



ВЛАЧНО

CHRIS HADFIELD

CSA ASC

1  
00:00:28,480 --> 00:00:43,350

you

2  
00:00:43,360 --> 00:01:10,469

camera

3  
00:01:10,479 --> 00:01:21,190

is

4  
00:01:21,200 --> 00:01:35,749  
colleagues questions please can you see

5  
00:01:41,670 --> 00:01:37,990  
a comfortable successful flight for the

6  
00:01:46,230 --> 00:01:43,670  
all the work that has been done to

7  
00:01:47,990 --> 00:01:46,240  
assemble this rocket has been blessed

8  
00:01:50,870 --> 00:01:48,000  
the rocket is blessed

9  
00:01:53,910 --> 00:01:50,880  
the journey is blessed and

10  
00:01:55,190 --> 00:01:53,920  
we will pray for them as they fly in

11  
00:02:00,870 --> 00:01:55,200  
space so that

12  
00:02:05,510 --> 00:02:02,389  
are you going to see the crew members

13  
00:02:07,670 --> 00:02:05,520

today yes definitely i will

14

00:02:08,389 --> 00:02:07,680

when as they walk to their bus so we

15

00:02:11,110 --> 00:02:08,399

will

16

00:02:12,710 --> 00:02:11,120

pray for them and

17

00:02:15,430 --> 00:02:12,720

bless them

18

00:02:15,440 --> 00:02:18,710

my name is

19

00:02:18,720 --> 00:02:21,190

sergei

20

00:02:26,150 --> 00:02:23,670

any activity that you do has to be

21

00:02:26,949 --> 00:02:26,160

blessed by god and supported by the lord

22

00:02:28,550 --> 00:02:26,959

and

23

00:02:31,190 --> 00:02:28,560

this work

24

00:02:33,270 --> 00:02:31,200

is a special because it gives hope to

25

00:02:37,030 --> 00:02:33,280

people it strengthens their faith

26

00:02:39,509 --> 00:02:37,040

because whatever happens

27

00:02:41,190 --> 00:02:39,519

even when you fly on the airplane or if

28

00:02:44,390 --> 00:02:41,200

you're on the train

29

00:02:46,470 --> 00:02:44,400

or on a car you can stop at any time but

30

00:02:48,550 --> 00:02:46,480

still you're not sure if you will reach

31

00:02:52,550 --> 00:02:48,560

your destination but with space you

32

00:02:55,750 --> 00:02:52,560

really all you can do is pray and hope

33

00:02:59,990 --> 00:02:57,910

tabloids like to write that this is too

34

00:03:02,710 --> 00:03:00,000

expensive

35

00:03:06,550 --> 00:03:02,720

to bless the rocket well now the the

36

00:03:08,309 --> 00:03:06,560

orthodox church does not charge anything

37

00:03:10,790 --> 00:03:08,319

to bless the rocket this is all

38

00:03:11,830 --> 00:03:10,800

completely voluntary we do this on our

39

00:03:14,790 --> 00:03:11,840

own time

40

00:03:15,750 --> 00:03:14,800

we heard the number 150 000 no it is not

41

00:03:31,190 --> 00:03:15,760

true

42

00:03:35,990 --> 00:03:33,350

we still have one thing that we need to

43

00:03:37,990 --> 00:03:36,000

do is to confirm the cruise and so you

44

00:03:40,550 --> 00:03:38,000

can speak english i would like to

45

00:03:42,390 --> 00:03:40,560

present you

46

00:03:44,789 --> 00:03:42,400

sergey krikala

47

00:03:55,270 --> 00:03:44,799

who will suggest crew members

48

00:04:01,789 --> 00:03:57,110

we reviewed the results of their

49

00:04:06,149 --> 00:04:01,799

training and came to the conclusion that

50

00:04:10,070 --> 00:04:06,159

ss3233 crews are prepared for flight on

51  
00:04:13,990 --> 00:04:11,910  
zero five they're prepared to work on

52  
00:04:16,870 --> 00:04:14,000  
board of the russian segment of the iss

53  
00:04:20,069 --> 00:04:16,880  
the pre-flight up training program has

54  
00:04:23,510 --> 00:04:20,079  
been completed in full and we

55  
00:04:25,710 --> 00:04:23,520  
proposed confirming the prime crew

56  
00:04:50,629 --> 00:04:25,720  
including the following crew members

57  
00:04:54,150 --> 00:04:52,710  
that completes my report

58  
00:05:05,909 --> 00:04:54,160  
thank you

59  
00:05:08,870 --> 00:05:07,670  
sunny yuri aki

60  
00:05:11,189 --> 00:05:08,880  
it's uh

61  
00:05:13,029 --> 00:05:11,199  
it's good to see you guys uh you've

62  
00:05:15,350 --> 00:05:13,039  
completed all your training

63  
00:05:16,950 --> 00:05:15,360

you're an experienced crew

64

00:05:19,029 --> 00:05:16,960

and you're launching into a very

65

00:05:22,629 --> 00:05:19,039

ambitious mission

66

00:05:32,150 --> 00:05:22,639

sunny uh yuri akio generators visit we

67

00:05:37,110 --> 00:05:34,469

and uh as you know it's the uh your

68

00:05:39,830 --> 00:05:37,120

launch date is the 37th anniversary of

69

00:05:42,390 --> 00:05:39,840

the paula soyuz test project launch

70

00:05:45,270 --> 00:05:42,400

and uh i think it's most fitting that uh

71

00:05:47,189 --> 00:05:45,280

the three of you are are launched

72

00:05:49,189 --> 00:05:47,199

to the iss

73

00:06:19,189 --> 00:05:49,199

that was basically started with that

74

00:06:31,990 --> 00:06:21,110

we are confident that your flight will

75

00:06:34,469 --> 00:06:32,830

dear

76

00:06:36,870 --> 00:06:34,479

friends

77

00:06:39,510 --> 00:06:36,880

in accordance to the flight program to

78

00:06:42,710 --> 00:06:39,520

the international space station

79

00:06:45,990 --> 00:06:42,720

july 15 2012.

80

00:06:49,270 --> 00:06:46,000

at 8 40.

81

00:06:50,230 --> 00:06:49,280

local time 6 40 moscow time there was

82

00:06:52,950 --> 00:06:50,240

this

83

00:06:55,670 --> 00:06:52,960

launch scheduled for the transport

84

00:06:57,629 --> 00:06:55,680

vehicle so use the tma

85

00:06:59,830 --> 00:06:57,639

for expedition

86

00:07:02,629 --> 00:06:59,840

3233 on board

87

00:07:05,029 --> 00:07:02,639

a few minutes ago the state commission

88

00:07:08,629 --> 00:07:05,039

has finished its

89

00:07:10,550 --> 00:07:08,639

meeting where they confirmed the

90

00:07:13,029 --> 00:07:10,560

prime and backup crew

91

00:07:21,110 --> 00:07:13,039

allow me to introduce them

92

00:07:24,309 --> 00:07:22,309

williams

93

00:07:26,070 --> 00:07:24,319

representing nasa the united states

94

00:07:27,909 --> 00:07:26,080

flight engineer too

95

00:07:37,189 --> 00:07:27,919

of a soyuz and flight engineer for the

96

00:07:41,510 --> 00:07:38,870

and flight engineer for the ss roman

97

00:07:43,350 --> 00:07:41,520

romanenko flight engineer for soyuz and

98

00:07:44,629 --> 00:07:43,360

flight engineer for the iss chris

99

00:07:47,830 --> 00:07:44,639

hadfield

100

00:07:50,309 --> 00:07:47,840

canadian space agency

101

00:07:52,390 --> 00:07:50,319

flight engineer 2 of soyuz and flight

102

00:07:54,390 --> 00:07:52,400

engineer of the station

103

00:07:56,790 --> 00:07:54,400

thomas marshburn

104

00:07:58,790 --> 00:07:56,800

nasa united states

105

00:08:00,309 --> 00:07:58,800

please ask your questions and

106

00:08:06,869 --> 00:08:00,319

specifically point out who you're

107

00:08:11,909 --> 00:08:09,670

television or program television channel

108

00:08:13,830 --> 00:08:11,919

one of russia first my question is for

109

00:08:15,430 --> 00:08:13,840

mr malenchenko congratulations on your

110

00:08:17,189 --> 00:08:15,440

upcoming flight

111

00:08:19,029 --> 00:08:17,199

and uh

112

00:08:20,790 --> 00:08:19,039

what are you planning to do first thing

113

00:08:22,950 --> 00:08:20,800

once you arrive on board of the ss are

114

00:08:24,150 --> 00:08:22,960

you planning a celebration of some sort

115

00:08:26,230 --> 00:08:24,160

thank you very much for your

116

00:08:29,189 --> 00:08:26,240

congratulations

117

00:08:31,670 --> 00:08:29,199

our first day upon arriving to the iss

118

00:08:33,509 --> 00:08:31,680

once we arrive we have a lot of work

119

00:08:36,790 --> 00:08:33,519

scheduled that we will need to

120

00:08:38,630 --> 00:08:36,800

accomplish and our work day

121

00:08:42,469 --> 00:08:38,640

during the docking day is a very long

122

00:08:47,190 --> 00:08:42,479

one usually 16 or 17 hours

123

00:08:51,350 --> 00:08:48,870

the crew that is working on board at

124

00:08:53,590 --> 00:08:51,360

this time we will be sending greetings

125

00:08:55,110 --> 00:08:53,600

from the earth to them and we will give

126

00:08:56,630 --> 00:08:55,120

them a big hug

127

00:08:59,509 --> 00:08:56,640

okay thank you very much

128

00:09:01,030 --> 00:08:59,519

next question dear cruz allow me to

129

00:09:02,949 --> 00:09:01,040

introduce you

130

00:09:04,230 --> 00:09:02,959

to congratulate you with the upcoming

131

00:09:06,389 --> 00:09:04,240

flight

132

00:09:08,949 --> 00:09:06,399

wish you the best

133

00:09:12,230 --> 00:09:08,959

and for the commander specifically for

134

00:09:13,190 --> 00:09:12,240

expedition 33 i would like to

135

00:09:15,509 --> 00:09:13,200

send

136

00:09:18,389 --> 00:09:15,519

this souvenir you will open it yourself

137

00:09:20,389 --> 00:09:18,399

i will give it to the crew surgeon i'm

138

00:09:47,910 --> 00:09:20,399

not going to step in

139

00:09:47,920 --> 00:11:36,790

okay

140

00:11:43,430 --> 00:11:39,670

sorry so uh first question was uh

141

00:11:46,069 --> 00:11:43,440

how we feel right now and i answered

142

00:11:50,069 --> 00:11:46,079

after two weeks in baikonur we're all

143

00:11:52,389 --> 00:11:50,079

very relaxed including the backup crews

144

00:11:53,269 --> 00:11:52,399

and we're ready for launch

145

00:12:03,269 --> 00:11:53,279

and

146

00:12:03,279 --> 00:12:15,430

is

147

00:12:19,990 --> 00:12:17,430

and the second question was uh

148

00:12:22,790 --> 00:12:20,000

how uh what

149

00:12:25,509 --> 00:12:22,800

i would like to uh people to see uh

150

00:12:28,069 --> 00:12:25,519

during our stay and my answer was i'd

151

00:12:29,829 --> 00:12:28,079

like to see people to see

152

00:12:31,990 --> 00:12:29,839

we're going to do a lot of experiments a

153

00:12:34,710 --> 00:12:32,000

lot of tasks on board

154

00:12:36,389 --> 00:12:34,720

just very various things but

155

00:12:38,389 --> 00:12:36,399

the most important thing is that we're

156

00:12:40,870 --> 00:12:38,399

working together as a team not just the

157

00:12:43,110 --> 00:12:40,880

team on orbit but the team on the ground

158

00:12:49,509 --> 00:12:43,120

as well so it's a big big team that

159

00:12:49,519 --> 00:13:15,269

with

160

00:13:19,670 --> 00:13:17,430

my question is for yuri what work will

161

00:13:21,430 --> 00:13:19,680

you be performing on the onboard of the

162

00:13:23,350 --> 00:13:21,440

ss what is your scientific program

163

00:13:25,030 --> 00:13:23,360

you're planning an extra vehicle

164

00:13:26,310 --> 00:13:25,040

activity as well can you talk more about

165

00:13:31,350 --> 00:13:26,320

it

166

00:13:34,629 --> 00:13:31,360

have a big pro program scheduled but

167

00:13:36,470 --> 00:13:34,639

it's a standard program

168

00:13:39,110 --> 00:13:36,480

for the russian segment we have a

169

00:13:41,269 --> 00:13:39,120

scientific

170

00:13:43,990 --> 00:13:41,279

experiment a program that includes

171

00:13:45,269 --> 00:13:44,000

about 40 scientific experiments covering

172

00:13:46,949 --> 00:13:45,279

various

173

00:13:48,949 --> 00:13:46,959

research fields

174

00:13:51,750 --> 00:13:48,959

we will also have a lot of dynamic

175

00:13:54,710 --> 00:13:51,760

operations such as docking undocking

176

00:13:59,590 --> 00:13:56,470

vehicles arriving as well as cargo

177

00:14:01,910 --> 00:13:59,600

vehicle arrival vehicles arriving

178

00:14:04,230 --> 00:14:01,920

we will have an extra connectivity as

179

00:14:05,509 --> 00:14:04,240

well the space walk will last about

180

00:14:07,990 --> 00:14:05,519

seven hours

181

00:14:10,870 --> 00:14:08,000

there will be several tasks that we all

182

00:14:14,150 --> 00:14:10,880

we will accomplish during the space walk

183

00:14:16,069 --> 00:14:14,160

such as working with scientific

184

00:14:19,110 --> 00:14:16,079

experiments outside of the station

185

00:14:20,069 --> 00:14:19,120

reconfiguring systems and launching a

186

00:14:21,910 --> 00:14:20,079

small

187

00:14:24,389 --> 00:14:21,920

artificial satellite

188

00:14:26,069 --> 00:14:24,399

we are looking forward to this work it's

189

00:14:27,829 --> 00:14:26,079

going to be busy but it's going to be

190

00:14:30,230 --> 00:14:27,839

interesting and

191

00:14:33,030 --> 00:14:30,240

i am confident that it will all work out

192

00:14:37,110 --> 00:14:33,040

great thank you

193

00:14:39,430 --> 00:14:37,120

hello anna roscosmos television studio

194

00:14:41,670 --> 00:14:39,440

first question is for yuri you have

195

00:14:44,629 --> 00:14:41,680

flown in space already and you had a

196

00:14:47,110 --> 00:14:44,639

female crew member as well in your crew

197

00:14:49,030 --> 00:14:47,120

is was this your personal request or why

198

00:14:52,150 --> 00:14:49,040

do you keep having women in your cruise

199

00:14:54,790 --> 00:14:52,160

and my question is for roman

200

00:14:57,430 --> 00:14:54,800

how are you planning to prepare for your

201  
00:14:57,829 --> 00:14:57,440  
flight as a prime

202  
00:15:00,389 --> 00:14:57,839  
yes crew

203  
00:15:06,150 --> 00:15:00,399  
just happened that in every flight i

204  
00:15:06,160 --> 00:15:09,829  
i don't know why it happened

205  
00:15:13,990 --> 00:15:13,030  
but that's the way it worked out

206  
00:15:16,629 --> 00:15:14,000  
and

207  
00:15:19,509 --> 00:15:16,639  
as i mentioned earlier we do not

208  
00:15:21,189 --> 00:15:19,519  
distinguish between males and females in

209  
00:15:24,470 --> 00:15:21,199  
our crew members

210  
00:15:27,430 --> 00:15:24,480  
i am happy because what matters to me is

211  
00:15:29,590 --> 00:15:27,440  
that all members of all my crews have

212  
00:15:31,189 --> 00:15:29,600  
been great individuals and even during

213  
00:15:34,870 --> 00:15:31,199

my previous flight when we were

214

00:15:40,790 --> 00:15:37,829

we had two women at the same time

215

00:15:41,829 --> 00:15:40,800

which was the first time in history ever

216

00:15:44,629 --> 00:15:41,839

but

217

00:15:46,310 --> 00:15:44,639

despite that fact everything went well

218

00:15:48,230 --> 00:15:46,320

it was all good and there were no

219

00:15:50,150 --> 00:15:48,240

difficulties so

220

00:15:53,509 --> 00:15:50,160

i'm very happy thank you

221

00:15:55,509 --> 00:15:53,519

okay thank you now roman please

222

00:15:56,550 --> 00:15:55,519

thank you for your question before our

223

00:16:00,710 --> 00:15:56,560

launch

224

00:16:03,030 --> 00:16:00,720

months so we will

225

00:16:04,870 --> 00:16:03,040

continue preparing for our flight as the

226

00:16:09,430 --> 00:16:04,880

prime crew which is scheduled for

227

00:16:14,069 --> 00:16:11,590

we will be training

228

00:16:16,870 --> 00:16:14,079

here in russia we will have joint uh

229

00:16:18,790 --> 00:16:16,880

simulations here in russia and several

230

00:16:21,269 --> 00:16:18,800

sessions in the united states where

231

00:16:22,389 --> 00:16:21,279

we'll be where we will be participating

232

00:16:25,430 --> 00:16:22,399

in training

233

00:16:26,550 --> 00:16:25,440

with two other crews the crew that will

234

00:16:31,350 --> 00:16:26,560

be

235

00:16:32,949 --> 00:16:31,360

join us eventually we will practice our

236

00:16:36,230 --> 00:16:32,959

joint work

237

00:16:38,389 --> 00:16:36,240

in case of the depreciation or a fire on

238

00:16:40,470 --> 00:16:38,399

board and so we will continue working as

239

00:16:42,550 --> 00:16:40,480

we have been so far thank you very much

240

00:16:45,189 --> 00:16:42,560

next question can i just say sunny the

241

00:16:46,629 --> 00:16:45,199

haircut looks really good um

242

00:16:48,629 --> 00:16:46,639

i still got it

243

00:16:50,629 --> 00:16:48,639

on twitter we were worried but it looks

244

00:16:53,670 --> 00:16:50,639

good to her um

245

00:16:56,310 --> 00:16:53,680

so i was just having i was wondering um

246

00:16:58,790 --> 00:16:56,320

going to work in the morning

247

00:17:01,749 --> 00:16:58,800

what is the more stressful commute going

248

00:17:04,069 --> 00:17:01,759

to the office in houston traffic or

249

00:17:05,429 --> 00:17:04,079

going to your other office strapped to a

250

00:17:06,949 --> 00:17:05,439

rocket

251  
00:17:08,309 --> 00:17:06,959  
well first of all thank you for the

252  
00:17:10,789 --> 00:17:08,319  
comment on my hair it was a little

253  
00:17:12,710 --> 00:17:10,799  
shocking when i saw how short it was but

254  
00:17:14,549 --> 00:17:12,720  
i'm getting used to it and it's going to

255  
00:17:16,630 --> 00:17:14,559  
look longer when i'm in space

256  
00:17:18,150 --> 00:17:16,640  
um do you set your question about what's

257  
00:17:19,429 --> 00:17:18,160  
a little bit more stressful i would

258  
00:17:21,189 --> 00:17:19,439  
definitely say

259  
00:17:23,350 --> 00:17:21,199  
going to work

260  
00:17:26,069 --> 00:17:23,360  
in houston is more stressful

261  
00:17:28,069 --> 00:17:26,079  
than the eight-minute rocket ride

262  
00:17:29,909 --> 00:17:28,079  
the the traffic in houston like i think

263  
00:17:31,669 --> 00:17:29,919

everybody knows is pretty horrible and

264

00:17:33,909 --> 00:17:31,679

sometimes just a five

265

00:17:34,950 --> 00:17:33,919

mile commute can take about 15 or 20

266

00:17:37,270 --> 00:17:34,960

minutes

267

00:17:39,430 --> 00:17:37,280

and we'll be already in the rocket

268

00:17:41,270 --> 00:17:39,440

resting getting our final preparations

269

00:17:43,909 --> 00:17:41,280

done before we launch and like i

270

00:17:46,390 --> 00:17:43,919

mentioned it's only an eight minute ride

271

00:17:47,990 --> 00:17:46,400

there's no traffic jam on the way and uh

272

00:17:49,430 --> 00:17:48,000

we'll be in space before we know it

273

00:17:51,430 --> 00:17:49,440

thank you

274

00:17:54,549 --> 00:17:51,440

hello ria novosti alexey

275

00:17:55,669 --> 00:17:54,559

i have two questions uh for the prime

276

00:17:57,669 --> 00:17:55,679

crew

277

00:18:01,909 --> 00:17:57,679

first of all

278

00:18:07,990 --> 00:18:04,950

name of a gemstone in russian who

279

00:18:09,909 --> 00:18:08,000

selected it and

280

00:18:12,150 --> 00:18:09,919

my second question

281

00:18:17,190 --> 00:18:12,160

is what are you planning to do in your

282

00:18:22,070 --> 00:18:20,070

is our call signing usually what happens

283

00:18:24,070 --> 00:18:22,080

is that the soyuz commander picks the

284

00:18:25,830 --> 00:18:24,080

call sign

285

00:18:28,230 --> 00:18:25,840

it is done when the commander prepares

286

00:18:30,710 --> 00:18:28,240

for his first flight so i probably

287

00:18:33,750 --> 00:18:30,720

selected that call sign back in 1993

288

00:18:36,470 --> 00:18:33,760

when i was preparing for my first flight

289

00:18:39,750 --> 00:18:36,480

at that time there was a list of all

290

00:18:43,909 --> 00:18:39,760

signs that were available

291

00:18:46,789 --> 00:18:43,919

they were the names of gemstones and

292

00:18:48,549 --> 00:18:46,799

stars there and i saw

293

00:18:52,310 --> 00:18:48,559

this word which

294

00:18:52,320 --> 00:18:59,909

stone and so i picked it

295

00:19:02,710 --> 00:19:01,750

so the second question was about free

296

00:19:04,630 --> 00:19:02,720

time

297

00:19:06,150 --> 00:19:04,640

like yuri mentioned already we're going

298

00:19:07,190 --> 00:19:06,160

to be pretty busy as soon as we get

299

00:19:08,870 --> 00:19:07,200

there

300

00:19:22,630 --> 00:19:08,880

with htv

301  
00:19:22,640 --> 00:19:33,190  
um

302  
00:19:37,909 --> 00:19:35,750  
but i know one thing that all of us have

303  
00:19:39,909 --> 00:19:37,919  
not seen yet is the cupola so i think

304  
00:19:42,230 --> 00:19:39,919  
we'll probably be spending some of our

305  
00:19:46,390 --> 00:19:42,240  
spare time uh looking out the windows in

306  
00:19:46,400 --> 00:19:49,830  
video

307  
00:19:49,840 --> 00:19:57,190  
first

308  
00:20:00,789 --> 00:19:59,430  
and of course um a very significant

309  
00:20:03,270 --> 00:20:00,799  
event is happening while we're up there

310  
00:20:18,950 --> 00:20:03,280  
as the olympics um so hopefully we'll be

311  
00:20:22,310 --> 00:20:20,710  
and just one thought about the olympics

312  
00:20:24,070 --> 00:20:22,320  
i think the international space station

313  
00:20:25,750 --> 00:20:24,080

and the olympics are very similar in

314

00:20:27,590 --> 00:20:25,760

that they bring together countries from

315

00:20:29,270 --> 00:20:27,600

all over the world they work together

316

00:20:31,750 --> 00:20:29,280

they compete and they bring out the best

317

00:20:53,270 --> 00:20:31,760

of each other

318

00:20:58,070 --> 00:20:55,990

thank you looks like sunny answered for

319

00:20:59,669 --> 00:20:58,080

everybody rob nabius with nasa

320

00:21:01,669 --> 00:20:59,679

television i have a question and a

321

00:21:03,510 --> 00:21:01,679

follow-up for sunny

322

00:21:05,510 --> 00:21:03,520

you touched on this before just a bit of

323

00:21:06,710 --> 00:21:05,520

elaboration if you would you actually

324

00:21:08,470 --> 00:21:06,720

have nine

325

00:21:10,710 --> 00:21:08,480

visiting vehicle operations and two

326

00:21:12,230 --> 00:21:10,720

spacewalks one russian one u.s

327

00:21:14,549 --> 00:21:12,240

in the first seven weeks that you and

328

00:21:16,549 --> 00:21:14,559

your crew are aboard the station how

329

00:21:17,590 --> 00:21:16,559

daunting a task is that going to be to

330

00:21:20,950 --> 00:21:17,600

pull off

331

00:21:25,350 --> 00:21:23,750

so one one thing after another first of

332

00:21:27,990 --> 00:21:25,360

all is start and let us get up to the

333

00:21:29,510 --> 00:21:28,000

space station and dock and then we'll be

334

00:21:31,110 --> 00:21:29,520

concentrating on the next thing and then

335

00:21:50,950 --> 00:21:31,120

the next thing and we'll see how it all

336

00:21:55,350 --> 00:21:52,630

we've trained for all of these events

337

00:21:56,390 --> 00:21:55,360

we're ready for them as they uh occur i

338

00:21:58,789 --> 00:21:56,400

think we're going to all need a little

339

00:22:00,630 --> 00:21:58,799

refresher as they get closer but we'll

340

00:22:02,789 --> 00:22:00,640

be ready to tackle them and i think

341

00:22:05,190 --> 00:22:02,799

we've got a great crew along with the

342

00:22:10,470 --> 00:22:05,200

crew that's on board right now to

343

00:22:10,480 --> 00:22:25,029

um

344

00:22:28,950 --> 00:22:26,630

will be launching on the 37th

345

00:22:31,029 --> 00:22:28,960

anniversary of apollo soyuz

346

00:22:33,350 --> 00:22:31,039

docking on the 37th anniversary of their

347

00:22:35,350 --> 00:22:33,360

famous handshake in space between tom

348

00:22:37,669 --> 00:22:35,360

stafford and alexi leonov how

349

00:22:39,190 --> 00:22:37,679

significant was that event for you and

350

00:22:41,029 --> 00:22:39,200

your crew as the vanguard for the

351  
00:22:42,149 --> 00:22:41,039  
international cooperation we see enacted

352  
00:22:44,789 --> 00:22:42,159  
here today

353  
00:22:47,110 --> 00:22:44,799  
um i i think you know our start was

354  
00:22:49,350 --> 00:22:47,120  
supposed to be a couple months ago

355  
00:22:50,230 --> 00:22:49,360  
but it got delayed till this date

356  
00:22:51,750 --> 00:22:50,240  
was

357  
00:23:07,830 --> 00:22:51,760  
of course

358  
00:23:13,669 --> 00:23:10,789  
we are really honored to be launching on

359  
00:23:15,750 --> 00:23:13,679  
the same day at apollo soyuz launched

360  
00:23:20,230 --> 00:23:15,760  
and docking on the same day that they

361  
00:23:20,240 --> 00:23:32,310  
uh

362  
00:23:36,149 --> 00:23:34,149  
i think that was the start of our

363  
00:23:38,470 --> 00:23:36,159

international friendship and working

364

00:23:47,510 --> 00:23:38,480

together in the space program and we've

365

00:23:51,350 --> 00:23:49,029

and so we're very thankful to those who

366

00:23:53,350 --> 00:23:51,360

have come before us and laid this path

367

00:24:00,630 --> 00:23:53,360

that we're going to follow in a couple

368

00:24:00,640 --> 00:24:16,470

much

369

00:24:22,390 --> 00:24:19,269

you are the first woman who um was in

370

00:24:25,830 --> 00:24:22,400

the uh out of the space station so a

371

00:24:29,269 --> 00:24:25,840

long time so what did you feel and uh

372

00:24:48,230 --> 00:24:29,279

what you feel when you see the earth our

373

00:24:51,269 --> 00:24:49,029

um

374

00:24:53,669 --> 00:24:51,279

well i was very lucky to be able to do

375

00:24:55,990 --> 00:24:53,679

four space walks on my first mission and

376

00:25:13,029 --> 00:24:56,000

uh hopefully we'll get to do a spacewalk

377

00:25:17,830 --> 00:25:14,870

a lot of people ask if you're scared

378

00:25:19,830 --> 00:25:17,840

when you go what we call out the door

379

00:25:21,269 --> 00:25:19,840

and luckily it was night time so i

380

00:25:25,350 --> 00:25:21,279

really couldn't see a lot when i went

381

00:25:25,360 --> 00:25:37,350

um

382

00:25:42,070 --> 00:25:39,350

but as the sun came up and i was able to

383

00:25:43,029 --> 00:25:42,080

see the beautiful earth below me flying

384

00:25:45,029 --> 00:25:43,039

by

385

00:25:47,190 --> 00:25:45,039

i held on a little tighter but i

386

00:25:52,870 --> 00:25:47,200

couldn't help but feel how beautiful our

387

00:25:52,880 --> 00:26:02,789

now

388

00:26:07,029 --> 00:26:04,789

and what's really nice about doing a

389

00:26:08,950 --> 00:26:07,039

spacewalk is you can turn your head

390

00:26:11,350 --> 00:26:08,960

essentially in any direction so you can

391

00:26:13,110 --> 00:26:11,360

see out into the cosmos you can look

392

00:26:15,190 --> 00:26:13,120

back at earth you can look at the

393

00:26:17,269 --> 00:26:15,200

sunrise the sunset you can turn any way

394

00:26:22,710 --> 00:26:17,279

you want to turn which you can't do when

395

00:26:47,669 --> 00:26:43,750

so

396

00:26:54,390 --> 00:26:47,679

forward to hopefully doing that one more

397

00:26:58,230 --> 00:26:56,230

thank you very much

398

00:26:59,909 --> 00:26:58,240

the three question limit for sunny has

399

00:27:02,149 --> 00:26:59,919

been

400

00:27:04,390 --> 00:27:02,159

reached so we are moving on to other

401  
00:27:06,070 --> 00:27:04,400  
crew members okay which is love even off

402  
00:27:08,710 --> 00:27:06,080  
interface i have a question for the

403  
00:27:11,590 --> 00:27:08,720  
commander will the crew be helping

404  
00:27:14,470 --> 00:27:11,600  
ground services to

405  
00:27:16,710 --> 00:27:14,480  
watch the consequences of floodings in

406  
00:27:18,549 --> 00:27:16,720  
kuban and in japan and do you have

407  
00:27:25,830 --> 00:27:18,559  
enough technical means to support this

408  
00:27:29,669 --> 00:27:27,830  
in case of any

409  
00:27:31,990 --> 00:27:29,679  
natural disasters

410  
00:27:32,830 --> 00:27:32,000  
every time every crew that is on board

411  
00:27:36,149 --> 00:27:32,840  
of the

412  
00:27:38,870 --> 00:27:36,159  
iss monitors the situation we always

413  
00:27:43,350 --> 00:27:41,110

high def imagery

414

00:27:45,269 --> 00:27:43,360

with high resolution

415

00:27:46,230 --> 00:27:45,279

so that we can downlink

416

00:27:49,669 --> 00:27:46,240

the

417

00:27:50,950 --> 00:27:49,679

images and have detailed information in

418

00:27:54,230 --> 00:27:50,960

real time

419

00:27:56,789 --> 00:27:54,240

on the ground that allows the

420

00:28:00,310 --> 00:27:56,799

information services that are dealing

421

00:28:05,909 --> 00:28:03,350

accurate information

422

00:28:08,950 --> 00:28:05,919

these images allow to see the details of

423

00:28:12,070 --> 00:28:08,960

the processes and tendencies and

424

00:28:15,110 --> 00:28:12,080

that are happening and also it helps

425

00:28:17,430 --> 00:28:15,120

understand the causes of different

426  
00:28:20,470 --> 00:28:17,440  
events and in the future

427  
00:28:26,070 --> 00:28:20,480  
use this data to prevent

428  
00:28:29,909 --> 00:28:27,590  
next question

429  
00:28:32,470 --> 00:28:29,919  
cbc canada my question is from mr

430  
00:28:34,389 --> 00:28:32,480  
hatfield um you're seeing right there at

431  
00:28:36,149 --> 00:28:34,399  
the end of the table your colleagues are

432  
00:28:38,070 --> 00:28:36,159  
going to have the chance of going up in

433  
00:28:40,389 --> 00:28:38,080  
space in a couple of days

434  
00:28:41,750 --> 00:28:40,399  
what's your feeling now

435  
00:28:43,110 --> 00:28:41,760  
you've been training for this mission as

436  
00:28:44,870 --> 00:28:43,120  
well just in case you have to replace

437  
00:28:47,269 --> 00:28:44,880  
somebody now you have to

438  
00:28:49,510 --> 00:28:47,279

on sunday something new starts for you

439

00:28:51,430 --> 00:28:49,520

new training everything so are these

440

00:28:53,430 --> 00:28:51,440

coming months going to be the

441

00:28:55,269 --> 00:28:53,440

longest days because you're going to be

442

00:28:56,710 --> 00:28:55,279

eagerly waiting for your turn to get

443

00:28:58,070 --> 00:28:56,720

there or is it going to be too short

444

00:28:59,269 --> 00:28:58,080

because you have so much to do to get

445

00:29:01,110 --> 00:28:59,279

ready

446

00:29:09,669 --> 00:29:01,120

uh and also if you can just answer in

447

00:29:36,470 --> 00:29:30,549

as

448

00:29:38,789 --> 00:29:36,480

training and preparation and support and

449

00:29:40,630 --> 00:29:38,799

and it measures uh not not months or

450

00:29:41,990 --> 00:29:40,640

weeks but years

451  
00:29:44,950 --> 00:29:42,000  
and uh

452  
00:29:47,029 --> 00:29:44,960  
we are here to support the prime crew

453  
00:29:49,510 --> 00:29:47,039  
and we will be ready in uh in five

454  
00:29:51,430 --> 00:29:49,520  
months for our own flight and

455  
00:29:53,909 --> 00:29:51,440  
this is this is an important threshold

456  
00:29:57,669 --> 00:29:53,919  
but it's one of thousands and and so

457  
00:29:59,190 --> 00:29:57,679  
it's it's time moves quickly and uh we

458  
00:30:01,909 --> 00:29:59,200  
are happy to be able to support right

459  
00:30:04,470 --> 00:30:01,919  
now but uh it's really just part of the

460  
00:31:16,710 --> 00:30:04,480  
long process to get us ready for our own

461  
00:31:16,720 --> 00:31:43,990  
uh

462  
00:31:47,509 --> 00:31:45,669  
very much as you can see our

463  
00:31:51,350 --> 00:31:47,519

international crew members can speak

464

00:31:54,789 --> 00:31:53,269

i have the same question for yuri and

465

00:31:56,549 --> 00:31:54,799

sunita

466

00:32:00,789 --> 00:31:56,559

what

467

00:32:02,870 --> 00:32:00,799

have regarding your flight with like

468

00:32:08,470 --> 00:32:02,880

akihiko

469

00:32:13,430 --> 00:32:10,389

in short it's a very good feeling

470

00:32:15,830 --> 00:32:13,440

akihiko as an individual

471

00:32:18,310 --> 00:32:15,840

is a good comrade a good friend

472

00:32:22,870 --> 00:32:18,320

we know each other very well he's a

473

00:32:25,909 --> 00:32:24,630

we have worked on different systems

474

00:32:28,149 --> 00:32:25,919

together on different different

475

00:32:30,549 --> 00:32:28,159

simulators

476  
00:32:32,630 --> 00:32:30,559  
inside soyuz and he understands

477  
00:32:34,789 --> 00:32:32,640  
everything very quickly he is well

478  
00:32:39,830 --> 00:32:34,799  
prepared and he's a high level

479  
00:32:43,029 --> 00:32:40,710  
it is

480  
00:32:44,950 --> 00:32:43,039  
nice to see that he is representing one

481  
00:32:47,190 --> 00:32:44,960  
of our iss

482  
00:32:49,669 --> 00:32:47,200  
program partners and it will be

483  
00:32:51,190 --> 00:32:49,679  
good for us to work with specialists who

484  
00:32:53,509 --> 00:32:51,200  
are in japan

485  
00:32:56,950 --> 00:32:53,519  
we have worked with them

486  
00:32:58,950 --> 00:32:56,960  
while preparing on the ground and

487  
00:33:01,110 --> 00:32:58,960  
we always have a good relationship with

488  
00:33:03,509 --> 00:33:01,120

them and now we will have an opportunity

489

00:33:04,549 --> 00:33:03,519

to work with them in space as well thank

490

00:33:07,509 --> 00:33:04,559

you

491

00:33:08,310 --> 00:33:07,519

and i agree aki is a great gift for our

492

00:33:10,470 --> 00:33:08,320

crew

493

00:33:13,110 --> 00:33:10,480

we're very lucky to have him as part of

494

00:33:15,190 --> 00:33:13,120

our crew um i can't imagine

495

00:33:17,509 --> 00:33:15,200

our crew without him we're sort of a

496

00:33:18,789 --> 00:33:17,519

small little family now so uh we are

497

00:33:20,870 --> 00:33:18,799

very lucky to

498

00:33:34,389 --> 00:33:20,880

be working together and have aki as part

499

00:33:34,399 --> 00:33:44,710

my

500

00:33:49,350 --> 00:33:47,669

i'm a student of journalism

501  
00:33:53,110 --> 00:33:49,360  
department of

502  
00:33:57,750 --> 00:33:53,120  
the kazakhstan state university i am

503  
00:34:04,149 --> 00:34:01,750  
as a practice and uh i'm sure my

504  
00:34:09,669 --> 00:34:04,159  
fellow students will be very jealous

505  
00:34:14,710 --> 00:34:11,190  
flew with talk

506  
00:34:17,109 --> 00:34:14,720  
and earned the honorable title of the

507  
00:34:20,629 --> 00:34:17,119  
national hero of kazakhstan do you see

508  
00:34:23,990 --> 00:34:20,639  
talgat very often and also

509  
00:34:25,829 --> 00:34:24,000  
the two kazakhstan

510  
00:34:28,069 --> 00:34:25,839  
cosmonauts so when will they get a

511  
00:34:30,149 --> 00:34:28,079  
chance to fly in space and can you help

512  
00:34:32,230 --> 00:34:30,159  
us here and also

513  
00:34:42,790 --> 00:34:32,240

what interests you the most thank you

514

00:34:49,829 --> 00:34:46,950

and i in 1994 flew in space together

515

00:34:53,430 --> 00:34:49,839

it's been 18 years since we flew and in

516

00:34:58,790 --> 00:34:56,470

accomplished two programs

517

00:34:59,510 --> 00:34:58,800

the program that was prepared by

518

00:35:03,910 --> 00:34:59,520

the

519

00:35:08,790 --> 00:35:03,920

and also we had a big

520

00:35:10,150 --> 00:35:08,800

program prepared for us by the uh

521

00:35:12,230 --> 00:35:10,160

academy

522

00:35:14,390 --> 00:35:12,240

of sciences of uh the republic of

523

00:35:19,750 --> 00:35:14,400

kazakhstan that was very interesting as

524

00:35:24,470 --> 00:35:21,349

in the end of our flight after we

525

00:35:26,630 --> 00:35:24,480

accomplished this program we were given

526  
00:35:28,790 --> 00:35:26,640  
the owner of the heroes of the republic

527  
00:35:32,069 --> 00:35:28,800  
of kazakhstan that was bestowed on us by

528  
00:35:34,069 --> 00:35:32,079  
the president of kazakhstan

529  
00:35:35,589 --> 00:35:34,079  
we keep in touch

530  
00:35:37,270 --> 00:35:35,599  
we talk

531  
00:35:39,349 --> 00:35:37,280  
regularly

532  
00:35:43,109 --> 00:35:39,359  
last time i saw him was actually today

533  
00:35:47,349 --> 00:35:46,230  
and he will be watching our launch and

534  
00:35:52,069 --> 00:35:47,359  
of course

535  
00:35:54,150 --> 00:35:52,790  
see

536  
00:36:01,349 --> 00:35:54,160  
representatives of kazakhstan

537  
00:36:04,310 --> 00:36:03,349  
and the two crew members that you

538  
00:36:07,910 --> 00:36:04,320

mentioned

539

00:36:10,630 --> 00:36:07,920

were trained in star city in russia and

540

00:36:14,150 --> 00:36:10,640

they are ready to be included in a

541

00:36:16,230 --> 00:36:14,160

specific group and maybe even

542

00:36:18,390 --> 00:36:16,240

be included in specific crews and i know

543

00:36:21,109 --> 00:36:18,400

that there are negotiations going on at

544

00:36:36,069 --> 00:36:21,119

this time i'm sure

545

00:36:36,079 --> 00:36:48,470

station thank you

546

00:36:53,190 --> 00:36:50,550

today you talked a lot about your

547

00:36:55,190 --> 00:36:53,200

science experiments over

548

00:36:56,550 --> 00:36:55,200

40 experiments

549

00:36:58,790 --> 00:36:56,560

the most

550

00:37:00,710 --> 00:36:58,800

interesting ones maybe can you narrow

551  
00:37:02,630 --> 00:37:00,720  
down to three maybe you'll grow flowers

552  
00:37:04,390 --> 00:37:02,640  
on board of the iss that you will be

553  
00:37:07,109 --> 00:37:04,400  
growing out of seeds that you will bring

554  
00:37:09,750 --> 00:37:07,119  
with you or something like this

555  
00:37:10,870 --> 00:37:09,760  
can you mention three most interesting

556  
00:37:12,950 --> 00:37:10,880  
or

557  
00:37:14,630 --> 00:37:12,960  
most fascinating experiments do i

558  
00:37:16,150 --> 00:37:14,640  
understand that this question is

559  
00:37:18,470 --> 00:37:16,160  
correctly that this question is for all

560  
00:37:20,390 --> 00:37:18,480  
crew members yes

561  
00:37:22,950 --> 00:37:20,400  
no

562  
00:37:25,990 --> 00:37:22,960  
for me

563  
00:37:27,990 --> 00:37:26,000

all experiments are

564

00:37:29,270 --> 00:37:28,000

always interesting i don't like to

565

00:37:31,270 --> 00:37:29,280

single out

566

00:37:33,990 --> 00:37:31,280

some of them

567

00:37:35,589 --> 00:37:34,000

any of them for example when we go

568

00:37:37,430 --> 00:37:35,599

outside of the station we will be

569

00:37:39,190 --> 00:37:37,440

collecting samples

570

00:37:41,510 --> 00:37:39,200

and this will be continuation of the

571

00:37:43,829 --> 00:37:41,520

scientific experiments that experiment

572

00:37:46,390 --> 00:37:43,839

that's been going on for years

573

00:37:49,030 --> 00:37:46,400

we will be collecting samples from the

574

00:37:50,870 --> 00:37:49,040

surface of the iss

575

00:37:52,950 --> 00:37:50,880

and

576  
00:37:54,390 --> 00:37:52,960  
bring them back inside the airlock

577  
00:37:56,950 --> 00:37:54,400  
and then

578  
00:37:59,510 --> 00:37:56,960  
to be subsequently returned to the

579  
00:38:03,270 --> 00:38:00,870  
where they will be studied and

580  
00:38:05,349 --> 00:38:03,280  
researched this is very research this is

581  
00:38:07,510 --> 00:38:05,359  
very important

582  
00:38:10,790 --> 00:38:07,520  
it will be important for building future

583  
00:38:10,800 --> 00:38:13,829  
rockets

584  
00:38:16,790 --> 00:38:15,990  
another experiment that we will be doing

585  
00:38:18,310 --> 00:38:16,800  
is

586  
00:38:20,710 --> 00:38:18,320  
launching

587  
00:38:23,349 --> 00:38:20,720  
a small satellite by

588  
00:38:26,470 --> 00:38:23,359

by jettisoning it with the help of um

589

00:38:29,829 --> 00:38:26,480

special mechanism that allows it to

590

00:38:33,510 --> 00:38:29,839

launch it in the correct direction

591

00:38:35,190 --> 00:38:33,520

it will be sort of a spring mechanism

592

00:38:37,670 --> 00:38:35,200

that will allow us to jettison it

593

00:38:43,030 --> 00:38:40,950

we will be conducting research

594

00:38:48,790 --> 00:38:43,040

to allow us to understand better the

595

00:38:54,550 --> 00:38:51,510

what angles is this trajectories assume

596

00:39:00,150 --> 00:38:54,560

etc so that is also important for us to

597

00:39:00,160 --> 00:39:03,030

of satellites

598

00:39:09,030 --> 00:39:05,510

that becomes important even in uh

599

00:39:10,069 --> 00:39:09,040

piloting a manned spacecraft as well

600

00:39:11,589 --> 00:39:10,079

maybe

601  
00:39:13,270 --> 00:39:11,599  
sunny will want to talk about an

602  
00:39:15,349 --> 00:39:13,280  
experiment there's so many experiments

603  
00:39:17,190 --> 00:39:15,359  
that we'll be we're participating in and

604  
00:39:19,030 --> 00:39:17,200  
that will be occurring on the space

605  
00:39:20,550 --> 00:39:19,040  
station it's sort of hard to say which

606  
00:39:22,069 --> 00:39:20,560  
ones you like the best or which ones are

607  
00:39:25,109 --> 00:39:22,079  
the most interesting

608  
00:39:25,119 --> 00:39:34,230  
experience

609  
00:39:39,109 --> 00:39:37,109  
so i'll put it in a categories rather

610  
00:39:40,550 --> 00:39:39,119  
than a specific experiment if that's

611  
00:39:44,950 --> 00:39:40,560  
okay

612  
00:39:48,790 --> 00:39:47,109  
um like biological experiments that

613  
00:39:51,349 --> 00:39:48,800

we'll be doing on ourselves i think are

614

00:39:53,589 --> 00:39:51,359

very important to understand what

615

00:40:13,270 --> 00:39:53,599

happens to the human body so we can go

616

00:40:18,630 --> 00:40:14,950

and those experiments involve physical

617

00:40:20,630 --> 00:40:18,640

fitness taking samples from ourselves uh

618

00:40:42,069 --> 00:40:20,640

using ultrasound

619

00:40:46,630 --> 00:40:44,470

and then there's a general category of

620

00:40:50,309 --> 00:40:46,640

education and understanding just some of

621

00:40:56,870 --> 00:40:50,319

the basic things that happen in space

622

00:41:02,150 --> 00:40:59,109

some of that is basic physics and other

623

00:41:04,309 --> 00:41:02,160

other things in that category involve an

624

00:41:15,510 --> 00:41:04,319

experiment with a jumping spider

625

00:41:20,390 --> 00:41:18,630

and the third group of experiments which

626  
00:41:22,550 --> 00:41:20,400  
are occurring on the space station we're

627  
00:41:33,190 --> 00:41:22,560  
not even part of our of course ams which

628  
00:41:37,510 --> 00:41:35,589  
and also ground control type of

629  
00:41:39,349 --> 00:41:37,520  
experiments where while we're up there

630  
00:41:41,270 --> 00:41:39,359  
they'll be performing a refueling

631  
00:41:43,910 --> 00:41:41,280  
external refueling mission

632  
00:41:46,069 --> 00:41:43,920  
using ground control so the station has

633  
00:41:48,550 --> 00:41:46,079  
all sorts of facets of science it's hard

634  
00:42:01,270 --> 00:41:48,560  
to actually pin down which is the

635  
00:42:05,829 --> 00:42:03,270  
well just like sunny said it's a very

636  
00:42:14,829 --> 00:42:05,839  
hard to choose one out of a many

637  
00:42:20,630 --> 00:42:17,990  
experiments there is however one unique

638  
00:42:22,630 --> 00:42:20,640

uh uh experiment or technical experiment

639

00:42:27,109 --> 00:42:22,640

that uh we'll be doing during our

640

00:42:27,119 --> 00:42:31,349

experiment

641

00:42:36,390 --> 00:42:33,670

and that is to deploy a small satellite

642

00:42:38,950 --> 00:42:36,400

actually five of them uh uh using the

643

00:42:48,309 --> 00:42:38,960

japanese robotic arm

644

00:42:52,550 --> 00:42:50,390

in the past we either launched

645

00:42:54,870 --> 00:42:52,560

small satellites piggybacking big

646

00:42:56,470 --> 00:42:54,880

satellites or like the russian cosmos

647

00:43:10,710 --> 00:42:56,480

has been doing

648

00:43:17,750 --> 00:43:12,950

is

649

00:43:20,069 --> 00:43:17,760

first time launching it satellites in

650

00:43:22,390 --> 00:43:20,079

the htv

651  
00:43:25,349 --> 00:43:22,400  
spacecraft and then

652  
00:43:27,270 --> 00:43:25,359  
opening it up inside the space station

653  
00:43:29,589 --> 00:43:27,280  
using the japanese airlock to put it

654  
00:43:32,150 --> 00:43:29,599  
bring it outside

655  
00:43:32,950 --> 00:43:32,160  
grab it with a japanese robotic arm and

656  
00:43:38,790 --> 00:43:32,960  
then

657  
00:43:38,800 --> 00:43:52,950  
that

658  
00:43:58,870 --> 00:43:55,349  
immobile

659  
00:44:01,430 --> 00:43:58,880  
and we hope that this will open up more

660  
00:44:02,230 --> 00:44:01,440  
opportunities for other users not just

661  
00:44:03,430 --> 00:44:02,240  
the

662  
00:44:05,750 --> 00:44:03,440  
users that

663  
00:44:21,589 --> 00:44:05,760

exist right now but open up

664

00:44:26,950 --> 00:44:23,829

thank you very much let's

665

00:44:29,349 --> 00:44:26,960

ask questions

666

00:44:31,030 --> 00:44:29,359

specifically

667

00:44:34,069 --> 00:44:31,040

addressing them for specific crew

668

00:44:36,069 --> 00:44:34,079

members rather than an entire crew

669

00:44:38,150 --> 00:44:36,079

in the interest of time and if you could

670

00:44:40,309 --> 00:44:38,160

as well answer in french and english

671

00:44:41,910 --> 00:44:40,319

that would be wonderful

672

00:44:43,190 --> 00:44:41,920

so although

673

00:44:44,550 --> 00:44:43,200

most of you have

674

00:44:46,950 --> 00:44:44,560

come from very different cultural

675

00:44:48,470 --> 00:44:46,960

backgrounds and you have a wide range of

676  
00:44:50,790 --> 00:44:48,480  
expertise

677  
00:44:51,829 --> 00:44:50,800  
there's one common thread that ties you

678  
00:44:53,829 --> 00:44:51,839  
all together

679  
00:44:56,790 --> 00:44:53,839  
which is that you're all very strong

680  
00:44:59,190 --> 00:44:56,800  
leaders chris could you tell us

681  
00:45:01,510 --> 00:44:59,200  
if you have any advice to give the

682  
00:45:03,829 --> 00:45:01,520  
young students of canada

683  
00:45:41,990 --> 00:45:03,839  
to become stronger leaders to their

684  
00:45:46,230 --> 00:45:44,230  
the first step that i i have the

685  
00:45:48,470 --> 00:45:46,240  
opportunity and all of us do luckily to

686  
00:45:50,150 --> 00:45:48,480  
speak to tens of thousands of young

687  
00:45:57,190 --> 00:45:50,160  
people around the world it's a real

688  
00:45:57,200 --> 00:46:03,430

um

689

00:46:06,870 --> 00:46:05,030

the first and most important facet of

690

00:46:08,870 --> 00:46:06,880

leadership is competence

691

00:46:10,950 --> 00:46:08,880

you have to have competence whatever

692

00:46:13,190 --> 00:46:10,960

your field of leadership is in you need

693

00:46:15,589 --> 00:46:13,200

to have done the work uh prepared

694

00:46:17,670 --> 00:46:15,599

yourself so that you have the technical

695

00:46:19,190 --> 00:46:17,680

capability in order to lead the people

696

00:46:24,790 --> 00:46:19,200

that are going to follow you

697

00:46:24,800 --> 00:46:28,470

please

698

00:46:32,390 --> 00:46:30,470

and then the second most important is

699

00:46:35,270 --> 00:46:32,400

communication you have to find out what

700

00:46:37,430 --> 00:46:35,280

people want and look for in advance you

701

00:46:40,390 --> 00:46:37,440

have to tell them real time

702

00:46:42,470 --> 00:46:40,400

uh what has to happen if it's an urgent

703

00:46:43,910 --> 00:46:42,480

moment or even a quiet moment and then

704

00:46:46,309 --> 00:46:43,920

you have to listen to what they say in

705

00:46:48,470 --> 00:46:46,319

response two-way communication is the

706

00:46:52,390 --> 00:46:48,480

other vital part of good and effective

707

00:46:52,400 --> 00:48:18,069

uh

708

00:48:23,030 --> 00:48:20,069

russia today television i have two

709

00:48:24,950 --> 00:48:23,040

questions um first one would be

710

00:48:28,309 --> 00:48:24,960

usually people when they are facing an

711

00:48:29,990 --> 00:48:28,319

important moment in their lives they

712

00:48:31,589 --> 00:48:30,000

they well they have like a soundtrack

713

00:48:33,430 --> 00:48:31,599

there's a soundtrack that

714

00:48:34,950 --> 00:48:33,440

pops up in their mind and i was

715

00:48:37,190 --> 00:48:34,960

wondering what is going to be your

716

00:48:38,870 --> 00:48:37,200

soundtrack on sunday when you are

717

00:48:45,190 --> 00:48:38,880

sitting in that so use on the way to the

718

00:48:45,200 --> 00:49:03,589

that you have

719

00:49:08,230 --> 00:49:05,670

the second question would be um if you

720

00:49:10,549 --> 00:49:08,240

have if you had to choose to pick

721

00:49:13,670 --> 00:49:10,559

one single thing that you haven't done

722

00:49:29,190 --> 00:49:13,680

in space or in the iss still what would

723

00:49:29,200 --> 00:49:32,950

and of course that you really want to do

724

00:49:35,190 --> 00:49:33,589

it

725

00:49:38,150 --> 00:49:35,200

i'll answer the first question if that's

726

00:49:42,150 --> 00:49:39,670

because i sort of started thinking about

727

00:49:48,630 --> 00:49:42,160

this a little bit and um the black-eyed

728

00:49:52,390 --> 00:49:50,069

and if you know the song tonight's going

729

00:50:10,230 --> 00:49:52,400

to be a good time and the second one of

730

00:50:16,069 --> 00:50:12,950

so uh just to uh touch on the first

731

00:50:19,349 --> 00:50:16,079

question uh we'll see what pops up in my

732

00:50:22,150 --> 00:50:19,359

mind that day when i'm uh sitting but uh

733

00:50:24,710 --> 00:50:22,160

there is a new jaxa theme song for this

734

00:50:27,430 --> 00:50:24,720

mission so i look forward to uh

735

00:50:29,349 --> 00:50:27,440

listening to that uh well probably once

736

00:50:31,750 --> 00:50:29,359

i'm on orbit or maybe

737

00:50:48,790 --> 00:50:31,760

even earlier so we'll see about that

738

00:50:52,470 --> 00:50:50,710

and for the second question there's one

739

00:51:06,829 --> 00:50:52,480

thing that i'm looking forward to and

740

00:51:06,839 --> 00:51:11,990

um regarding the music it's an important

741

00:51:17,910 --> 00:51:14,870

moment and i don't know if i'll

742

00:51:20,630 --> 00:51:17,920

have music in my head at that time but

743

00:51:26,950 --> 00:51:20,640

if sonny has music then i can listen to

744

00:51:33,349 --> 00:51:28,870

what i look forward to on board of the

745

00:51:35,750 --> 00:51:33,359

iss uh my entire life i've been a pilot

746

00:51:39,750 --> 00:51:35,760

if i was short of the on time and could

747

00:51:41,910 --> 00:51:39,760

only do one thing i would fly around

748

00:51:44,950 --> 00:51:41,920

the station and enjoy the view because

749

00:51:47,829 --> 00:51:44,960

it's a wonderful creation of humanity

750

00:51:51,670 --> 00:51:47,839

it looks great against the background of

751  
00:51:53,910 --> 00:51:51,680  
the earth and it changes entirely when

752  
00:51:55,910 --> 00:51:53,920  
the sun rises or when the sun sets it's

753  
00:51:57,750 --> 00:51:55,920  
a completely different view different

754  
00:51:59,030 --> 00:51:57,760  
colors it's gorgeous first question i

755  
00:52:01,270 --> 00:51:59,040  
would say that

756  
00:52:03,589 --> 00:52:01,280  
i don't know what pops up in my mind

757  
00:52:05,510 --> 00:52:03,599  
when i will be preparing for my launch

758  
00:52:07,030 --> 00:52:05,520  
so i will be listening sunny's music

759  
00:52:09,589 --> 00:52:07,040  
that's okay for me

760  
00:52:12,549 --> 00:52:09,599  
and um answering the second question the

761  
00:52:15,589 --> 00:52:12,559  
only one thing that i would like to do

762  
00:52:18,069 --> 00:52:15,599  
uh is to fly around the house station

763  
00:52:21,109 --> 00:52:18,079

onboard the soyuz because station is so

764

00:52:23,510 --> 00:52:21,119

huge and views are so different and

765

00:52:27,829 --> 00:52:23,520

beautiful and it's pretty nice to see

766

00:52:36,230 --> 00:52:27,839

when the sun rises and sun sets and it's

767

00:52:43,430 --> 00:52:37,829

looks like we've answered this question

768

00:52:53,030 --> 00:52:44,549

nhk

769

00:52:57,750 --> 00:52:53,829

you

770

00:53:02,390 --> 00:52:57,760

dream is to make

771

00:53:06,230 --> 00:53:04,630

to the people on earth how do you see

772

00:53:08,630 --> 00:53:06,240

you can accomplish that and also you

773

00:53:11,190 --> 00:53:08,640

mentioned their first satellite that you

774

00:53:13,030 --> 00:53:11,200

will be launching from the kibo

775

00:53:15,430 --> 00:53:13,040

module what is the message that you

776

00:53:18,150 --> 00:53:15,440

would like to send to the students and

777

00:53:19,990 --> 00:53:18,160

to the people who are working on making

778

00:53:35,670 --> 00:53:20,000

these satellites and we'll do that in

779

00:53:40,710 --> 00:53:38,069

so for the first question um

780

00:53:43,510 --> 00:53:40,720

yes uh i think uh you know right now

781

00:53:45,910 --> 00:53:43,520

there's only a handful of people

782

00:53:47,270 --> 00:53:45,920

that go up to space every year and

783

00:53:50,470 --> 00:53:47,280

that's just the cosmonauts and

784

00:53:59,349 --> 00:53:50,480

astronauts and another handful of people

785

00:54:05,030 --> 00:54:02,470

but as you can see today in this room uh

786

00:54:07,990 --> 00:54:05,040

we've all been to space we've all worked

787

00:54:14,069 --> 00:54:08,000

in space already and it's becoming a

788

00:54:14,079 --> 00:54:21,190

of course

789

00:54:24,630 --> 00:54:22,790

and i think it's our job and

790

00:54:36,230 --> 00:54:24,640

responsibility to

791

00:54:40,630 --> 00:54:37,750

and for your second question regarding

792

00:54:43,910 --> 00:54:40,640

the uh small satellites um we have five

793

00:54:46,630 --> 00:54:43,920

satellites uh they are built by uh

794

00:54:49,190 --> 00:54:46,640

university students as well as some uh

795

00:55:02,390 --> 00:54:49,200

companies in japan and uh in the united

796

00:55:05,109 --> 00:55:03,430

and

797

00:55:07,910 --> 00:55:05,119

in the past it was more for the

798

00:55:09,430 --> 00:55:07,920

university students to uh to experience

799

00:55:11,990 --> 00:55:09,440

the project

800

00:55:14,150 --> 00:55:12,000

but now it's more and more towards a

801  
00:55:16,069 --> 00:55:14,160  
business different companies has

802  
00:55:19,670 --> 00:55:16,079  
different

803  
00:55:24,309 --> 00:55:19,680  
ideas

804  
00:55:24,319 --> 00:55:42,069  
it is

805  
00:55:47,670 --> 00:55:45,109  
so i encourage everyone any either in

806  
00:55:49,910 --> 00:55:47,680  
universities or in the industries to

807  
00:55:59,589 --> 00:55:49,920  
come up with different ideas and try it

808  
00:55:59,599 --> 00:56:11,990  
company

809  
00:56:16,549 --> 00:56:14,069  
thank you very much this completes our

810  
00:56:18,870 --> 00:56:16,559  
press conference

811  
00:56:22,710 --> 00:56:18,880  
please thank our cosmonauts for their

812  
00:56:27,270 --> 00:56:25,430  
we wish the prime crew a successful

813  
00:56:29,829 --> 00:56:27,280

launch and successful work on board over

814

00:56:31,430 --> 00:56:29,839

the iss and a successful return and for

815

00:56:32,789 --> 00:56:31,440

the backup crew

816

00:56:35,109 --> 00:56:32,799

successful preparation for their

817

00:56:37,270 --> 00:56:35,119

december launch and the traditional

818

00:56:52,470 --> 00:56:37,280

photograph

819

00:56:52,480 --> 00:57:24,950

both crews please

820

00:57:28,630 --> 00:57:26,950

republish it