



1
00:00:56,140 --> 00:01:20,820

you

2
00:01:24,640 --> 00:01:23,200

good morning and radish welcome to

3
00:01:29,950 --> 00:01:24,650

another day of your space out of fee

4
00:01:31,720 --> 00:01:29,960

join with me r we're ready to row before

5
00:01:33,730 --> 00:01:31,730

Houston thanks very much for the

6
00:01:35,560 --> 00:01:33,740

inspirational music we sort of feel like

7
00:01:37,810 --> 00:01:35,570

we're a movie up here it's so wonderful

8
00:01:41,590 --> 00:01:37,820

and all ready to go two thousand and one

9
00:01:51,090 --> 00:01:41,600

percent I think you've been running at

10
00:02:25,620 --> 00:01:58,930

Atlantis Houston West lot clearer and

11
00:02:25,630 --> 00:02:31,730

and we'll all get when you're complete

12
00:02:31,740 --> 00:03:11,320

thank you will give you a call

13
00:03:11,330 --> 00:03:27,140

ah

14

00:03:31,980 --> 00:03:29,550

Lana's Houston you should have a sort of

15

00:03:34,050 --> 00:03:31,990

pages of the flight plan on board we're

16

00:04:33,719 --> 00:03:34,060

also getting a continuous air-to-ground

17

00:04:39,490 --> 00:04:36,580

Atlantis Houston planning shift is going

18

00:04:41,620 --> 00:04:39,500

off shift right now you guys have come

19

00:04:44,290 --> 00:04:41,630

on working really strong this morning

20

00:04:46,180 --> 00:04:44,300

thanks for that great test we're turning

21

00:04:48,309 --> 00:04:46,190

you over to add a billion story have a

22

00:04:49,570 --> 00:04:48,319

great day aboard mirror and aboard

23

00:04:57,790 --> 00:04:49,580

atlantis and we'll talk to you again

24

00:07:24,380 --> 00:04:57,800

next time thanks a lot to the Nights

25

00:07:34,740 --> 00:07:26,379

but

26

00:07:34,750 --> 00:07:49,399

krista xia will be the perfect place

27

00:07:49,409 --> 00:08:24,630

project

28

00:08:24,640 --> 00:09:18,930

we're working it

29

00:09:34,440 --> 00:09:23,230

but again you dear come on Yuri and

30

00:09:40,240 --> 00:09:37,960

we're very happy to be with you gonna

31

00:09:44,850 --> 00:09:40,250

put the poker after our line operation

32

00:09:47,710 --> 00:09:44,860

here in Houston and Moscow University

33

00:09:49,720 --> 00:09:47,720

Malaga we've already done a lot in my

34

00:09:51,760 --> 00:09:49,730

opinion if a bit more do you had not

35

00:09:57,280 --> 00:09:51,770

found fee to install the module in the

36

00:10:00,160 --> 00:09:57,290

station of congenital anomaly and

37

00:10:05,140 --> 00:10:00,170

together transferred many kilograms of

38

00:10:13,110 --> 00:10:05,150

cargo now we'd like to officially and

39

00:10:17,380 --> 00:10:13,120

unofficially and personal gifts this is

40

00:10:20,200 --> 00:10:17,390

350 is symbolic plaque of the

41

00:10:27,310 --> 00:10:20,210

International Space Station and of mirin

42

00:10:40,509 --> 00:10:27,320

shuffle there is Blum's of NASA the

43

00:10:45,650 --> 00:10:44,120

like it greatly thank you very much and

44

00:10:49,310 --> 00:10:45,660

thanks to the crew of the shuttle this

45

00:10:52,519 --> 00:10:49,320

is a very beautiful and memorable gift

46

00:10:54,410 --> 00:10:52,529

it will absolutely remind us of our

47

00:10:57,740 --> 00:10:54,420

joint work in our training for this

48

00:11:05,929 --> 00:10:57,750

flight and we will treasure it with

49

00:11:13,119 --> 00:11:09,349

he least I said leave it or both what do

50

00:11:17,299 --> 00:11:13,129

you think we worked on the first phase

51
00:11:25,460 --> 00:11:17,309
the International Space Station as you

52
00:11:30,540 --> 00:11:25,470
see the entire shuttle crew are now

53
00:11:39,030 --> 00:11:36,240
with football gta5 the football a

54
00:11:41,430 --> 00:11:39,040
footballing emblem what about to leave

55
00:11:45,440 --> 00:11:41,440
me esta and I would like for us while

56
00:11:48,660 --> 00:11:45,450
we're working together who masters of

57
00:11:53,130 --> 00:11:48,670
Sevilla sneak a few to have a joint

58
00:11:55,540 --> 00:11:53,140
uniform so here are you are here the

59
00:11:59,059 --> 00:11:55,550
heart

60
00:12:07,100 --> 00:11:59,069
so here are some some t-shirts for first

61
00:12:09,290 --> 00:12:07,110
phase well these will this phase of the

62
00:12:12,439 --> 00:12:09,300
flight will continue there's a second

63
00:12:16,249 --> 00:12:12,449

and third and onward back to this course

64

00:12:19,299 --> 00:12:16,259

and we on the damn sister oh that our

65

00:12:23,869 --> 00:12:19,309

friendship and cooperation between our

66

00:12:25,999 --> 00:12:23,879

peoples will develop a fruitful rate of

67

00:12:36,830 --> 00:12:26,009

wrong with the unstructured account of

68

00:12:48,380 --> 00:12:41,360

I the shalini document the official kia

69

00:13:34,319 --> 00:12:48,390

the kia official documentation nasa from

70

00:13:50,069 --> 00:13:37,840

kure these special plaques have flown

71

00:14:13,290 --> 00:13:50,079

already it's written the crew of mere 18

72

00:14:19,410 --> 00:14:16,199

and Houston Atlantis will we have a to

73

00:14:22,259 --> 00:14:19,420

tax one in English and one in Russian

74

00:14:25,829 --> 00:14:22,269

commemorating the phase one US Russia

75

00:14:30,540 --> 00:14:25,839

program as like petals and a flower

76
00:14:32,310 --> 00:14:30,550
surrounding the phase one emblem spaces

77
00:14:34,650 --> 00:14:32,320
for the crews of each of these lights

78
00:14:36,840 --> 00:14:34,660
near and shuttle we're participating in

79
00:14:38,400 --> 00:14:36,850
phase one leading to accomplishing all

80
00:14:40,769 --> 00:14:38,410
the objectives that we need in order to

81
00:15:10,290 --> 00:14:40,779
build the International Space Station in

82
00:15:16,360 --> 00:15:13,810
and now isn't as important as official

83
00:15:20,230 --> 00:15:16,370
commemorative gifts between programs

84
00:15:22,150 --> 00:15:20,240
between nations are we also think that

85
00:15:24,010 --> 00:15:22,160
it's very important to mark an occasion

86
00:15:27,100 --> 00:15:24,020
with personal gifts that have

87
00:15:30,370 --> 00:15:27,110
significance for the crews that are

88
00:15:33,430 --> 00:15:30,380

they're actually flying and the crew of

89

00:15:35,980 --> 00:15:33,440

SPS 74 has a presentation item that we

90

00:15:40,980 --> 00:15:35,990

think will be significant for the crews

91

00:15:49,740 --> 00:15:45,600

I am training together we had the

92

00:15:52,380 --> 00:15:49,750

opportunity to both trained officially

93

00:15:54,360 --> 00:15:52,390

and unofficially of socializing and one

94

00:15:57,510 --> 00:15:54,370

of the social events was sitting and

95

00:16:00,180 --> 00:15:57,520

playing guitar together and thinking of

96

00:16:01,980 --> 00:16:00,190

the long time that these gentlemen get

97

00:16:06,150 --> 00:16:01,990

to spend of its space we thought what

98

00:16:07,560 --> 00:16:06,160

might be a useful gift to pass the hours

99

00:16:09,240 --> 00:16:07,570

when there isn't a lot of work to do

100

00:16:11,850 --> 00:16:09,250

with the evenings and on weekends is to

101
00:16:14,370 --> 00:16:11,860
have a guitar to play and so I would

102
00:16:16,530 --> 00:16:14,380
like to present to the fair 20 crew and

103
00:16:19,680 --> 00:16:16,540
all the subsequent crews biscuits are on

104
00:16:21,870 --> 00:16:19,690
behalf of the mere 74 clue

105
00:16:23,460 --> 00:16:21,880
just fortunate that he s my good

106
00:17:28,580 --> 00:16:23,470
daughter watch it this is a very

107
00:17:33,750 --> 00:17:32,070
Houston is much already know part of the

108
00:17:37,050 --> 00:17:33,760
advantages are part of the environment

109
00:17:40,590 --> 00:17:37,060
we live in it its faces digs around 50 G

110
00:17:42,930 --> 00:17:40,600
fans pumps and mechanical devices that

111
00:17:45,120 --> 00:17:42,940
make trouble acoustic instruments

112
00:17:46,860 --> 00:17:45,130
difficult to appreciate this particular

113
00:17:50,520 --> 00:17:46,870

guitar is designed to operate with

114

00:17:53,010 --> 00:17:50,530

headphones that makes the solo

115

00:17:54,510 --> 00:17:53,020

experience of playing guitar one that

116

00:17:56,880 --> 00:17:54,520

can be enjoyed even in a noisy

117

00:17:59,790 --> 00:17:56,890

environment we hope that the crew mirror

118

00:18:02,310 --> 00:17:59,800

enjoys this and will find that this is a

119

00:18:04,740 --> 00:18:02,320

good memory of the fellowship that

120

00:18:09,820 --> 00:18:04,750

exists between space travelers of all

121

00:18:17,080 --> 00:18:13,060

I think that is really an excellent

122

00:18:18,940 --> 00:18:17,090

instrument to have on board not only the

123

00:18:21,340 --> 00:18:18,950

fear and subtle station but also

124

00:18:24,639 --> 00:18:21,350

something for the future space station

125

00:18:26,950 --> 00:18:24,649

where of course also i hope will be some

126

00:18:30,490 --> 00:18:26,960

time for the cruise tomorrow spend on

127

00:18:34,210 --> 00:18:30,500

spare time and i think in view of this

128

00:18:40,490 --> 00:18:34,220

future when we open now the area of

129

00:18:49,400 --> 00:18:44,390

I would like to say several words in

130

00:18:52,250 --> 00:18:49,410

russian see a part that you can't see on

131

00:18:57,260 --> 00:18:52,260

this screen I'll just turn the guitar a

132

00:19:01,250 --> 00:18:57,270

little this guitar can be folded in half

133

00:19:03,650 --> 00:19:01,260

even as you know station on which we are

134

00:19:06,770 --> 00:19:03,660

working now the international space dock

135

00:19:10,130 --> 00:19:06,780

station and mirror is not the first one

136

00:19:13,430 --> 00:19:10,140

that has been working in orbit and many

137

00:19:15,950 --> 00:19:13,440

things that are on this station were

138

00:19:19,850 --> 00:19:15,960

brought from the other station which was

139

00:19:23,590 --> 00:19:19,860

also operating in space and I'd like to

140

00:19:30,070 --> 00:19:23,600

say that the future station which will

141

00:19:33,490 --> 00:19:30,080

be built in several years and will be

142

00:19:36,380 --> 00:19:33,500

hosting both Russian American German

143

00:19:39,650 --> 00:19:36,390

European another specialist from other

144

00:19:43,940 --> 00:19:39,660

nations that this will also take its

145

00:19:46,250 --> 00:19:43,950

honored place in the musical orchestra

146

00:19:51,440 --> 00:19:46,260

that will be on the future station thank

147

00:19:53,540 --> 00:19:51,450

you very much you all very welcome we'll

148

00:19:56,330 --> 00:19:53,550

be looking forward to a concert soon in

149

00:19:59,200 --> 00:19:56,340

the future and as I'm sure everybody on

150

00:20:02,420 --> 00:19:59,210

the crew and also in Houston is aware

151
00:20:04,010 --> 00:20:02,430
the language is that we all seek from

152
00:20:06,860 --> 00:20:04,020
coming from different countries can

153
00:20:10,070 --> 00:20:06,870
sometimes be a problem we've had learn

154
00:20:13,670 --> 00:20:10,080
to work together and overcome a language

155
00:20:15,170 --> 00:20:13,680
barrier and we feel that one

156
00:20:16,910 --> 00:20:15,180
international language is the language

157
00:20:46,290 --> 00:20:16,920
of music and we hope that when i'll

158
00:20:54,640 --> 00:20:49,980
yuriai have one more thing for your crew

159
00:20:57,040 --> 00:20:54,650
not not everyone on the space station or

160
00:20:59,140 --> 00:20:57,050
a space shuttle is musically talented

161
00:21:02,080 --> 00:20:59,150
enough to be able to play a musical

162
00:21:04,840 --> 00:21:02,090
instrument so therefore i bought some

163
00:21:11,550 --> 00:21:04,850

tape music for you to enjoy it's country

164

00:21:15,190 --> 00:21:11,560

music and countries from from tejas and

165

00:21:17,590 --> 00:21:15,200

i think i saw a very large collection of

166

00:21:22,410 --> 00:21:17,600

tapes back in the core module I hope to

167

00:21:28,900 --> 00:21:24,850

was it but you might expect rightly

168

00:21:30,790 --> 00:21:28,910

approved for the cassette we like

169

00:21:33,390 --> 00:21:30,800

country music and it will remind us of

170

00:21:45,260 --> 00:21:33,400

the time when we were in Houston

171

00:21:50,510 --> 00:21:47,660

what the better get it in yep dear

172

00:21:54,490 --> 00:21:50,520

friends we would like to give you the

173

00:21:59,090 --> 00:21:54,500

crew of SS sts 74 atlantis to give you a

174

00:22:02,900 --> 00:21:59,100

memento of our joint preparation flight

175

00:22:06,830 --> 00:22:02,910

and this bra photograph was made before

176

00:22:08,720 --> 00:22:06,840

our flight starting the lunch committee

177

00:22:10,510 --> 00:22:08,730

and who to deter cruising going to

178

00:22:14,450 --> 00:22:10,520

determine who is the crime and backup

179

00:22:17,200 --> 00:22:14,460

crew here's a UN flag which will give to

180

00:22:20,150 --> 00:22:17,210

you and we would like this photograph to

181

00:22:26,410 --> 00:22:20,160

remind you of our joint of light here

182

00:22:26,420 --> 00:22:36,710

those who are out here

183

00:22:36,720 --> 00:23:53,490

thank you very much

184

00:24:01,410 --> 00:23:56,850

let the Emperor's we prepared for you

185

00:24:05,040 --> 00:24:01,420

small packages with symbolic souvenirs

186

00:24:10,650 --> 00:24:05,050

so they would remind you of our joint

187

00:24:14,180 --> 00:24:10,660

flight of the of the with the crew of

188

00:24:20,640 --> 00:24:14,190

mere I'll just show you what's inside

189

00:24:22,830 --> 00:24:20,650

but the emblem app is a pennant joint

190

00:24:27,690 --> 00:24:22,840

cooperation Russian and NASA between

191

00:24:39,980 --> 00:24:27,700

Russia and NASA he will we've also put

192

00:24:51,030 --> 00:24:42,950

last names are here with the shuttle

193

00:25:02,900 --> 00:24:51,040

also the emblems we have the flag of the

194

00:25:11,970 --> 00:25:08,400

metal that was issued by the Russian

195

00:25:15,680 --> 00:25:11,980

space agency I think also regarding the

196

00:25:20,110 --> 00:25:15,690

cooperation of Russia and NASA in space

197

00:25:25,050 --> 00:25:23,110

it was it what this is the question

198

00:25:26,980 --> 00:25:25,060

before the video yeah small

199

00:25:36,310 --> 00:25:26,990

identification card for each member of

200

00:25:40,870 --> 00:25:36,320

the crew it's a device that's issued by

201

00:25:43,420 --> 00:25:40,880

the government of the Russia and is

202

00:25:46,540 --> 00:25:43,430

given so that the life would be better

203

00:25:48,970 --> 00:25:46,550

and there would be more order so we took

204

00:26:02,130 --> 00:25:48,980

a few extra these documents and created

205

00:26:14,110 --> 00:26:10,120

here are some lapel pins for you and the

206

00:26:17,520 --> 00:26:14,120

absolutely most important a memory of

207

00:26:24,340 --> 00:26:17,530

our joint work and here are some

208

00:26:26,080 --> 00:26:24,350

radiograms and how we how we should work

209

00:26:31,660 --> 00:26:26,090

what we should transfer things of this

210

00:26:34,590 --> 00:26:31,670

nature so the same things in each

211

00:26:37,630 --> 00:26:34,600

package for all members of the group

212

00:26:41,170 --> 00:26:37,640

beauty circuit Yuri and Sarah Gadon

213

00:26:43,720 --> 00:26:41,180

Thomas thank you very much on behalf of

214

00:26:45,660 --> 00:26:43,730

the crew I mean yet the leak and on God

215

00:26:48,400 --> 00:26:45,670

and personally I would like to say

216

00:26:51,760 --> 00:26:48,410

thought that this flight for him

217

00:26:54,810 --> 00:26:51,770

yesterday and today has been like a

218

00:26:58,300 --> 00:26:54,820

dream for me boom oh I never thought

219

00:27:02,050 --> 00:26:58,310

good on as I 23 years ago that it would

220

00:27:06,340 --> 00:27:02,060

be possible to fly to station chef Allah

221

00:27:11,080 --> 00:27:06,350

to dock the shuttle it was it was a

222

00:27:14,980 --> 00:27:11,090

fantasy what I am very grateful to you

223

00:27:17,830 --> 00:27:14,990

and I would also like to thank the gate

224

00:27:21,640 --> 00:27:17,840

not all the people on the ground go

225

00:27:23,830 --> 00:27:21,650

about it who are working stubbornly we're

226
00:27:28,930 --> 00:27:23,840
not split apart more to make it possible

227
00:28:19,330 --> 00:27:28,940
for us to have this historic light

228
00:29:02,969 --> 00:28:22,160
but the subjects emotions that was did

229
00:29:10,299 --> 00:29:06,129
I'd like to reach you and congratulate

230
00:29:14,619 --> 00:29:10,309
you with a successful conduct of this

231
00:29:18,009 --> 00:29:14,629
complex operation in orbit second for

232
00:29:22,509 --> 00:29:18,019
the second time the American American

233
00:29:26,709 --> 00:29:22,519
spacecraft has joined with the orbital

234
00:29:32,099 --> 00:29:26,719
complex mirror and now mounted a docking

235
00:29:35,919 --> 00:29:32,109
module so that now all future lights

236
00:29:41,199 --> 00:29:35,929
will be able see me up to talk with the

237
00:29:45,909 --> 00:29:41,209
MIR station orbital complex can now be

238
00:29:51,759 --> 00:29:45,919

spoken of as international we are very

239

00:29:55,629 --> 00:29:51,769

pleased to see this assembled crew are

240

00:29:57,249 --> 00:29:55,639

there are present the entire geography

241

00:30:05,079 --> 00:29:57,259

of the world Russia United States Canada

242

00:30:08,139 --> 00:30:05,089

Europe and we anticipate new new crews

243

00:30:11,589 --> 00:30:08,149

I'd like to greet the rookies and ask

244

00:30:15,219 --> 00:30:11,599

how do you feel in orbit all I would

245

00:30:17,019 --> 00:30:15,229

like to send my heartfelt readings to

246

00:30:20,259 --> 00:30:17,029

all the crew members and to congratulate

247

00:30:23,109 --> 00:30:20,269

you all on these successful and very

248

00:30:26,279 --> 00:30:23,119

complicated operations in space this is

249

00:30:29,079 --> 00:30:26,289

the first time that the America us

250

00:30:32,859 --> 00:30:29,089

shuttle Atlantis has done with

251

00:30:35,319 --> 00:30:32,869

affordable mean station and it has

252

00:30:39,430 --> 00:30:35,329

brought a docking module which would be

253

00:30:42,369 --> 00:30:39,440

used for further stockings or five

254

00:30:49,029 --> 00:30:42,379

with a new station the orbital near

255

00:30:51,519 --> 00:30:49,039

station understand the last person the

256

00:30:54,399 --> 00:30:51,529

last question deals with the state of

257

00:30:58,810 --> 00:30:54,409

mind of the rookies up here we would

258

00:31:02,230 --> 00:30:58,820

like to answer this question at first

259

00:31:06,369 --> 00:31:02,240

thank you for your kind comments and we

260

00:31:08,860 --> 00:31:06,379

are in agreement that our station is

261

00:31:15,580 --> 00:31:08,870

true progress for the future for all

262

00:31:21,129 --> 00:31:15,590

peoples as concerns are the way we feel

263

00:31:22,840 --> 00:31:21,139

we feel normal we have prepared we have

264

00:31:27,119 --> 00:31:22,850

conducted a great deal of preparatory

265

00:31:33,480 --> 00:31:27,129

work therefore our feeling is good i

266

00:31:38,379 --> 00:31:33,490

would like to hand the mic over i think

267

00:31:41,190 --> 00:31:38,389

it's very important good effort and we

268

00:31:56,430 --> 00:31:41,200

are happy to have this opportunity to

269

00:32:19,389 --> 00:32:16,330

lights are continued does the services

270

00:32:26,919 --> 00:32:19,399

may be severally up I anticipate the

271

00:32:29,080 --> 00:32:26,929

next flight in February as I understand

272

00:32:32,259 --> 00:32:29,090

it as I understand that you are

273

00:32:35,590 --> 00:32:32,269

welcoming the fact that your stay on the

274

00:32:40,070 --> 00:32:35,600

mirror is being continued till februari

275

00:32:42,630 --> 00:32:40,080

96 1996

276

00:32:46,710 --> 00:32:42,640

which is sending my name I certificate

277

00:32:48,120 --> 00:32:46,720

of a very bad year everyone what does

278

00:32:50,520 --> 00:32:48,130

prettiest mother before the senator from

279

00:33:09,020 --> 00:32:50,530

issue 3 Chris will now say something

280

00:33:13,460 --> 00:33:11,150

it's true it's my very first flight

281

00:33:16,130 --> 00:33:13,470

estate lucky to be with such an

282

00:33:17,930 --> 00:33:16,140

experienced group of astronauts and I'm

283

00:33:20,330 --> 00:33:17,940

also the first Canadian to have a chance

284

00:33:23,600 --> 00:33:20,340

to come aboard here and the whole thing

285

00:33:25,160 --> 00:33:23,610

is a thrill in an honor as a human being

286

00:33:26,870 --> 00:33:25,170

and as a Canadian to be able to

287

00:33:29,180 --> 00:33:26,880

participate in a mission like this one

288

00:33:30,890 --> 00:33:29,190

thanks very much for allowing me to come

289

00:33:32,450 --> 00:33:30,900

up and do this and we're all working

290

00:33:43,400 --> 00:33:32,460

hard to make sure it's a successful

291

00:33:43,410 --> 00:33:49,650

she

292

00:33:56,740 --> 00:33:54,190

basically your opinion I congratulate

293

00:34:03,840 --> 00:33:56,750

you all with all my heart and wish you a

294

00:34:19,500 --> 00:34:05,860

professionals who've all professionals

295

00:34:25,240 --> 00:34:21,940

John manly I'm talking to you from

296

00:34:27,520 --> 00:34:25,250

Hamilton Roberta Bondar and julie

297

00:34:30,130 --> 00:34:27,530

payette are watching you from the studio

298

00:34:32,860 --> 00:34:30,140

in toronto we wanted to say

299

00:34:36,160 --> 00:34:32,870

congratulations to you and to the rest

300

00:34:37,810 --> 00:34:36,170

of the crew on behalf of all Canadians

301
00:34:47,260 --> 00:34:37,820
who are just thrilled with the success

302
00:34:48,940 --> 00:34:47,270
of the mission so far Julie we're having

303
00:34:50,710 --> 00:34:48,950
a tremendous time up here we getting a

304
00:34:53,050 --> 00:34:50,720
lot of work done and we're just as

305
00:34:54,780 --> 00:34:53,060
pleased as we can be with the success of

306
00:34:56,980 --> 00:34:54,790
all of the experiments and that

307
00:34:58,510 --> 00:34:56,990
installation of the backing module and

308
00:35:00,190 --> 00:34:58,520
the rendezvous an actual docking with

309
00:35:04,780 --> 00:35:00,200
their it's been a marvelous experience

310
00:35:08,020 --> 00:35:04,790
and things are going very well Chris I

311
00:35:10,030 --> 00:35:08,030
watched the launch in florida on sunday

312
00:35:11,770 --> 00:35:10,040
morning Julie was the one of the

313
00:35:14,260 --> 00:35:11,780

spectators there with me I think I

314

00:35:16,180 --> 00:35:14,270

suspect rather that she was even a

315

00:35:19,630 --> 00:35:16,190

little more envious than I was when you

316

00:35:21,400 --> 00:35:19,640

went off but I can tell you that for me

317

00:35:23,590 --> 00:35:21,410

it was a very thrilling experience to

318

00:35:25,660 --> 00:35:23,600

hear the sound and to see the image of

319

00:35:28,060 --> 00:35:25,670

your launch I just like to know what was

320

00:35:29,770 --> 00:35:28,070

going through your mind those seconds

321

00:35:35,680 --> 00:35:29,780

while we were watching you lift off from

322

00:35:37,360 --> 00:35:35,690

the Earth's gravity accessory day the

323

00:35:40,150 --> 00:35:37,370

day before that we couldn't go because

324

00:35:41,470 --> 00:35:40,160

of the weather in Spain and Africa but

325

00:35:43,540 --> 00:35:41,480

I'm not morning on the Sunday morning

326
00:35:45,160 --> 00:35:43,550
you had a sense that it might happen and

327
00:35:46,780 --> 00:35:45,170
when we came to five minutes and we got

328
00:35:48,940 --> 00:35:46,790
good weather everywhere we had a clear

329
00:35:50,680 --> 00:35:48,950
clearance to go to smile on my face just

330
00:35:52,570 --> 00:35:50,690
started getting bigger and bigger and

331
00:35:53,920 --> 00:35:52,580
that continued to grow the whole time

332
00:35:56,410 --> 00:35:53,930
through the launch it was just a

333
00:35:58,540 --> 00:35:56,420
tremendous feeling to do actually doing

334
00:36:00,190 --> 00:35:58,550
something that I dreamed about for 30

335
00:36:02,050 --> 00:36:00,200
years so it wasn't just

336
00:36:05,020 --> 00:36:02,060
tremendous relief and rush of excitement

337
00:36:07,510 --> 00:36:05,030
and and cut a load on the body to the

338
00:36:10,030 --> 00:36:07,520

last couple minutes of 3gs these guys

339

00:36:13,420 --> 00:36:10,040

are the test is not an easy thing to put

340

00:36:15,460 --> 00:36:13,430

up it it really squishes you down well

341

00:36:17,140 --> 00:36:15,470

I'll tell you the grins on earth as we

342

00:36:20,260 --> 00:36:17,150

stood around watching you were just as

343

00:36:22,089 --> 00:36:20,270

wide and just as excited Chris so we're

344

00:36:24,160 --> 00:36:22,099

going to use this link to pass a few

345

00:36:26,349 --> 00:36:24,170

questions on to you that the discovery

346

00:36:28,420 --> 00:36:26,359

channel has collected from young people

347

00:36:30,700 --> 00:36:28,430

across Canada so I'm just going to be a

348

00:36:32,680 --> 00:36:30,710

relay for some of the questions the

349

00:36:35,470 --> 00:36:32,690

first one is from Melanie Hartness from

350

00:36:38,079 --> 00:36:35,480

wavering Saskatchewan she's asked this

351
00:36:40,180 --> 00:36:38,089
question after training so hard and to

352
00:36:42,430 --> 00:36:40,190
be finally part of the first step of

353
00:36:43,680 --> 00:36:42,440
assembling the space station would you

354
00:36:50,349 --> 00:36:43,690
want to live on the space station

355
00:36:52,329 --> 00:36:50,359
instead of Earth I'll jump at the chance

356
00:36:55,150 --> 00:36:52,339
to live on a space station after seeing

357
00:36:56,470 --> 00:36:55,160
that Sergei that the life that he has

358
00:36:59,109 --> 00:36:56,480
appeared a chance to see the entire

359
00:37:01,120 --> 00:36:59,119
earth every 90 minutes to do something

360
00:37:03,220 --> 00:37:01,130
that a lot of people dream about and

361
00:37:05,079 --> 00:37:03,230
very few people get to do it would be

362
00:37:06,819 --> 00:37:05,089
just a tremendous experience that of all

363
00:37:10,240 --> 00:37:06,829

the things to do with your life what an

364

00:37:11,950 --> 00:37:10,250

amazing thing to be able to do tell us a

365

00:37:14,770 --> 00:37:11,960

little bit about the effect that that

366

00:37:22,300 --> 00:37:14,780

has on the human body being in space for

367

00:37:24,460 --> 00:37:22,310

a for a prolonged period of time so

368

00:37:26,319 --> 00:37:24,470

Sergei has been up for a two-month

369

00:37:30,700 --> 00:37:26,329

sanity and as you can see he looks very

370

00:37:33,280 --> 00:37:30,710

fit they they exercised a couple hours a

371

00:37:36,099 --> 00:37:33,290

day well they're up here and it changes

372

00:37:37,809 --> 00:37:36,109

the body subnet the fluids don't play on

373

00:37:39,579 --> 00:37:37,819

your legs due to gravity so you own a

374

00:37:41,740 --> 00:37:39,589

bit of fluid shift up your upper body

375

00:37:45,180 --> 00:37:41,750

and then you end up actually losing some

376

00:37:47,410 --> 00:37:45,190

fluid so you lose a mass and your legs

377

00:37:51,579 --> 00:37:47,420

also as you can see we can sit anywhere

378

00:37:53,920 --> 00:37:51,589

you want to learn microgravity so the

379

00:37:56,050 --> 00:37:53,930

here sense an up-and-down changes and it

380

00:37:58,030 --> 00:37:56,060

really doesn't matter which lays up it's

381

00:38:04,359 --> 00:37:58,040

just becomes arbitrary and it's amazing

382

00:38:06,790 --> 00:38:04,369

how quick you adapt to that that's the

383

00:38:08,109 --> 00:38:06,800

body adapt very quickly it's kind of

384

00:38:09,400 --> 00:38:08,119

surprising really you wouldn't think

385

00:38:11,140 --> 00:38:09,410

after millions of years of evolution

386

00:38:13,089 --> 00:38:11,150

there'd be any reason for the body to