

**Томас МАШБЁРН**  
Thomas MARSHBURN

**Роман РОМАНЕНКО**  
Roman ROMANENKO



1  
00:00:12,310 --> 00:00:10,549  
good afternoon again

2  
00:00:13,830 --> 00:00:12,320  
we would like to start our press

3  
00:00:14,910 --> 00:00:13,840  
conference

4  
00:00:18,790 --> 00:00:14,920  
iss

5  
00:00:19,830 --> 00:00:18,800  
3435 expeditions allow me to introduce

6  
00:00:22,230 --> 00:00:19,840  
you

7  
00:00:23,590 --> 00:00:22,240  
the crew members roman romanenko

8  
00:00:25,509 --> 00:00:23,600  
commander

9  
00:00:27,670 --> 00:00:25,519  
for soyuz

10  
00:00:31,990 --> 00:00:27,680  
t soyuz tma

11  
00:00:34,470 --> 00:00:32,000  
flight engineer for iss 3435 roscosmos

12  
00:00:37,350 --> 00:00:34,480  
russia chris hadfield flight engineer

13  
00:00:41,030 --> 00:00:37,360

for soyuz and flight in

14

00:00:44,549 --> 00:00:41,040

and commander for expedition 3435

15

00:00:46,630 --> 00:00:44,559

topaz mashburn flight engineer 2

16

00:00:47,510 --> 00:00:46,640

for soyuz

17

00:00:51,029 --> 00:00:47,520

and

18

00:00:53,670 --> 00:00:51,039

flight engineer expedition 3435 nasa

19

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

united states backup crew

20

00:01:00,549 --> 00:00:55,520

commander

21

00:01:08,310 --> 00:01:04,789

and flight engineer for expedition 34 35

22

00:01:11,030 --> 00:01:08,320

was cosmos russia luca parmitano flight

23

00:01:15,590 --> 00:01:11,040

engineer for soyuz and the flight

24

00:01:17,510 --> 00:01:15,600

engineer for expedition 3435 esa italy

25

00:01:20,789 --> 00:01:17,520

karen nyberg

26  
00:01:24,630 --> 00:01:20,799  
flight engineer 2 for soyuz and flight

27  
00:01:27,670 --> 00:01:24,640  
engineer for expedition 3435 nasa united

28  
00:01:31,350 --> 00:01:27,680  
states dear friends

29  
00:01:34,789 --> 00:01:31,360  
according to the resolution of the

30  
00:01:39,350 --> 00:01:34,799  
joint commission we will hear the report

31  
00:01:42,389 --> 00:01:39,360  
from mr kriegel of the head of gctc

32  
00:01:46,149 --> 00:01:42,399  
we have reviewed the results of training

33  
00:01:48,950 --> 00:01:46,159  
and the examinations that the crews took

34  
00:01:52,310 --> 00:01:48,960  
we made the decision

35  
00:01:56,709 --> 00:01:54,149  
has passed successfully all their

36  
00:01:58,630 --> 00:01:56,719  
examinations and examination

37  
00:02:01,590 --> 00:01:58,640  
training and simulations they have

38  
00:02:04,389 --> 00:02:01,600

completed the training course for soyuz

39

00:02:07,350 --> 00:02:04,399

and for the russian segment of the iss

40

00:02:09,990 --> 00:02:07,360

the crew is prepared for flight and

41

00:02:12,869 --> 00:02:10,000

is cleared to continue their preparation

42

00:02:15,430 --> 00:02:12,879

for flight at baikonur this decision was

43

00:02:18,949 --> 00:02:15,440

made less than an hour ago

44

00:02:22,630 --> 00:02:18,959

and the crew is scheduled to fly to

45

00:02:24,790 --> 00:02:22,640

baikonur on december 26th

46

00:02:30,309 --> 00:02:24,800

december 6.

47

00:02:30,319 --> 00:02:32,710

please

48

00:02:38,309 --> 00:02:35,750

ria novosti my question is the

49

00:02:40,070 --> 00:02:38,319

traditional for all crew members of the

50

00:02:41,270 --> 00:02:40,080

prime crew

51

00:02:43,830 --> 00:02:41,280

many

52

00:02:43,840 --> 00:02:47,910

have flown in space

53

00:02:52,150 --> 00:02:49,830

before who will be selecting your

54

00:02:54,550 --> 00:02:52,160

weightlessness indicator and

55

00:02:57,990 --> 00:02:54,560

what the interesting items are you

56

00:03:02,149 --> 00:03:00,309

thank you for your question

57

00:03:03,270 --> 00:03:02,159

traditionally it is true

58

00:03:06,710 --> 00:03:03,280

that the

59

00:03:13,910 --> 00:03:09,430

all space crews that fly to the iss

60

00:03:17,110 --> 00:03:15,670

the weightlessness indicator that they

61

00:03:18,550 --> 00:03:17,120

keep in

62

00:03:27,110 --> 00:03:18,560

their area

63

00:03:32,149 --> 00:03:29,509

bring a small

64

00:03:34,630 --> 00:03:32,159

toy dog from the russian television show

65

00:03:36,470 --> 00:03:34,640

for children i don't imagine

66

00:03:38,710 --> 00:03:36,480

that

67

00:03:42,710 --> 00:03:38,720

there will be

68

00:03:45,750 --> 00:03:42,720

objections from my fellow crew members

69

00:03:50,390 --> 00:03:45,760

to use that toy as a sweatlessness

70

00:03:54,869 --> 00:03:52,309

as far as other items are concerned we

71

00:03:58,830 --> 00:03:54,879

normally bring letters

72

00:04:09,350 --> 00:04:02,149

maybe christmas cards and small family

73

00:04:14,630 --> 00:04:12,309

any other ones no there is only one

74

00:04:24,070 --> 00:04:14,640

weightlessness indicator

75

00:04:28,150 --> 00:04:25,749

if you said that you're bringing letters

76

00:04:30,310 --> 00:04:28,160

are they going to be paper letters or

77

00:04:31,990 --> 00:04:30,320

maybe on a memory stick

78

00:04:37,110 --> 00:04:32,000

well

79

00:04:42,390 --> 00:04:39,990

and then the crew will be receiving more

80

00:04:44,950 --> 00:04:42,400

letters paper letters with other

81

00:04:46,469 --> 00:04:44,960

visiting vehicles but muskoke television

82

00:04:48,469 --> 00:04:46,479

station my name is tatyana my

83

00:04:50,390 --> 00:04:48,479

traditional question

84

00:05:02,390 --> 00:04:50,400

what do you expect from the current

85

00:05:06,629 --> 00:05:03,510

as you

86

00:05:08,870 --> 00:05:06,639

said this is not our first flight

87

00:05:10,790 --> 00:05:08,880

we are very

88

00:05:12,629 --> 00:05:10,800

lucky to have flown

89

00:05:14,710 --> 00:05:12,639

in space before i've

90

00:05:16,629 --> 00:05:14,720

been many years ago i flew to the mere

91

00:05:19,189 --> 00:05:16,639

space station and now i got another

92

00:05:20,950 --> 00:05:19,199

chance to fly in space

93

00:05:22,390 --> 00:05:20,960

this is

94

00:05:28,790 --> 00:05:22,400

excellent

95

00:05:34,310 --> 00:05:32,310

this time is different because this time

96

00:05:38,710 --> 00:05:34,320

we'll have

97

00:05:42,950 --> 00:05:38,720

earth will have the time

98

00:05:47,189 --> 00:05:42,960

to experience new situations and

99

00:05:56,390 --> 00:05:50,310

we spent a lot of years here on earth

100

00:06:04,710 --> 00:05:58,309

and so this is new

101  
00:06:04,720 --> 00:06:09,590  
that this time we'll have the chance

102  
00:06:13,830 --> 00:06:11,830  
to experience space

103  
00:06:14,629 --> 00:06:13,840  
to a greater degree

104  
00:06:17,350 --> 00:06:14,639  
well

105  
00:06:19,110 --> 00:06:17,360  
as the guys are preparing to answer this

106  
00:06:20,629 --> 00:06:19,120  
question i can tell you that the

107  
00:06:22,550 --> 00:06:20,639  
difference is huge between a short

108  
00:06:24,070 --> 00:06:22,560  
duration flight and a long duration

109  
00:06:26,790 --> 00:06:24,080  
flight

110  
00:06:28,469 --> 00:06:26,800  
so they will feel the difference and

111  
00:06:30,309 --> 00:06:28,479  
i'm a little jealous

112  
00:06:32,150 --> 00:06:30,319  
just

113  
00:06:33,830 --> 00:06:32,160

in a certain sense on the one hand it

114

00:06:37,189 --> 00:06:33,840

will be difficult and challenging on the

115

00:06:39,990 --> 00:06:37,199

other hand it will be very exciting

116

00:06:44,710 --> 00:06:41,990

cosmos newspaper please

117

00:06:46,469 --> 00:06:44,720

yes you have a busy schedule

118

00:06:48,950 --> 00:06:46,479

first of all

119

00:06:51,029 --> 00:06:48,960

i saw that on your schedule you have

120

00:06:53,189 --> 00:06:51,039

station outfitting what does that mean

121

00:06:55,350 --> 00:06:53,199

and also if there are any evas who will

122

00:06:56,950 --> 00:06:55,360

be performing then and

123

00:06:58,870 --> 00:06:56,960

in addition to the experiments that we

124

00:07:00,830 --> 00:06:58,880

have already seen are you planning to do

125

00:07:04,390 --> 00:07:00,840

anything new

126  
00:07:07,270 --> 00:07:04,400  
yes during our flight we will

127  
00:07:08,390 --> 00:07:07,280  
be performing new experiments

128  
00:07:12,550 --> 00:07:08,400  
for

129  
00:07:12,560 --> 00:07:19,110  
mostly

130  
00:07:24,469 --> 00:07:22,629  
taking outside the new

131  
00:07:26,309 --> 00:07:24,479  
equipment

132  
00:07:27,670 --> 00:07:26,319  
for the scientific experiments outside

133  
00:07:30,710 --> 00:07:27,680  
the station

134  
00:07:31,990 --> 00:07:30,720  
we'll put out the new antenna

135  
00:07:33,749 --> 00:07:32,000  
and

136  
00:07:36,150 --> 00:07:33,759  
we will collect the results from the

137  
00:07:37,990 --> 00:07:36,160  
previous experiments that have been

138  
00:07:41,589 --> 00:07:38,000

exposed to space

139

00:07:47,110 --> 00:07:45,270

outside the iss

140

00:07:49,830 --> 00:07:47,120

and bring it back inside so that on the

141

00:07:51,749 --> 00:07:49,840

ground the scientists can study

142

00:07:54,150 --> 00:07:51,759

the effect of weightlessness and of

143

00:07:58,150 --> 00:07:54,160

their direct space

144

00:08:02,869 --> 00:08:00,309

and possibly the impact from the

145

00:08:06,150 --> 00:08:02,879

thruster firing as well

146

00:08:09,189 --> 00:08:06,160

as far as the fundamental basic

147

00:08:11,189 --> 00:08:09,199

scientific experiments we always perform

148

00:08:12,950 --> 00:08:11,199

them

149

00:08:15,749 --> 00:08:12,960

over half is

150

00:08:18,469 --> 00:08:15,759

medical and biological experiments that

151

00:08:21,350 --> 00:08:18,479

are being conducted continuously

152

00:08:26,550 --> 00:08:23,430

study the results continuously as far as

153

00:08:29,589 --> 00:08:26,560

new experiments are concerned

154

00:08:34,070 --> 00:08:29,599

we have geophysics experiments

155

00:08:37,589 --> 00:08:35,990

which is based on an old medical

156

00:08:41,269 --> 00:08:37,599

experiment but

157

00:08:43,190 --> 00:08:41,279

new and improved where we will be uh

158

00:08:45,829 --> 00:08:43,200

studying the uh

159

00:08:47,750 --> 00:08:45,839

the functionality of a human body in

160

00:08:49,829 --> 00:08:47,760

space

161

00:08:51,990 --> 00:08:49,839

also there will be a number of us and

162

00:08:55,990 --> 00:08:52,000

canadian and european experiments and

163

00:09:01,670 --> 00:08:58,470

so i will not have enough time to list

164

00:09:01,680 --> 00:09:20,070

maybe tom will wish to add something

165

00:09:20,080 --> 00:09:25,590

together outside we have a lot of work

166

00:09:29,750 --> 00:09:27,350

ahead of us in general so we'll see how

167

00:09:32,790 --> 00:09:29,760

things pan out for us

168

00:09:37,590 --> 00:09:35,030

for scientific experiments we have a lot

169

00:09:39,430 --> 00:09:37,600

of them i think 130 or so i'm a

170

00:09:41,590 --> 00:09:39,440

physician so

171

00:09:43,509 --> 00:09:41,600

for me as a medical profession

172

00:09:45,910 --> 00:09:43,519

professional it's interesting

173

00:09:50,710 --> 00:09:45,920

to study blood

174

00:09:50,720 --> 00:09:53,190

effects

175

00:10:00,389 --> 00:09:56,070

that would be very interesting for me

176  
00:10:07,350 --> 00:10:02,230  
all the

177  
00:10:07,360 --> 00:10:11,430  
thank you very much

178  
00:10:16,550 --> 00:10:13,670  
next question

179  
00:10:18,069 --> 00:10:16,560  
how are you going to spend your free

180  
00:10:20,710 --> 00:10:18,079  
time

181  
00:10:22,630 --> 00:10:20,720  
and i heard that you

182  
00:10:24,470 --> 00:10:22,640  
are all into music

183  
00:10:26,310 --> 00:10:24,480  
are you bringing any musical instruments

184  
00:10:30,630 --> 00:10:26,320  
with you

185  
00:10:31,590 --> 00:10:30,640  
maybe a harmonica or maybe even a guitar

186  
00:10:33,910 --> 00:10:31,600  
well

187  
00:10:37,350 --> 00:10:33,920  
actually on board of the iss we already

188  
00:10:44,230 --> 00:10:39,910

which allows crew members to enjoy their

189

00:10:48,069 --> 00:10:45,670

we

190

00:10:49,910 --> 00:10:48,079

have this capability and that is great

191

00:10:51,110 --> 00:10:49,920

and it is true that we're all musicians

192

00:10:54,310 --> 00:10:51,120

in a sense

193

00:10:56,150 --> 00:10:54,320

and so we are hoping to enjoy music in

194

00:10:58,150 --> 00:10:56,160

our spare time

195

00:11:01,590 --> 00:10:58,160

i am bringing a harmonica

196

00:11:06,150 --> 00:11:01,600

with me and i'm hoping to learn how to

197

00:11:10,630 --> 00:11:08,150

to create a

198

00:11:12,790 --> 00:11:10,640

joyful atmosphere on board of the iss

199

00:11:14,470 --> 00:11:12,800

okay thank you very much can i add a few

200

00:11:16,790 --> 00:11:14,480

words

201  
00:11:19,350 --> 00:11:16,800  
one word that roman said that the guitar

202  
00:11:21,670 --> 00:11:19,360  
is traditionally on board well if you

203  
00:11:24,230 --> 00:11:21,680  
remember the traditions then the first

204  
00:11:25,990 --> 00:11:24,240  
time the guitar guitar was delivered

205  
00:11:28,710 --> 00:11:26,000  
during iss

206  
00:11:31,509 --> 00:11:28,720  
expedition 2.

207  
00:11:34,710 --> 00:11:31,519  
yuri romanenko and alexander malaveski

208  
00:11:37,670 --> 00:11:34,720  
that was the beginning of this second

209  
00:11:40,230 --> 00:11:37,680  
expedition to the mir station they were

210  
00:11:43,110 --> 00:11:40,240  
scheduled to be in space almost 11

211  
00:11:45,110 --> 00:11:43,120  
months and in order to provide

212  
00:11:47,430 --> 00:11:45,120  
psychological support a guitar was

213  
00:11:49,670 --> 00:11:47,440

delivered it was a whole

214

00:11:51,990 --> 00:11:49,680

production as to how to deliver that the

215

00:11:54,069 --> 00:11:52,000

guitar they wanted to make sure that the

216

00:11:56,949 --> 00:11:54,079

vibration and the launch loads will not

217

00:11:59,430 --> 00:11:56,959

damage the instrument so they had to

218

00:12:01,670 --> 00:11:59,440

loosen the strings and tighten them and

219

00:12:03,590 --> 00:12:01,680

this story was very interesting because

220

00:12:05,670 --> 00:12:03,600

alexander lavagin

221

00:12:07,509 --> 00:12:05,680

was a good guitar player

222

00:12:09,750 --> 00:12:07,519

and yuri romanenko was the father of

223

00:12:12,150 --> 00:12:09,760

roman romanenko and he taught him how to

224

00:12:14,310 --> 00:12:12,160

play the guitar in space and

225

00:12:17,670 --> 00:12:14,320

throughout his space flight he actually

226

00:12:21,910 --> 00:12:20,150

so even to this day when cosmonauts get

227

00:12:24,949 --> 00:12:21,920

together sometimes they play and sing

228

00:12:27,190 --> 00:12:24,959

those songs so this is a long

229

00:12:29,509 --> 00:12:27,200

tradition and so here we like to talk

230

00:12:35,670 --> 00:12:29,519

about dynasty so this is the romanenko

231

00:12:42,710 --> 00:12:39,190

yes but also i wanted to point out

232

00:12:46,629 --> 00:12:44,470

again

233

00:12:48,230 --> 00:12:46,639

from canada and i'm bringing something

234

00:12:49,750 --> 00:12:48,240

from canada

235

00:12:57,350 --> 00:12:49,760

and

236

00:12:57,360 --> 00:13:01,910

i will show you uh

237

00:13:07,190 --> 00:13:04,069

i'm not sure how you call it how you say

238

00:13:09,030 --> 00:13:07,200

this in russian but i got something that

239

00:13:10,790 --> 00:13:09,040

will

240

00:13:15,430 --> 00:13:10,800

allow me

241

00:13:22,389 --> 00:13:17,750

name of our flight i've played the

242

00:13:22,399 --> 00:13:27,190

this is a big part of our life

243

00:13:31,910 --> 00:13:29,430

that is not why we're in space but this

244

00:13:36,790 --> 00:13:31,920

is a large and enjoyable part of our

245

00:13:42,550 --> 00:13:39,910

and so i am confident that we will

246

00:13:45,829 --> 00:13:42,560

make music a large part of our flight

247

00:13:54,310 --> 00:13:47,590

you've been in space with the canadians

248

00:13:59,750 --> 00:13:56,629

you know

249

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

i'm still not sure what happened

250

00:14:03,110 --> 00:14:01,199

must be fate

251  
00:14:04,870 --> 00:14:03,120  
because it's true that

252  
00:14:07,269 --> 00:14:04,880  
i flew with a

253  
00:14:09,189 --> 00:14:07,279  
canadian space station represented a

254  
00:14:11,030 --> 00:14:09,199  
community space agency representative in

255  
00:14:11,910 --> 00:14:11,040  
space last time

256  
00:14:14,470 --> 00:14:11,920  
so

257  
00:14:15,590 --> 00:14:14,480  
you specialize in canada

258  
00:14:20,389 --> 00:14:15,600  
well

259  
00:14:24,069 --> 00:14:22,310  
chris about an hour ago that was telling

260  
00:14:26,870 --> 00:14:24,079  
us

261  
00:14:34,629 --> 00:14:28,870  
they don't fly in space very often and i

262  
00:14:38,310 --> 00:14:36,790  
but i have been fortunate to fly in

263  
00:14:44,310 --> 00:14:38,320

space with the representatives from

264

00:14:50,069 --> 00:14:46,870

canadians are great people

265

00:14:52,790 --> 00:14:50,079

great to work with and i think it's

266

00:14:54,790 --> 00:14:52,800

very good that we are an international

267

00:14:56,870 --> 00:14:54,800

crew who will be working together on

268

00:14:59,590 --> 00:14:56,880

board of the iss

269

00:15:02,389 --> 00:14:59,600

thank you my question is for christian

270

00:15:06,629 --> 00:15:04,389

soyuz is a new vehicle for you how

271

00:15:09,030 --> 00:15:06,639

difficult was it for you to learn the

272

00:15:11,430 --> 00:15:09,040

technology

273

00:15:13,430 --> 00:15:11,440

and what can you say about

274

00:15:17,829 --> 00:15:13,440

the work of the training personnel the

275

00:15:22,310 --> 00:15:19,829

yes it is a russian vehicle so i guess

276  
00:15:23,670 --> 00:15:22,320  
i'll have to respond in russian and so

277  
00:15:28,710 --> 00:15:23,680  
the most

278  
00:15:31,189 --> 00:15:28,720  
was actually learning the language i

279  
00:15:33,509 --> 00:15:31,199  
first started a russian

280  
00:15:38,150 --> 00:15:33,519  
19 years ago when i started with the

281  
00:15:40,389 --> 00:15:39,110  
and

282  
00:15:43,430 --> 00:15:40,399  
to fly

283  
00:15:44,629 --> 00:15:43,440  
to space on soyuz in

284  
00:15:45,990 --> 00:15:44,639  
you have to

285  
00:15:49,269 --> 00:15:46,000  
know russian

286  
00:15:49,279 --> 00:15:58,150  
uh

287  
00:15:58,160 --> 00:16:02,790  
and i have flown a lot of aircraft

288  
00:16:07,110 --> 00:16:05,269

so i can tell you that this is a good

289

00:16:13,110 --> 00:16:07,120

vehicle

290

00:16:29,749 --> 00:16:13,120

and i am fortunate to be a left-seater

291

00:16:37,910 --> 00:16:33,509

this is a robust vehicle it's been flown

292

00:16:43,189 --> 00:16:39,990

when i was a child

293

00:16:45,269 --> 00:16:43,199

i already read about this vehicle in

294

00:16:46,949 --> 00:16:45,279

national geographic

295

00:16:58,470 --> 00:16:46,959

and

296

00:17:02,389 --> 00:17:00,790

well again they learned a lot more than

297

00:17:08,069 --> 00:17:02,399

they read originally in national

298

00:17:13,429 --> 00:17:09,990

so you said that they composed music in

299

00:17:17,669 --> 00:17:15,350

do you think that for the

300

00:17:19,990 --> 00:17:17,679

moon and mars generation we need to have

301  
00:17:23,029 --> 00:17:20,000  
new music composed

302  
00:17:25,590 --> 00:17:23,039  
and are you planning to do so i

303  
00:17:27,669 --> 00:17:25,600  
i grew up listening to

304  
00:17:30,470 --> 00:17:27,679  
beautiful harmonies and folk music and

305  
00:17:31,590 --> 00:17:30,480  
music that tells a story

306  
00:17:34,950 --> 00:17:31,600  
and

307  
00:17:37,350 --> 00:17:34,960  
different types of music to me that's

308  
00:17:39,029 --> 00:17:37,360  
kind of the very heart of music

309  
00:17:40,470 --> 00:17:39,039  
and often folk music is written to

310  
00:17:41,830 --> 00:17:40,480  
describe something new in the human

311  
00:17:43,510 --> 00:17:41,840  
experience whether it's the first

312  
00:17:45,110 --> 00:17:43,520  
sailors that left the site of land or

313  
00:17:46,710 --> 00:17:45,120

the first people that worked in a new

314

00:17:48,150 --> 00:17:46,720

place or

315

00:17:49,909 --> 00:17:48,160

or someone that was experiencing

316

00:17:51,510 --> 00:17:49,919

something new in the human experience

317

00:17:53,029 --> 00:17:51,520

and so for us

318

00:17:56,070 --> 00:17:53,039

to have a chance not only through

319

00:17:57,190 --> 00:17:56,080

photographs and writing but to try and

320

00:17:58,710 --> 00:17:57,200

record

321

00:18:00,230 --> 00:17:58,720

the newness of this experience the

322

00:18:02,070 --> 00:18:00,240

humanity to try and record it in a

323

00:18:04,470 --> 00:18:02,080

different art form which is music

324

00:18:06,630 --> 00:18:04,480

to me it's important

325

00:18:08,150 --> 00:18:06,640

and so i've partially written some songs

326

00:18:09,750 --> 00:18:08,160

here on earth to to make sure that if

327

00:18:12,310 --> 00:18:09,760

time is short i have time to finish them

328

00:18:15,350 --> 00:18:12,320

orbit but my intent is to finish

329

00:18:17,190 --> 00:18:15,360

and record uh those songs on orbit uh

330

00:18:19,590 --> 00:18:17,200

just as we will take photographs on

331

00:18:20,390 --> 00:18:19,600

orbit and write about it but also to uh

332

00:18:22,470 --> 00:18:20,400

to

333

00:18:25,110 --> 00:18:22,480

in that amazing recording studio without

334

00:18:26,870 --> 00:18:25,120

gravity to uh to try and start to

335

00:18:28,789 --> 00:18:26,880

understand this newness of the human

336

00:18:30,870 --> 00:18:28,799

experience

337

00:18:36,470 --> 00:18:30,880

so maybe when people they go to mars or

338

00:18:40,310 --> 00:18:38,950

i hope so i'm not i'm not a professional

339

00:18:42,710 --> 00:18:40,320

songwriter i'm working with a

340

00:18:44,070 --> 00:18:42,720

professional songwriter in canada a song

341

00:18:46,310 --> 00:18:44,080

will be

342

00:18:48,950 --> 00:18:46,320

through a program called

343

00:18:49,750 --> 00:18:48,960

coalition for music education that will

344

00:18:51,270 --> 00:18:49,760

uh

345

00:18:53,909 --> 00:18:51,280

that will be in schools all across

346

00:18:55,029 --> 00:18:53,919

canada that we'll be recording on orbit

347

00:18:57,430 --> 00:18:55,039

but

348

00:18:59,270 --> 00:18:57,440

i will do my best to try and express the

349

00:19:01,190 --> 00:18:59,280

experience so that people will want to

350

00:19:03,029 --> 00:19:01,200

when we start leaving earth to go even

351  
00:19:05,750 --> 00:19:03,039  
further that those songs will be a

352  
00:19:09,190 --> 00:19:05,760  
natural way to express uh what it's like

353  
00:19:14,870 --> 00:19:11,990  
thank you very much again

354  
00:19:17,190 --> 00:19:14,880  
cosmodex news yes there's was a decision

355  
00:19:20,070 --> 00:19:17,200  
has been a decision made recently

356  
00:19:22,230 --> 00:19:20,080  
for the uh one year long

357  
00:19:24,870 --> 00:19:22,240  
duration flight

358  
00:19:25,750 --> 00:19:24,880  
thank you to the iss so my question is

359  
00:19:29,510 --> 00:19:25,760  
what

360  
00:19:31,430 --> 00:19:29,520  
such

361  
00:19:33,830 --> 00:19:31,440  
long flights and do you think that the

362  
00:19:36,870 --> 00:19:33,840  
iss is prepared

363  
00:19:38,630 --> 00:19:36,880

it's a very serious question i'm not

364

00:19:40,230 --> 00:19:38,640

sure i'm the right person to ask that

365

00:19:44,310 --> 00:19:40,240

question sergey might

366

00:19:48,630 --> 00:19:46,630

since he was the one who was asked at

367

00:19:52,549 --> 00:19:48,640

some point to stay another

368

00:19:54,710 --> 00:19:52,559

expedition on board

369

00:19:56,789 --> 00:19:54,720

so

370

00:19:58,070 --> 00:19:56,799

he would probably be

371

00:19:59,430 --> 00:19:58,080

the best

372

00:20:01,909 --> 00:19:59,440

person to

373

00:20:04,789 --> 00:20:01,919

ask this question especially taking into

374

00:20:06,950 --> 00:20:04,799

account his experience on board of mir

375

00:20:09,110 --> 00:20:06,960

now as far as my personal opinion is

376

00:20:11,190 --> 00:20:09,120

concerned i would say

377

00:20:13,830 --> 00:20:11,200

that if

378

00:20:17,909 --> 00:20:13,840

we have the objective of staying on

379

00:20:21,909 --> 00:20:17,919

board for one year that is justified

380

00:20:23,990 --> 00:20:21,919

by the overall goals of the program

381

00:20:29,110 --> 00:20:24,000

then we will support i'm sure everybody

382

00:20:33,350 --> 00:20:31,110

and i know that

383

00:20:34,630 --> 00:20:33,360

our management understands all the

384

00:20:37,750 --> 00:20:34,640

implications when they make this

385

00:20:38,789 --> 00:20:37,760

decision we have flown in space

386

00:20:42,070 --> 00:20:38,799

before

387

00:20:46,830 --> 00:20:42,080

with a stay on board for one year

388

00:20:51,190 --> 00:20:50,310

tasks i know

389

00:20:54,149 --> 00:20:51,200

that

390

00:20:56,630 --> 00:20:54,159

right now they are working

391

00:20:58,310 --> 00:20:56,640

to ensure that this flight makes sense

392

00:21:02,710 --> 00:20:58,320

in terms of the duration and that we

393

00:21:04,470 --> 00:21:02,720

have enough work to occupy our time so

394

00:21:10,149 --> 00:21:04,480

again i would like to

395

00:21:15,190 --> 00:21:13,110

it is true that this decision has been

396

00:21:16,710 --> 00:21:15,200

made

397

00:21:18,470 --> 00:21:16,720

and

398

00:21:20,149 --> 00:21:18,480

there is a list of uh possible

399

00:21:22,070 --> 00:21:20,159

participants that has been published

400

00:21:23,990 --> 00:21:22,080

already

401  
00:21:26,390 --> 00:21:24,000  
and i would agree

402  
00:21:43,190 --> 00:21:26,400  
again that we have the long duration

403  
00:21:47,830 --> 00:21:45,830  
it was a leap year so it was an extra

404  
00:21:49,909 --> 00:21:47,840  
day so

405  
00:21:52,070 --> 00:21:49,919  
one year duration flights

406  
00:21:54,630 --> 00:21:52,080  
themselves have been performed before

407  
00:21:56,549 --> 00:21:54,640  
now of course we have more statistics

408  
00:21:59,510 --> 00:21:56,559  
and better equipment we understand

409  
00:22:00,390 --> 00:21:59,520  
better what happens to a human body

410  
00:22:04,149 --> 00:22:00,400  
so

411  
00:22:07,669 --> 00:22:04,159  
this experiment can give new data

412  
00:22:10,310 --> 00:22:07,679  
this flight will not occur until 2015 so

413  
00:22:13,750 --> 00:22:10,320

we have time to prepare both from the

414

00:22:15,909 --> 00:22:13,760

roscomos side and from the nasa side

415

00:22:17,990 --> 00:22:15,919

we are discussing the prospects for this

416

00:22:19,750 --> 00:22:18,000

pla flight and also the possible

417

00:22:21,830 --> 00:22:19,760

schedule for the flight

418

00:22:23,430 --> 00:22:21,840

for nasa tv thank you very much tom

419

00:22:25,270 --> 00:22:23,440

marshburn in addition to all the

420

00:22:27,350 --> 00:22:25,280

scientific experiments you'll be doing

421

00:22:28,710 --> 00:22:27,360

on board during your mission can you

422

00:22:30,549 --> 00:22:28,720

talk about some of the day-to-day

423

00:22:32,149 --> 00:22:30,559

activities you'll be doing on board for

424

00:22:34,950 --> 00:22:32,159

maintenance of the iss and what you're

425

00:22:36,470 --> 00:22:34,960

looking forward to the most

426

00:22:38,390 --> 00:22:36,480

well it would have quite a bit of

427

00:22:40,470 --> 00:22:38,400

maintenance to do however our goal is

428

00:22:42,070 --> 00:22:40,480

going to be getting that that done as

429

00:22:44,070 --> 00:22:42,080

efficiently as possible so we can spend

430

00:22:45,590 --> 00:22:44,080

as much time on the scientific

431

00:22:48,070 --> 00:22:45,600

experiments as we can

432

00:22:49,350 --> 00:22:48,080

and uh this station requires some

433

00:22:51,029 --> 00:22:49,360

maintenance so we'll be doing that we'll

434

00:22:54,390 --> 00:22:51,039

be maintaining our bodies as well a fair

435

00:22:56,870 --> 00:22:54,400

amount of time spent doing uh

436

00:22:57,909 --> 00:22:56,880

physical exercise both cardiovascular

437

00:22:59,430 --> 00:22:57,919

and muscle

438

00:23:01,909 --> 00:22:59,440

and you know the space station is the

439

00:23:05,190 --> 00:23:01,919

largest uh power

440

00:23:07,029 --> 00:23:05,200

supply that's ever been put into space

441

00:23:09,669 --> 00:23:07,039

as well as a water recycling center it's

442

00:23:11,909 --> 00:23:09,679

almost an entirely close system

443

00:23:13,270 --> 00:23:11,919

we rely on all this for our lives but

444

00:23:15,830 --> 00:23:13,280

we're also learning a lot about how to

445

00:23:17,669 --> 00:23:15,840

build a future spacecraft that can

446

00:23:19,669 --> 00:23:17,679

maintain people without resupply for a

447

00:23:21,750 --> 00:23:19,679

long period of time a lot of that

448

00:23:23,029 --> 00:23:21,760

technology has

449

00:23:24,870 --> 00:23:23,039

benefit to the earth coming down to the

450

00:23:27,190 --> 00:23:24,880

earth as well but will we maintain that

451  
00:23:28,710 --> 00:23:27,200  
system as well

452  
00:23:31,909 --> 00:23:28,720  
thank you

453  
00:23:37,430 --> 00:23:34,470  
television station

454  
00:23:39,270 --> 00:23:37,440  
television channel for the backup crew

455  
00:23:41,430 --> 00:23:39,280  
are you prepared to take the place of

456  
00:23:50,630 --> 00:23:41,440  
the prime prime

457  
00:23:50,640 --> 00:23:56,950  
i will let my flight engineer respond

458  
00:23:56,960 --> 00:24:07,350  
i do not

459  
00:24:11,750 --> 00:24:09,669  
well the commission has decided that we

460  
00:24:14,230 --> 00:24:11,760  
are well prepared so god forbid

461  
00:24:17,510 --> 00:24:14,240  
something should happen we will be

462  
00:24:24,149 --> 00:24:20,310  
it will be better to wait until it's our

463  
00:24:30,630 --> 00:24:26,789

today is not our day

464

00:24:30,640 --> 00:24:36,710

what is important is that the prime crew

465

00:24:39,269 --> 00:24:37,590

is

466

00:24:41,190 --> 00:24:39,279

ready

467

00:24:44,630 --> 00:24:41,200

we look at them as

468

00:24:45,510 --> 00:24:44,640

the shining example of preparedness

469

00:24:48,070 --> 00:24:45,520

and

470

00:24:50,630 --> 00:24:48,080

if we must we will but hopefully we

471

00:24:53,269 --> 00:24:50,640

won't have to

472

00:24:55,510 --> 00:24:53,279

i think certainly if um unfortunate

473

00:24:57,110 --> 00:24:55,520

circumstances required that we launched

474

00:24:58,470 --> 00:24:57,120

this month we would certainly be ready

475

00:25:00,149 --> 00:24:58,480

to go

476  
00:25:02,870 --> 00:25:00,159  
but i'm very much looking forward to

477  
00:25:08,789 --> 00:25:02,880  
launching on time next spring and

478  
00:25:11,909 --> 00:25:10,230  
you have heard our

479  
00:25:14,390 --> 00:25:11,919  
official

480  
00:25:17,510 --> 00:25:14,400  
opinion now i'll tell you

481  
00:25:21,029 --> 00:25:17,520  
about a small tradition that you have

482  
00:25:23,909 --> 00:25:21,039  
in unofficial meetings with management

483  
00:25:25,269 --> 00:25:23,919  
since a long time ago first generation

484  
00:25:27,190 --> 00:25:25,279  
cosmonauts

485  
00:25:28,870 --> 00:25:27,200  
we

486  
00:25:31,110 --> 00:25:28,880  
always say

487  
00:25:32,950 --> 00:25:31,120  
reporting backup crew reporting here we

488  
00:25:34,549 --> 00:25:32,960

are not prepared to take the place of

489

00:25:35,669 --> 00:25:34,559

the prime crew

490

00:25:37,190 --> 00:25:35,679

so

491

00:25:41,029 --> 00:25:37,200

i would like to say that we're not

492

00:25:45,830 --> 00:25:43,190

for training everything has been done

493

00:25:46,870 --> 00:25:45,840

for the crew to be prepared to be

494

00:25:49,190 --> 00:25:46,880

trained

495

00:25:50,710 --> 00:25:49,200

and we do a lot of things to ensure that

496

00:25:53,830 --> 00:25:50,720

we don't have to

497

00:25:58,230 --> 00:25:55,990

but you know there's a tradition that at

498

00:25:59,830 --> 00:25:58,240

the final stages of the preparation the

499

00:26:02,070 --> 00:25:59,840

crews are always

500

00:26:05,990 --> 00:26:02,080

traveling separately and on different

501  
00:26:08,630 --> 00:26:06,000  
airplanes different vehicles so we

502  
00:26:11,430 --> 00:26:08,640  
take the safety measures up until the

503  
00:26:13,590 --> 00:26:11,440  
moment when we deliver the crew to the

504  
00:26:15,669 --> 00:26:13,600  
launch pad where the crews are delivered

505  
00:26:17,269 --> 00:26:15,679  
and different on different buses

506  
00:26:19,669 --> 00:26:17,279  
in case something should happen which is

507  
00:26:21,350 --> 00:26:19,679  
difficult to imagine my question is for

508  
00:26:23,750 --> 00:26:21,360  
chris field again

509  
00:26:25,350 --> 00:26:23,760  
a lot of time in space more than five

510  
00:26:27,430 --> 00:26:25,360  
months

511  
00:26:30,070 --> 00:26:27,440  
what will and away from everything what

512  
00:26:31,350 --> 00:26:30,080  
will you miss the most and also what

513  
00:26:33,269 --> 00:26:31,360

have you planned for christmas in your

514

00:26:48,950 --> 00:26:33,279

easter if you can also answer in french

515

00:26:48,960 --> 00:27:00,390

um

516

00:27:03,990 --> 00:27:02,630

the first part was what are we preparing

517

00:27:05,430 --> 00:27:04,000

for christmas

518

00:27:07,909 --> 00:27:05,440

i hope the crew on board doesn't hear

519

00:27:10,470 --> 00:27:07,919

about this in the media but i'm bringing

520

00:27:11,750 --> 00:27:10,480

uh some small gifts and surprises up for

521

00:27:13,750 --> 00:27:11,760

the crew that's already up there so we

522

00:27:15,990 --> 00:27:13,760

can celebrate christmas together and of

523

00:27:18,630 --> 00:27:16,000

course we have a christmas meal planned

524

00:27:20,630 --> 00:27:18,640

it's not as good or the same as a meal

525

00:27:22,230 --> 00:27:20,640

here on orbit at christmas time but it

526

00:27:23,590 --> 00:27:22,240

is still just as important it's an

527

00:27:36,470 --> 00:27:23,600

important tradition and we will be

528

00:27:36,480 --> 00:28:07,350

um

529

00:28:12,149 --> 00:28:09,590

i understand very well that we are

530

00:28:14,710 --> 00:28:12,159

actually expedition 35 but we are not

531

00:28:16,630 --> 00:28:14,720

the only space station expedition

532

00:28:18,389 --> 00:28:16,640

and i understand the relative importance

533

00:28:19,590 --> 00:28:18,399

uh we have to do our job properly and

534

00:28:21,669 --> 00:28:19,600

has to fit into the long-term

535

00:28:24,389 --> 00:28:21,679

perspective but for us it is our

536

00:28:27,590 --> 00:28:24,399

expedition we work hard to get ready for

537

00:28:29,590 --> 00:28:27,600

it and uh we uh we will do our part as

538

00:28:31,510 --> 00:28:29,600

best we can during our five months up

539

00:28:32,310 --> 00:28:31,520

there for me personally

540

00:28:34,230 --> 00:28:32,320

um

541

00:28:37,430 --> 00:28:34,240

is of course the time that i'm going to

542

00:28:40,070 --> 00:28:37,440

be asked to command is for me personally

543

00:28:42,070 --> 00:28:40,080

a very important part of my life

544

00:28:43,990 --> 00:28:42,080

and the reason we prepared so hard and

545

00:28:46,310 --> 00:28:44,000

one of my great motivations has been to

546

00:28:47,990 --> 00:28:46,320

prepare uh to have the opportunity to

547

00:28:49,830 --> 00:28:48,000

command the space station uh during my

548

00:28:53,110 --> 00:28:49,840

oscars it's very important personally

549

00:28:56,830 --> 00:28:54,950

one more question

550

00:29:00,070 --> 00:28:56,840

for future probably

551  
00:29:03,110 --> 00:29:00,080  
again after a crew member returns from

552  
00:29:05,669 --> 00:29:03,120  
the long duration flight

553  
00:29:07,990 --> 00:29:05,679  
i know at first you enjoy being back on

554  
00:29:09,830 --> 00:29:08,000  
earth and then how long does it take for

555  
00:29:17,110 --> 00:29:09,840  
you to start wanting to go

556  
00:29:21,909 --> 00:29:19,510  
for me personally i can tell you

557  
00:29:23,669 --> 00:29:21,919  
that as long as you feel

558  
00:29:25,510 --> 00:29:23,679  
physically

559  
00:29:32,310 --> 00:29:25,520  
healthy and

560  
00:29:32,320 --> 00:29:36,389  
for me it was actually different

561  
00:29:41,590 --> 00:29:39,190  
after the first flight

562  
00:29:44,389 --> 00:29:41,600  
even when i was still in space i didn't

563  
00:29:46,389 --> 00:29:44,399

want to come back i didn't want to land

564

00:29:48,710 --> 00:29:46,399

the first question i asked my wife once

565

00:29:50,549 --> 00:29:48,720

i got back i said are you sure you were

566

00:29:52,070 --> 00:29:50,559

going to let me fly again and she said

567

00:29:54,950 --> 00:29:52,080

yes

568

00:29:57,269 --> 00:29:54,960

and after the second flight i think it

569

00:29:59,269 --> 00:29:57,279

took me a year to even

570

00:30:03,430 --> 00:29:59,279

start thinking about wanting to go back

571

00:30:07,990 --> 00:30:06,149

now for the third flight

572

00:30:10,470 --> 00:30:08,000

again the right after coming back i

573

00:30:13,269 --> 00:30:10,480

wanted to go back so i to go back in

574

00:30:14,710 --> 00:30:13,279

space i don't know

575

00:30:17,430 --> 00:30:14,720

maybe i'm

576  
00:30:18,149 --> 00:30:17,440  
too inconsistent i don't know

577  
00:30:44,389 --> 00:30:18,159  
i

578  
00:30:46,230 --> 00:30:44,399  
launch

579  
00:30:47,029 --> 00:30:46,240  
which makes it very difficult

580  
00:30:49,190 --> 00:30:47,039  
but

581  
00:30:51,430 --> 00:30:49,200  
i think in the

582  
00:30:53,350 --> 00:30:51,440  
grand scheme of life in the future when

583  
00:30:54,710 --> 00:30:53,360  
he looks back at it and can say what his

584  
00:30:56,230 --> 00:30:54,720  
mother did

585  
00:30:57,029 --> 00:30:56,240  
he will be very proud

586  
00:31:01,110 --> 00:30:57,039  
and

587  
00:31:01,990 --> 00:31:01,120  
knows exactly what i'm going through

588  
00:31:07,509 --> 00:31:02,000

and

589

00:31:12,630 --> 00:31:09,750

i would like to add

590

00:31:20,310 --> 00:31:14,789

and karen they really have

591

00:31:26,549 --> 00:31:22,230

they both feel responsible for the

592

00:31:26,559 --> 00:31:32,870

jack only knows one word now

593

00:31:32,880 --> 00:31:38,389

so we call him mr now at this time

594

00:31:43,509 --> 00:31:41,029

dear friends

595

00:31:46,230 --> 00:31:43,519

again i mentioned that we have a very

596

00:31:48,789 --> 00:31:46,240

busy schedule today and so let's uh

597

00:31:51,509 --> 00:31:48,799

start start wrapping up your last chance

598

00:31:53,830 --> 00:31:51,519

to ask questions for nasa tv and for the

599

00:31:55,909 --> 00:31:53,840

canadian space agency um what is your

600

00:31:57,430 --> 00:31:55,919

favorite russian tradition uh linked to

601  
00:32:10,870 --> 00:31:57,440  
a space flight and why if you could

602  
00:32:15,190 --> 00:32:13,029  
i think it's very important to celebrate

603  
00:32:18,950 --> 00:32:15,200  
major events we do it right across all

604  
00:32:23,269 --> 00:32:18,960  
societies in uh here on earth

605  
00:32:26,389 --> 00:32:23,279  
births and marriages and birthdays and

606  
00:32:27,430 --> 00:32:26,399  
historical days we celebrate them

607  
00:32:29,269 --> 00:32:27,440  
tradition

608  
00:32:31,909 --> 00:32:29,279  
and a chance to gather together and

609  
00:32:34,389 --> 00:32:31,919  
recognize where we are in history to me

610  
00:32:36,389 --> 00:32:34,399  
is an important part of understanding

611  
00:32:37,350 --> 00:32:36,399  
where where we are and who we are as

612  
00:32:39,990 --> 00:32:37,360  
people

613  
00:32:41,190 --> 00:32:40,000

and therefore for me my favorite part of

614

00:32:43,430 --> 00:32:41,200

uh

615

00:32:45,029 --> 00:32:43,440

of flying in space

616

00:32:47,830 --> 00:32:45,039

are in fact the traditions the things we

617

00:32:49,269 --> 00:32:47,840

do beforehand and today

618

00:32:52,870 --> 00:32:49,279

um

619

00:32:55,909 --> 00:32:52,880

we go into uh gagarin's office and we

620

00:32:58,070 --> 00:32:55,919

here at star city a historic place and

621

00:32:59,350 --> 00:32:58,080

we we sign in a book that

622

00:33:01,110 --> 00:32:59,360

that is

623

00:33:02,789 --> 00:33:01,120

it's a tradition it's you know it's just

624

00:33:04,950 --> 00:33:02,799

something that we do but at the same

625

00:33:08,070 --> 00:33:04,960

time it marks an event

626

00:33:09,669 --> 00:33:08,080

and it is uh important i think for us to

627

00:33:12,310 --> 00:33:09,679

put things into perspective that we have

628

00:33:14,470 --> 00:33:12,320

such markers and to go into the office

629

00:33:16,630 --> 00:33:14,480

of the first human being to fly in space

630

00:33:19,590 --> 00:33:16,640

and to be part of that continuum to me

631

00:34:16,710 --> 00:33:19,600

is a very important traditional event

632

00:34:16,720 --> 00:34:28,950

thank you chris

633

00:34:35,510 --> 00:34:30,470

that will be performed on board of the

634

00:34:40,069 --> 00:34:38,069

regarding the experiments from the

635

00:34:42,470 --> 00:34:40,079

school children who send their

636

00:34:43,909 --> 00:34:42,480

experiments in space are you planning to

637

00:34:45,669 --> 00:34:43,919

do the

638

00:34:47,430 --> 00:34:45,679

students experiments children's

639

00:34:48,389 --> 00:34:47,440

experiments in space

640

00:34:51,349 --> 00:34:48,399

i know

641

00:34:55,349 --> 00:34:51,359

that from time to time

642

00:34:59,670 --> 00:34:55,359

cosmonauts perform experiments

643

00:34:59,680 --> 00:35:06,550

from

644

00:35:11,510 --> 00:35:09,109

those are engineering technical

645

00:35:14,390 --> 00:35:11,520

experiments

646

00:35:14,400 --> 00:35:21,349

the effect of weightlessness

647

00:35:25,109 --> 00:35:23,510

materials we have small boxes with

648

00:35:27,829 --> 00:35:25,119

samples and

649

00:35:30,310 --> 00:35:27,839

under the influence of various

650

00:35:33,430 --> 00:35:30,320

radiation and weightlessness they begin

651  
00:35:38,710 --> 00:35:36,790  
so this whole process is videotaped

652  
00:35:40,790 --> 00:35:38,720  
and then these materials come back to

653  
00:35:42,790 --> 00:35:40,800  
earth

654  
00:35:47,270 --> 00:35:42,800  
or

655  
00:35:48,069 --> 00:35:47,280  
just the video is received on the ground

656  
00:35:53,510 --> 00:35:48,079  
for

657  
00:35:56,310 --> 00:35:53,520  
confirmation of the fact that

658  
00:36:00,150 --> 00:35:56,320  
various materials behave differently in

659  
00:36:07,109 --> 00:36:03,190  
different from what we see on earth

660  
00:36:08,790 --> 00:36:07,119  
for our flight we have not uh

661  
00:36:10,390 --> 00:36:08,800  
no we have one

662  
00:36:12,069 --> 00:36:10,400  
actually that's the one i was talking

663  
00:36:14,550 --> 00:36:12,079

about

664

00:36:14,560 --> 00:36:19,190

study how this will be happening

665

00:36:22,790 --> 00:36:21,190

we are planning to expand this

666

00:36:29,670 --> 00:36:22,800

experiment a little bit and also from

667

00:36:34,150 --> 00:36:32,310

where we talk to students and school

668

00:36:36,310 --> 00:36:34,160

children it's a very important part of

669

00:36:38,950 --> 00:36:36,320

our program and it is

670

00:36:41,349 --> 00:36:38,960

exciting to see that the students are

671

00:36:46,710 --> 00:36:41,359

interested in talking to us and learning

672

00:36:46,720 --> 00:36:59,670

can you turn this around please

673

00:37:04,710 --> 00:37:02,470

okay friends thank you very much for

674

00:37:05,750 --> 00:37:04,720

your questions we would like to thank

675

00:37:46,390 --> 00:37:05,760

the crew

676  
00:37:46,400 --> 00:37:59,990  
thank you

677  
00:38:36,950 --> 00:38:27,589  
is

678  
00:38:36,960 --> 00:38:53,190  
okay

679  
00:38:53,200 --> 00:39:18,390  
um

680  
00:39:18,400 --> 00:39:57,510  
closer together

681  
00:39:57,520 --> 00:40:14,550  
is

682  
00:41:05,589 --> 00:40:46,950  
foreign

683  
00:41:05,599 --> 00:41:33,510  
late 80s

684  
00:41:33,520 --> 00:42:01,990  
grace

685  
00:42:02,000 --> 00:42:17,270  
ugh

686  
00:42:17,280 --> 00:42:29,990  
oh

687  
00:42:30,000 --> 00:43:39,349  
come on

688  
00:43:39,359 --> 00:44:14,069

yes

689

00:44:14,079 --> 00:44:38,470

playing