00:19:48,710 --> 00:19:45,520  
been possible but we do not

402  
00:19:51,430 --> 00:19:48,720  
see any problems with the reflector and

403  
00:19:53,830 --> 00:19:51,440  
our estimations and calculations show

404  
00:19:59,350 --> 00:19:53,840  
that

405  
00:20:00,070 --> 00:19:59,360  
was not even touched by the antenna

406  
00:20:01,990 --> 00:20:00,080  
so

407  
00:20:04,310 --> 00:20:02,000  
as

408  
00:20:07,510 --> 00:20:04,320  
fodder just said the flight program can

409  
00:20:10,390 --> 00:20:07,520  
be adjusted then

410  
00:20:11,909 --> 00:20:10,400  
we will act accordingly however we don't

411  
00:20:14,230 --> 00:20:11,919  
know about any

412  
00:20:16,149 --> 00:20:14,240  
decisions of that

413  
00:20:18,870 --> 00:20:16,159

kind

414

00:20:25,110 --> 00:20:18,880

and maybe their crew will be dealing

415

00:20:29,029 --> 00:20:27,990

so if we have to do it

416

00:20:31,510 --> 00:20:29,039

um

417

00:20:34,390 --> 00:20:31,520

the crew that is currently on board or

418

00:20:35,909 --> 00:20:34,400

this crew who will be on board very soon

419

00:20:39,430 --> 00:20:35,919

will be

420

00:20:41,990 --> 00:20:39,440

acting according to the news situation

421

00:20:43,909 --> 00:20:42,000

so i have some

422

00:20:45,590 --> 00:20:43,919

questions relating

423

00:20:52,310 --> 00:20:45,600

to

424

00:20:53,350 --> 00:20:52,320

the station

425

00:20:55,190 --> 00:20:53,360

so

426  
00:20:58,789 --> 00:20:55,200  
you have already mentioned a couple of

427  
00:21:00,390 --> 00:20:58,799  
words about your crewmates

428  
00:21:02,149 --> 00:21:00,400  
could you please say something about

429  
00:21:03,270 --> 00:21:02,159  
each other what can you say about each

430  
00:21:07,190 --> 00:21:03,280  
other

431  
00:21:11,830 --> 00:21:09,909  
you always have women in your crew it's

432  
00:21:19,510 --> 00:21:11,840  
your preference or it's just a mirror

433  
00:21:21,830 --> 00:21:20,789  
yes

434  
00:21:24,070 --> 00:21:21,840  
actually

435  
00:21:27,029 --> 00:21:24,080  
this question is a big concern for my

436  
00:21:33,110 --> 00:21:29,110  
moreover

437  
00:21:38,870 --> 00:21:35,430  
i was initially assigned to a different

438  
00:21:50,870 --> 00:21:45,990

i think

439

00:21:53,190 --> 00:21:50,880

2011 when i heard that

440

00:21:55,350 --> 00:21:53,200

i will be uh the commander of this crew

441

00:21:57,110 --> 00:21:55,360

so i heard two names luca parmitano and

442

00:22:00,630 --> 00:21:57,120

karen nyberg

443

00:22:03,510 --> 00:22:00,640

um the name karen is the first name of

444

00:22:05,750 --> 00:22:03,520

of a famous russian movie director karen

445

00:22:09,110 --> 00:22:05,760

chuck nazarev so i was thinking

446

00:22:10,789 --> 00:22:09,120

that we will have all men in our crew so

447

00:22:12,950 --> 00:22:10,799

my wife decided to

448

00:22:15,510 --> 00:22:12,960

look her up

449

00:22:17,909 --> 00:22:15,520

on the computer and called me to the

450

00:22:20,470 --> 00:22:17,919

computer and asked me

451  
00:22:22,070 --> 00:22:20,480  
so do you see this man so and what did i

452  
00:22:24,549 --> 00:22:22,080  
see i saw

453  
00:22:31,750 --> 00:22:24,559  
a beautiful a wonderful woman

454  
00:22:37,270 --> 00:22:34,710  
i don't know why there are some

455  
00:22:39,590 --> 00:22:37,280  
untrue legends in russia or

456  
00:22:41,350 --> 00:22:39,600  
superstitions and rush about american

457  
00:22:48,149 --> 00:22:41,360  
women

458  
00:22:50,230 --> 00:22:48,159  
however you need to see her family you

459  
00:22:51,750 --> 00:22:50,240  
need to see her little son and how he

460  
00:22:55,990 --> 00:22:51,760  
loves his mommy

461  
00:22:59,029 --> 00:22:56,000  
because karen is a mother first of all

462  
00:23:01,430 --> 00:22:59,039  
and everything else is secondary

463  
00:23:04,070 --> 00:23:01,440

and being an astronaut is not that

464

00:23:05,510 --> 00:23:04,080

important as being a great mother so

465

00:23:08,149 --> 00:23:05,520

she's a real

466

00:23:09,990 --> 00:23:08,159

woman a real american woman a real

467

00:23:12,390 --> 00:23:10,000

mother

468

00:23:14,630 --> 00:23:12,400

talking about luca no no please don't

469

00:23:17,909 --> 00:23:14,640

talk about me i'm not a woman

470

00:23:20,230 --> 00:23:17,919

yes absolutely true you're not a woman

471

00:23:23,750 --> 00:23:20,240

but the

472

00:23:26,070 --> 00:23:23,760

best quality that i appreciate in him

473

00:23:28,390 --> 00:23:26,080

i already told you that he is an easy

474

00:23:29,270 --> 00:23:28,400

going a very good person

475

00:23:31,110 --> 00:23:29,280

but

476  
00:23:32,950 --> 00:23:31,120  
the most important quality in him that i

477  
00:23:35,669 --> 00:23:32,960  
appreciate is

478  
00:23:38,630 --> 00:23:35,679  
that he is very goal oriented

479  
00:23:41,750 --> 00:23:38,640  
he has a goal at the same time he is a

480  
00:23:45,029 --> 00:23:41,760  
very good family man you really need

481  
00:23:45,750 --> 00:23:45,039  
and you really need to meet his family

482  
00:23:47,830 --> 00:23:45,760  
and

483  
00:23:48,950 --> 00:23:47,840  
what i want to say about all of us is

484  
00:23:51,110 --> 00:23:48,960  
that

485  
00:23:52,230 --> 00:23:51,120  
the most important thing for all of us

486  
00:23:53,669 --> 00:23:52,240  
is our

487  
00:23:55,590 --> 00:23:53,679  
families

488  
00:23:58,070 --> 00:23:55,600

and everything else is secondary karen

489

00:23:59,750 --> 00:23:58,080

is also supported by her husband

490

00:24:01,909 --> 00:23:59,760

and as an astronaut

491

00:24:04,549 --> 00:24:01,919

who is also here

492

00:24:07,029 --> 00:24:04,559

and her son whom i call mr no because

493

00:24:08,950 --> 00:24:07,039

knows his favorite word are absolutely

494

00:24:10,470 --> 00:24:08,960

wonderful but the most important thing

495

00:24:14,230 --> 00:24:10,480

about my crew

496

00:24:14,240 --> 00:24:21,830

yes father is a very good man

497

00:24:26,630 --> 00:24:24,149

yes i would like to hear the opinion of

498

00:24:27,830 --> 00:24:26,640

other crew members as well

499

00:24:31,669 --> 00:24:27,840

luka what can you say about the

500

00:24:36,549 --> 00:24:34,230

i think i already said a couple of words

501  
00:24:40,630 --> 00:24:36,559  
about footer

502  
00:24:40,640 --> 00:24:44,470  
it will be my first time in space

503  
00:24:47,669 --> 00:24:45,350  
and

504  
00:24:49,669 --> 00:24:47,679  
i still don't know

505  
00:24:50,950 --> 00:24:49,679  
what is going to happen how it's going

506  
00:24:53,669 --> 00:24:50,960  
to look like

507  
00:24:58,870 --> 00:24:53,679  
but i'm a very lucky person because i

508  
00:25:02,549 --> 00:25:01,350  
so we started working together and

509  
00:25:04,549 --> 00:25:02,559  
almost

510  
00:25:07,190 --> 00:25:04,559  
immediately after that

511  
00:25:08,950 --> 00:25:07,200  
i learned that footer is not only a

512  
00:25:11,510 --> 00:25:08,960  
great commander but he is a great

513  
00:25:15,269 --> 00:25:11,520

instructor a great teacher

514

00:25:17,909 --> 00:25:15,279

he's so patient he explains everything

515

00:25:19,190 --> 00:25:17,919

with such patients and it's a very

516

00:25:22,470 --> 00:25:19,200

good

517

00:25:25,990 --> 00:25:22,480

and valuable quality for the commander

518

00:25:27,190 --> 00:25:26,000

but above all other things he's a great

519

00:25:28,870 --> 00:25:27,200

friend

520

00:25:35,350 --> 00:25:28,880

he can listen

521

00:25:36,230 --> 00:25:35,360

so

522

00:25:38,630 --> 00:25:36,240

he

523

00:25:41,669 --> 00:25:38,640

wants to know what i think and after

524

00:25:43,669 --> 00:25:41,679

that he makes a decision

525

00:25:47,590 --> 00:25:43,679

he's the commander so he's responsible

526  
00:25:50,070 --> 00:25:47,600  
for decision making but his

527  
00:25:52,310 --> 00:25:50,080  
ability to listen to other opinions and

528  
00:25:54,390 --> 00:25:52,320  
his desire to listen to other opinions

529  
00:25:56,870 --> 00:25:54,400  
is absolutely invaluable

530  
00:25:59,510 --> 00:25:56,880  
it's wonderful

531  
00:26:01,430 --> 00:25:59,520  
i'm honored to

532  
00:26:06,630 --> 00:26:01,440  
be able to fly with such an experienced

533  
00:26:06,640 --> 00:26:12,710  
and he knows a lot and i've heard

534  
00:26:16,630 --> 00:26:15,029  
that he is a very very experienced

535  
00:26:19,029 --> 00:26:16,640  
cosmonaut

536  
00:26:21,269 --> 00:26:19,039  
i was also asked a question is federer a

537  
00:26:24,470 --> 00:26:21,279  
tough commander yes i can say his tough

538  
00:26:25,669 --> 00:26:24,480

but a commander should be tough talking

539

00:26:28,230 --> 00:26:25,679

about karen

540

00:26:30,950 --> 00:26:28,240

i can say that we have been working

541

00:26:33,590 --> 00:26:30,960

together for three years she's like my

542

00:26:36,230 --> 00:26:33,600

sister right now

543

00:26:39,190 --> 00:26:36,240

she has been in space

544

00:26:39,990 --> 00:26:39,200

some years ago

545

00:26:42,870 --> 00:26:40,000

and

546

00:26:45,430 --> 00:26:42,880

she of course knows a little bit more

547

00:26:51,430 --> 00:26:45,440

than i do about the space

548

00:26:56,149 --> 00:26:53,830

but at the same time she told me that

549

00:26:58,630 --> 00:26:56,159

she had a feeling that everything will

550

00:27:00,789 --> 00:26:58,640

be new onboard the station

551  
00:27:03,830 --> 00:27:00,799  
so she's my elder sister

552  
00:27:06,470 --> 00:27:03,840  
and i'm a younger brother for her

553  
00:27:08,070 --> 00:27:06,480  
and as an elder sister she will always

554  
00:27:10,149 --> 00:27:08,080  
explain

555  
00:27:12,549 --> 00:27:10,159  
new things to me and will always say

556  
00:27:16,950 --> 00:27:12,559  
everything is going to be okay

557  
00:27:20,950 --> 00:27:18,549  
so for me it's

558  
00:27:21,750 --> 00:27:20,960  
a great thing

559  
00:27:24,950 --> 00:27:21,760  
it's

560  
00:27:28,149 --> 00:27:24,960  
like being in your one big family i

561  
00:27:30,230 --> 00:27:28,159  
would like to greet my family over there

562  
00:27:32,230 --> 00:27:30,240  
my father and my wife are sitting over

563  
00:27:33,430 --> 00:27:32,240

there they don't understand russian and

564

00:27:34,630 --> 00:27:33,440

they don't understand what i'm saying

565

00:27:36,470 --> 00:27:34,640

right now but

566

00:27:38,310 --> 00:27:36,480

i will tell them later

567

00:27:40,470 --> 00:27:38,320

for me one of the most important things

568

00:27:42,310 --> 00:27:40,480

when a group gets together to to work

569

00:27:43,750 --> 00:27:42,320

and get the job done is maintaining a

570

00:27:45,669 --> 00:27:43,760

sense of humor

571

00:27:48,630 --> 00:27:45,679

and being able to tease each other and

572

00:27:51,269 --> 00:27:48,640

joke with each other and i think we are

573

00:27:52,950 --> 00:27:51,279

able to do that well and

574

00:27:56,070 --> 00:27:52,960

like luca said in that way we become

575

00:28:11,190 --> 00:27:56,080

family and it just it makes it easier to

576

00:28:14,630 --> 00:28:13,029

did you already talk to pavel

577

00:28:16,870 --> 00:28:14,640

vinogradov's crew

578

00:28:19,430 --> 00:28:16,880

no i would like to say a couple of words

579

00:28:23,110 --> 00:28:20,870

initially we were

580

00:28:25,350 --> 00:28:23,120

planning to do the following thing first

581

00:28:26,549 --> 00:28:25,360

we wanted to perform the first test

582

00:28:29,590 --> 00:28:26,559

then

583

00:28:32,470 --> 00:28:29,600

we need some time for analysis and if

584

00:28:34,470 --> 00:28:32,480

the analysis results are good and

585

00:28:36,950 --> 00:28:34,480

positive

586

00:28:44,230 --> 00:28:37,669

it

587

00:28:46,789 --> 00:28:45,190

so

588

00:28:48,310 --> 00:28:46,799

initially it was planned that pavel

589

00:28:49,830 --> 00:28:48,320

vinogradovs will be the first crew

590

00:28:52,149 --> 00:28:49,840

flying uh according to the first

591

00:28:55,269 --> 00:28:52,159

rendezvous profile then we will have two

592

00:28:56,789 --> 00:28:55,279

regular uh profiles and after that we

593

00:29:01,269 --> 00:28:56,799

might go back to the fast rendezvous

594

00:29:05,110 --> 00:29:02,870

talking about the fast rendezvous

595

00:29:07,909 --> 00:29:05,120

profile it's

596

00:29:11,669 --> 00:29:07,919

a complicated thing but actually we have

597

00:29:15,830 --> 00:29:11,679

known about that profile long ago

598

00:29:17,830 --> 00:29:15,840

and we could have done that even earlier

599

00:29:18,710 --> 00:29:17,840

however

600

00:29:20,310 --> 00:29:18,720

all

601  
00:29:23,510 --> 00:29:20,320  
new

602  
00:29:26,470 --> 00:29:23,520  
additions or innovations especially in

603  
00:29:29,269 --> 00:29:26,480  
terms of space facilities space

604  
00:29:31,590 --> 00:29:29,279  
equipment hardware everybody is very

605  
00:29:36,549 --> 00:29:31,600  
concerned about

606  
00:29:40,950 --> 00:29:39,190  
so maybe sometime in summer that

607  
00:29:42,310 --> 00:29:40,960  
probably

608  
00:29:45,269 --> 00:29:42,320  
we might fly

609  
00:29:47,909 --> 00:29:45,279  
according to the fast rendezvous profile

610  
00:29:50,710 --> 00:29:47,919  
and i asked my crew to learn their

611  
00:29:53,990 --> 00:29:50,720  
opinion i wanted my crew to support me

612  
00:29:56,070 --> 00:29:54,000  
because i was um

613  
00:30:00,950 --> 00:29:56,080

going to fly the fast rendezvous profile

614

00:30:06,630 --> 00:30:03,830

my flight engineers could have told me

615

00:30:09,669 --> 00:30:06,640

that the old

616

00:30:12,630 --> 00:30:09,679

regular profile was okay for them

617

00:30:17,590 --> 00:30:12,640

however they supported me

618

00:30:19,350 --> 00:30:17,600

and the fast rendezvous profile implies

619

00:30:21,830 --> 00:30:19,360

more tasks for

620

00:30:23,430 --> 00:30:21,840

flight engineers but they agreed to do

621

00:30:25,269 --> 00:30:23,440

them

622

00:30:28,789 --> 00:30:25,279

and we would also like to thank all our

623

00:30:30,870 --> 00:30:28,799

instructors and gtc

624

00:30:32,149 --> 00:30:30,880

specialists who supported us who trained

625

00:30:34,549 --> 00:30:32,159

us

626  
00:30:39,110 --> 00:30:36,710  
want to say that

627  
00:30:40,549 --> 00:30:39,120  
there are some people who took all the

628  
00:30:41,909 --> 00:30:40,559  
responsibility

629  
00:30:45,830 --> 00:30:41,919  
on themselves

630  
00:30:48,230 --> 00:30:45,840  
and we as a crew are going to perform

631  
00:30:49,750 --> 00:30:48,240  
this profile it's our desire to fly

632  
00:30:50,789 --> 00:30:49,760  
according to this fast rendezvous

633  
00:30:56,630 --> 00:30:50,799  
profile

634  
00:31:01,990 --> 00:30:57,430  
so

635  
00:31:05,909 --> 00:31:02,000  
not remember that

636  
00:31:07,350 --> 00:31:05,919  
soyuz vehicles to the salute uh orbital

637  
00:31:09,590 --> 00:31:07,360  
station we're flying according to

638  
00:31:11,509 --> 00:31:09,600

fostering the profile so it took them

639

00:31:14,070 --> 00:31:11,519

only one day

640

00:31:16,710 --> 00:31:14,080

to dock after the launch

641

00:31:18,950 --> 00:31:16,720

after that we decided to have more

642

00:31:22,310 --> 00:31:18,960

redundancy in our systems

643

00:31:26,230 --> 00:31:23,509

we

644

00:31:28,389 --> 00:31:26,240

at that time temporarily switch to the

645

00:31:30,789 --> 00:31:28,399

two-day

646

00:31:36,230 --> 00:31:30,799

rendezvous profile

647

00:31:36,240 --> 00:31:38,549

it's

648

00:31:43,909 --> 00:31:40,630

an old scheme well

649

00:31:47,350 --> 00:31:43,919

it depends what you mean by old and new

650

00:31:50,950 --> 00:31:47,360

so right now using all the

651  
00:31:53,590 --> 00:31:50,960  
modern hardware and technologies

652  
00:31:56,710 --> 00:31:53,600  
we can reduce the

653  
00:31:59,750 --> 00:31:56,720  
flight of the vehicle

654  
00:32:01,110 --> 00:31:59,760  
and several times right now the new calm

655  
00:32:03,269 --> 00:32:01,120  
facilities

656  
00:32:04,710 --> 00:32:03,279  
allow us to

657  
00:32:09,029 --> 00:32:04,720  
perform

658  
00:32:13,990 --> 00:32:12,149  
i remember that many years ago

659  
00:32:15,430 --> 00:32:14,000  
i was participating in some discussions

660  
00:32:17,509 --> 00:32:15,440  
regarding

661  
00:32:19,430 --> 00:32:17,519  
the fast rendezvous

662  
00:32:21,269 --> 00:32:19,440  
and there were some suggestions that

663  
00:32:23,830 --> 00:32:21,279

maybe we should have

664

00:32:26,310 --> 00:32:23,840

two or three orbit

665

00:32:27,269 --> 00:32:26,320

rendezvous as well so we were assessing

666

00:32:39,909 --> 00:32:27,279

that

667

00:32:54,870 --> 00:32:39,919

docking right now is 40 plus minutes

668

00:32:58,789 --> 00:32:56,630

we are using the scheme that was

669

00:33:00,950 --> 00:32:58,799

developed some time ago so we're just

670

00:33:02,789 --> 00:33:00,960

using something that was invented some

671

00:33:04,710 --> 00:33:02,799

time ago

672

00:33:06,950 --> 00:33:04,720

the only thing here is that we should be

673

00:33:08,149 --> 00:33:06,960

more sensitive to the exact time of the

674

00:33:11,430 --> 00:33:08,159

launch

675

00:33:14,789 --> 00:33:11,440

and uh the timing itself

676  
00:33:16,950 --> 00:33:14,799  
so we also have redundancy during this

677  
00:33:22,389 --> 00:33:16,960  
fast rendezvous profile

678  
00:33:27,110 --> 00:33:24,549  
yes i wanted to ask this question first

679  
00:33:33,190 --> 00:33:29,590  
how will you celebrate the victory day

680  
00:33:34,070 --> 00:33:33,200  
may 9th tomorrow what will you do

681  
00:33:36,710 --> 00:33:34,080  
um

682  
00:33:38,230 --> 00:33:36,720  
what luca and karen will do at baikonur

683  
00:33:41,669 --> 00:33:38,240  
you haven't been there yet no we have

684  
00:33:46,870 --> 00:33:44,870  
so will your families be with you there

685  
00:33:49,909 --> 00:33:46,880  
of course definitely

686  
00:33:52,549 --> 00:33:49,919  
first i wanted to thank our american

687  
00:33:53,830 --> 00:33:52,559  
counterparts

688  
00:33:55,830 --> 00:33:53,840

because

689

00:33:58,470 --> 00:33:55,840

earlier we

690

00:34:00,789 --> 00:33:58,480

did not have that at all it's a new

691

00:34:04,149 --> 00:34:00,799

tradition for us so if you're talking

692

00:34:07,269 --> 00:34:04,159

about some soviet traditions families

693

00:34:09,829 --> 00:34:07,279

were not allowed to go to biokenor

694

00:34:13,510 --> 00:34:09,839

so the first time i experienced that in

695

00:34:17,109 --> 00:34:13,520

2001 when i started my training

696

00:34:18,470 --> 00:34:17,119

in houston and i saw how

697

00:34:20,470 --> 00:34:18,480

nasa

698

00:34:24,629 --> 00:34:20,480

management treated the families of

699

00:34:26,389 --> 00:34:24,639

astronauts and how sensitive they were

700

00:34:27,990 --> 00:34:26,399

to their needs

701  
00:34:30,310 --> 00:34:28,000  
so i

702  
00:34:34,069 --> 00:34:30,320  
raised the question

703  
00:34:37,430 --> 00:34:34,079  
uh here in russia and in the year 2002

704  
00:34:40,389 --> 00:34:37,440  
my family was able to go to baikonur so

705  
00:34:42,389 --> 00:34:40,399  
slowly but surely our families uh

706  
00:34:43,909 --> 00:34:42,399  
started going to baikonur it's a great

707  
00:34:46,149 --> 00:34:43,919  
tradition actually because they are able

708  
00:34:48,389 --> 00:34:46,159  
to support us there at such an important

709  
00:34:50,950 --> 00:34:48,399  
moment so our families are here

710  
00:34:53,349 --> 00:34:50,960  
mr savin is also here

711  
00:34:54,950 --> 00:34:53,359  
he knows all the rules and regulations

712  
00:34:58,790 --> 00:34:54,960  
and he follows their

713  
00:35:02,870 --> 00:34:58,800

performance as well implementation

714

00:35:05,430 --> 00:35:02,880

and he is responsible for our families

715

00:35:07,589 --> 00:35:05,440

trips to baikonur

716

00:35:08,790 --> 00:35:07,599

so this is

717

00:35:10,950 --> 00:35:08,800

the holiday

718

00:35:15,510 --> 00:35:10,960

of

719

00:35:16,470 --> 00:35:15,520

european families

720

00:35:22,870 --> 00:35:16,480

i mean

721

00:35:26,870 --> 00:35:24,870

we are

722

00:35:27,750 --> 00:35:26,880

very happy

723

00:35:30,069 --> 00:35:27,760

that

724

00:35:34,630 --> 00:35:30,079

we can

725

00:35:38,470 --> 00:35:36,150

we know that they're

726

00:35:39,670 --> 00:35:38,480

very close to us and they can see our

727

00:35:40,710 --> 00:35:39,680

lunch

728

00:35:44,870 --> 00:35:40,720

it's

729

00:35:47,510 --> 00:35:44,880

a fantastic psychological support

730

00:35:49,910 --> 00:35:47,520

i'm very happy that

731

00:35:56,310 --> 00:35:49,920

they can go to baikonur and i absolutely

732

00:36:00,950 --> 00:35:58,230

so who uh

733

00:36:02,790 --> 00:36:00,960

will go with you to bacon or karen for

734

00:36:05,910 --> 00:36:02,800

my family my um my husband will be in

735

00:36:08,150 --> 00:36:05,920

baikonur uh to see my lunch and see me

736

00:36:10,150 --> 00:36:08,160

off and also my youngest brother

737

00:36:13,910 --> 00:36:10,160

will be there as well along with a few

738

00:36:16,950 --> 00:36:16,230

thank you very much

739

00:36:18,630 --> 00:36:16,960

i

740

00:36:21,109 --> 00:36:18,640

wanted to add that

741

00:36:22,550 --> 00:36:21,119

according to

742

00:36:24,870 --> 00:36:22,560

our tradition

743

00:36:26,630 --> 00:36:24,880

the prime and backup crew will go to the

744

00:36:28,550 --> 00:36:26,640

cosmological museum

745

00:36:29,670 --> 00:36:28,560

and after that they will go to the red

746

00:36:31,430 --> 00:36:29,680

square

747

00:36:33,670 --> 00:36:31,440

yes you can take

748

00:36:44,150 --> 00:36:33,680

the seats here the backup crew

749

00:36:47,910 --> 00:36:46,230

this is our previous flight please say

750

00:36:49,510 --> 00:36:47,920

hello to them

751  
00:36:51,270 --> 00:36:49,520  
when he sees them on board the station

752  
00:36:52,630 --> 00:36:51,280  
here is the pen

753  
00:36:58,390 --> 00:36:52,640  
yes could you please write something on

754  
00:36:58,400 --> 00:37:02,790  
please read what they're writing

755  
00:37:06,150 --> 00:37:03,589  
so

756  
00:37:17,510 --> 00:37:06,160  
don't write the same thing

757  
00:37:17,520 --> 00:37:33,109  
you know already

758  
00:37:33,119 --> 00:37:36,870  
thank you

759  
00:37:36,880 --> 00:37:50,150  
good memory

760  
00:37:50,160 --> 00:38:04,630  
it's good

761  
00:38:04,640 --> 00:38:40,310  
hmm

762  
00:38:40,320 --> 00:38:53,829  
yes

763  
00:38:53,839 --> 00:39:03,510

here

764

00:39:03,520 --> 00:39:06,870

please stand like this

765

00:39:06,880 --> 00:39:20,630

there's no doubt

766

00:40:20,630 --> 00:39:22,390

i'm not sure we're going into a building

767

00:40:20,640 --> 00:40:28,390

they kept fighting

768

00:40:38,630 --> 00:40:29,990

yes all together

769

00:41:46,550 --> 00:40:53,030

so

770

00:41:46,560 --> 00:42:19,349

hmm

771

00:42:30,550 --> 00:42:21,910

what are you looking at

772

00:42:34,630 --> 00:42:32,790

karen nyberg we're here at red square

773

00:42:36,710 --> 00:42:34,640

and the kremlin today may 8th can you

774

00:42:38,950 --> 00:42:36,720

talk about some of the traditions in

775

00:42:40,470 --> 00:42:38,960

coming here and you were here six months

776  
00:42:42,230 --> 00:42:40,480  
ago as a member of a backup crew and

777  
00:42:44,390 --> 00:42:42,240  
what's that like for you now as you're

778  
00:42:46,309 --> 00:42:44,400  
getting ready for your own space flight

779  
00:42:49,990 --> 00:42:46,319  
you're right this place is is rich with

780  
00:42:52,150 --> 00:42:50,000  
traditions before a soyuz flight and uh

781  
00:42:53,589 --> 00:42:52,160  
we're now here at red square

782  
00:42:56,550 --> 00:42:53,599  
the kremlin one of the main things we

783  
00:42:57,589 --> 00:42:56,560  
did was lay flowers at the tomb of some

784  
00:42:59,430 --> 00:42:57,599  
fallen

785  
00:43:01,589 --> 00:42:59,440  
space pioneers basically

786  
00:43:03,589 --> 00:43:01,599  
and uh it's a great tradition when i was

787  
00:43:05,430 --> 00:43:03,599  
here in december it was the first time

788  
00:43:07,030 --> 00:43:05,440

that i'd been a part of it and it was it

789

00:43:08,870 --> 00:43:07,040

was pretty exciting of course it was

790

00:43:10,150 --> 00:43:08,880

snowing then and it was awfully cold

791

00:43:11,430 --> 00:43:10,160

it's a little different today of course

792

00:43:13,750 --> 00:43:11,440

today the beautiful the weather is

793

00:43:15,349 --> 00:43:13,760

beautiful but being a part of these uh

794

00:43:16,390 --> 00:43:15,359

traditions that the that the russians

795

00:43:17,670 --> 00:43:16,400

have been doing for so many years is

796

00:43:19,589 --> 00:43:17,680

really an honor

797

00:43:21,510 --> 00:43:19,599

and we saw actually outside you were

798

00:43:23,349 --> 00:43:21,520

laying uh some flowers at what looked

799

00:43:25,190 --> 00:43:23,359

like a tomb of the unknown soldier and

800

00:43:27,190 --> 00:43:25,200

there was a parade celebration going on

801  
00:43:28,950 --> 00:43:27,200  
can you describe what was going on well

802  
00:43:29,910 --> 00:43:28,960  
tomorrow is victory day here in russia

803  
00:43:30,870 --> 00:43:29,920  
and so

804  
00:43:32,550 --> 00:43:30,880  
um

805  
00:43:34,950 --> 00:43:32,560  
it's a very big holiday for them in

806  
00:43:36,870 --> 00:43:34,960  
celebrating and um our commander fyodor

807  
00:43:37,829 --> 00:43:36,880  
uchicken wanted to

808  
00:43:40,230 --> 00:43:37,839  
honor

809  
00:43:43,510 --> 00:43:40,240  
fallen soldiers today by playing flowers

810  
00:43:47,349 --> 00:43:45,910  
karen you're here with your son

811  
00:43:48,950 --> 00:43:47,359  
and this is a real

812  
00:43:50,550 --> 00:43:48,960  
additional challenge and all of the

813  
00:43:51,910 --> 00:43:50,560

training you've gone through for space

814

00:43:53,589 --> 00:43:51,920

flight to bring

815

00:43:55,349 --> 00:43:53,599

bring this little guy out here and can

816

00:43:58,230 --> 00:43:55,359

you talk about what it's like to be a

817

00:43:59,829 --> 00:43:58,240

mom in training for space flight and in

818

00:44:01,430 --> 00:43:59,839

preparation for your mission and how are

819

00:44:02,870 --> 00:44:01,440

you going to be able to work with uh

820

00:44:04,630 --> 00:44:02,880

with this little guy once you're on

821

00:44:06,470 --> 00:44:04,640

board well it's definitely a different

822

00:44:08,390 --> 00:44:06,480

challenge than what i had

823

00:44:09,349 --> 00:44:08,400

for my shuttle flight having having the

824

00:44:11,510 --> 00:44:09,359

family

825

00:44:13,030 --> 00:44:11,520

and

826

00:44:15,349 --> 00:44:13,040

i've tried to bring him with me to

827

00:44:17,750 --> 00:44:15,359

russia as much as i can because just so

828

00:44:19,270 --> 00:44:17,760

i can spend as much time with him and

829

00:44:20,870 --> 00:44:19,280

we try to talk to him about where i'm

830

00:44:22,150 --> 00:44:20,880

going and what i'm doing and you know

831

00:44:24,790 --> 00:44:22,160

you never know how much a three-year-old

832

00:44:26,069 --> 00:44:24,800

understands but he he just earlier today

833

00:44:28,950 --> 00:44:26,079

said he wants to be an astronaut when he

834

00:44:33,109 --> 00:44:30,710

i think we'll have good communication

835

00:44:35,190 --> 00:44:33,119

with him when i'm on orbit so and

836

00:44:46,470 --> 00:44:35,200

hopefully someday he can talk about how

837

00:44:49,510 --> 00:44:47,349

so

838

00:44:51,430 --> 00:44:49,520

before right after the commissioning

839

00:44:53,910 --> 00:44:51,440

which is when we are actually cleared

840

00:44:56,550 --> 00:44:53,920

for flight uh this is a traditional trip

841

00:44:57,990 --> 00:44:56,560

that we do here in uh at the red square

842

00:45:03,430 --> 00:44:58,000

to

843

00:45:06,550 --> 00:45:03,440

people for for a russian space flight

844

00:45:08,950 --> 00:45:06,560

so what we do is we carry uh we carried

845

00:45:10,950 --> 00:45:08,960

these flowers to the tomb of caroliov

846

00:45:13,430 --> 00:45:10,960

which is that was the chief desi

847

00:45:14,790 --> 00:45:13,440

designer at the time of gagan's first

848

00:45:16,710 --> 00:45:14,800

flight

849

00:45:19,030 --> 00:45:16,720

so that's the first time that we visit

850

00:45:21,030 --> 00:45:19,040

we we let the flowers

851  
00:45:24,150 --> 00:45:21,040  
we salute him we think about it and then

852  
00:45:26,470 --> 00:45:24,160  
we we move over to the guaran's tomb

853  
00:45:28,870 --> 00:45:26,480  
which of course is one of the greatest

854  
00:45:31,270 --> 00:45:28,880  
hero in russian history is the first man

855  
00:45:34,390 --> 00:45:31,280  
who ever flew around around the earth

856  
00:45:35,990 --> 00:45:34,400  
after that we pay homage to uh five more

857  
00:45:37,910 --> 00:45:36,000  
cosmonauts who

858  
00:45:40,950 --> 00:45:37,920  
uh have done something

859  
00:45:44,069 --> 00:45:40,960  
so special to to uh to have a

860  
00:45:46,309 --> 00:45:44,079  
place of honor here at the kremlin so um

861  
00:45:49,109 --> 00:45:46,319  
we have the the crew that flew on the

862  
00:45:51,190 --> 00:45:49,119  
first space the space station uh um an

863  
00:45:54,630 --> 00:45:51,200

astronaut the cosmonaut that died uh

864

00:45:57,430 --> 00:45:54,640

during experiment and so on but today

865

00:45:59,589 --> 00:45:57,440

we actually had a special event because

866

00:46:02,069 --> 00:45:59,599

uh at this time of the year russia

867

00:46:03,829 --> 00:46:02,079

celebrates the day of victory which is

868

00:46:07,349 --> 00:46:03,839

their way of celebrating the end of the

869

00:46:09,589 --> 00:46:07,359

great war world war ii so

870

00:46:12,230 --> 00:46:09,599

today a lot of a lot of

871

00:46:14,790 --> 00:46:12,240

delegations are paying their homage to

872

00:46:17,270 --> 00:46:14,800

the tomb of the unknown soldier so my

873

00:46:19,430 --> 00:46:17,280

commander philadelphia actually

874

00:46:20,230 --> 00:46:19,440

organized this special event where we

875

00:46:21,430 --> 00:46:20,240

went

876

00:46:23,670 --> 00:46:21,440

and salute

877

00:46:25,510 --> 00:46:23,680

the tomb of the non-soldier now

878

00:46:27,589 --> 00:46:25,520

especially for me as a military that is

879

00:46:29,270 --> 00:46:27,599

an incredible honor to be able to do

880

00:46:30,470 --> 00:46:29,280

that in a formal environment in a formal

881

00:46:33,430 --> 00:46:30,480

way so

882

00:46:34,230 --> 00:46:33,440

it was a very a very intense moment for