
Г. ПАДАЛКА

1
00:00:07,749 --> 00:00:04,789
members of the state commission their

2
00:00:11,030 --> 00:00:07,759
colleagues ladies and gentlemen

3
00:00:13,589 --> 00:00:11,040
the objective of our today's meeting

4
00:00:16,790 --> 00:00:13,599
is to discuss the results of the testing

5
00:00:19,510 --> 00:00:16,800
of the launch pad of the rocket and

6
00:00:22,470 --> 00:00:19,520
spacecraft and to approve the

7
00:00:24,310 --> 00:00:22,480
composition of the prime and backup crew

8
00:00:26,230 --> 00:00:24,320
that will fly to the station on soyuz

9
00:00:27,589 --> 00:00:26,240
tma16m

10
00:00:29,429 --> 00:00:27,599
the chief

11
00:00:31,589 --> 00:00:29,439
designers commission

12
00:00:34,389 --> 00:00:31,599
and the technical commission discussed

13
00:00:35,830 --> 00:00:34,399

the technical condition of the iss

14
00:00:40,470 --> 00:00:35,840
and the

15
00:00:42,150 --> 00:00:40,480
rocket in the spacecraft as well as the

16
00:00:46,790 --> 00:00:42,160
ground facilities

17
00:00:51,670 --> 00:00:46,800
made a decision to approve the launch of

18
00:00:54,950 --> 00:00:51,680
soyuz tma16m with the international crew

19
00:00:58,229 --> 00:00:54,960
to launch on march 27th yesterday as

20
00:01:00,549 --> 00:00:58,239
part of all the preparatory work

21
00:01:03,910 --> 00:01:00,559
the rocket was rolled over to the launch

22
00:01:05,910 --> 00:01:03,920
pad it was tested and all

23
00:01:09,429 --> 00:01:05,920
testing

24
00:01:11,270 --> 00:01:09,439
performed was very successful

25
00:01:12,550 --> 00:01:11,280
i would like to give the floor

26
00:01:13,429 --> 00:01:12,560
to

27
00:01:21,510 --> 00:01:13,439
the

28
00:01:23,109 --> 00:01:21,520
and i would like to hear his report on

29
00:01:24,830 --> 00:01:23,119
the composition of the prime and backup

30
00:01:27,190 --> 00:01:24,840
crews of soyuz

31
00:01:28,950 --> 00:01:27,200
tma16m thank you very much alexander

32
00:01:31,429 --> 00:01:28,960
nicolevich the members of the state

33
00:01:35,030 --> 00:01:31,439
commission both the program of

34
00:01:36,149 --> 00:01:35,040
expeditions 43 and 44 long duration

35
00:01:39,749 --> 00:01:36,159
mission

36
00:01:41,910 --> 00:01:39,759
the following crew members were training

37
00:01:43,510 --> 00:01:41,920
prime crew gennady padalka

38
00:01:46,469 --> 00:01:43,520

commander of

39
00:01:47,990 --> 00:01:46,479
soyuz 16 team a16m

40
00:01:52,950 --> 00:01:48,000
and commander

41
00:01:55,350 --> 00:01:52,960
of expedition 44. mikhail korniyanka

42
00:01:57,749 --> 00:01:55,360
flight engineer of soyuz and flight

43
00:02:01,429 --> 00:01:57,759
engineer of expeditions 40

44
00:02:03,510 --> 00:02:01,439
4 45 and 46 and 43.

45
00:02:06,950 --> 00:02:03,520
scott kelly

46
00:02:10,229 --> 00:02:06,960
flight engineer for soyuz and

47
00:02:13,670 --> 00:02:10,239
iss missions backup crew alexei of

48
00:02:15,990 --> 00:02:13,680
chenin soyuz and isis flight engineer

49
00:02:18,949 --> 00:02:16,000
sergey volkov

50
00:02:20,309 --> 00:02:18,959
soyuz flight engineer iss flight

51
00:02:23,589 --> 00:02:20,319
engineer

52
00:02:26,229 --> 00:02:23,599
jeffrey williams commander of the source

53
00:02:28,790 --> 00:02:26,239
vehicle and flight engineer of

54
00:02:32,309 --> 00:02:28,800
the iss all the preparation program was

55
00:02:34,550 --> 00:02:32,319
performed in full all examinations were

56
00:02:36,550 --> 00:02:34,560
successful and for the conclusions and

57
00:02:38,470 --> 00:02:36,560
findings of the state commission and the

58
00:02:40,630 --> 00:02:38,480
medical commission all crew members are

59
00:02:42,630 --> 00:02:40,640
considered to be fit for the flight and

60
00:02:45,110 --> 00:02:42,640
ready for the flight

61
00:02:47,990 --> 00:02:45,120
and at the meeting

62
00:02:51,270 --> 00:02:48,000
of the gctc that was reviewing the

63
00:02:53,509 --> 00:02:51,280

results of the training of the crew

64
00:02:56,150 --> 00:02:53,519
members we have the following

65
00:02:59,589 --> 00:02:56,160
conclusions that the crew members for

66
00:03:00,790 --> 00:02:59,599
expeditions 43 are ready for flight on

67
00:03:02,949 --> 00:03:00,800
soyuz

68
00:03:04,550 --> 00:03:02,959
tma-16m

69
00:03:07,270 --> 00:03:04,560
and they're also ready to perform their

70
00:03:09,350 --> 00:03:07,280
activities on the russian segment

71
00:03:10,149 --> 00:03:09,360
the training program was performed in

72
00:03:12,390 --> 00:03:10,159
full

73
00:03:15,430 --> 00:03:12,400
based on the above

74
00:03:19,910 --> 00:03:15,440
we proposed to the state commission to

75
00:03:23,350 --> 00:03:19,920
approve the following composition of the

76
00:03:25,670 --> 00:03:23,360
prime crew commander gennady padalka

77
00:03:28,390 --> 00:03:25,680
flight engineer one michael kornienko

78
00:03:31,750 --> 00:03:28,400
and flight engineer to scott kelly and

79
00:03:34,309 --> 00:03:31,760
backup crew consisting of alexey

80
00:03:36,070 --> 00:03:34,319
of chenin uh flight engineer sergey

81
00:03:40,550 --> 00:03:36,080
volga flight engineer and commander

82
00:03:43,670 --> 00:03:41,430
we

83
00:03:47,750 --> 00:03:43,680
would like to report on the readiness of

84
00:03:48,869 --> 00:03:47,760
the launch pad and the spacecraft the

85
00:03:50,949 --> 00:03:48,879
general

86
00:03:53,110 --> 00:03:50,959
designer

87
00:03:57,110 --> 00:03:53,120
sergey romanov would like to report

88
00:03:59,110 --> 00:03:57,120

good afternoon yesterday on march 25th

89
00:04:01,350 --> 00:03:59,120
we performed all the work for our plan

90
00:04:03,830 --> 00:04:01,360
regarding the preparation of the

91
00:04:06,470 --> 00:04:03,840
on ground facilities

92
00:04:09,270 --> 00:04:06,480
and we did not did not have any issues

93
00:04:13,030 --> 00:04:09,280
and we also did the testing of the

94
00:04:16,390 --> 00:04:13,040
rocket and the soyuz tma16m vehicle and

95
00:04:17,509 --> 00:04:16,400
all these facilities are ready for lunch

96
00:04:19,830 --> 00:04:17,519
all right

97
00:04:22,310 --> 00:04:19,840
following the resolution of the state

98
00:04:23,270 --> 00:04:22,320
commission

99
00:04:25,990 --> 00:04:23,280
having

100
00:04:27,510 --> 00:04:26,000
listened for the reports

101
00:04:31,030 --> 00:04:27,520
of

102
00:04:33,270 --> 00:04:31,040
crew

103
00:04:36,710 --> 00:04:33,280
and on the composition of the prime

104
00:04:39,350 --> 00:04:36,720
backup crews of soyuz tma16m

105
00:04:40,550 --> 00:04:39,360
and based on the report

106
00:04:45,909 --> 00:04:40,560
of

107
00:04:48,550 --> 00:04:45,919
ground facilities and the rocket and the

108
00:04:49,749 --> 00:04:48,560
vehicle itself the state commission

109
00:04:52,790 --> 00:04:49,759
resolved

110
00:04:53,670 --> 00:04:52,800
first to approve the composition

111
00:04:57,030 --> 00:04:53,680
of

112
00:05:00,230 --> 00:04:57,040
the prime crime for soyuz tma16m

113
00:05:02,469 --> 00:05:00,240

prime crew consisting of gennady padulka

114
00:05:05,749 --> 00:05:02,479
flight engineer mikhail

115
00:05:07,990 --> 00:05:05,759
kornienko both from roscosmos and flight

116
00:05:10,790 --> 00:05:08,000
engineer scott kelly

117
00:05:12,950 --> 00:05:10,800
from nasa and to approve the composition

118
00:05:15,270 --> 00:05:12,960
of the backup crew alexey of chin in

119
00:05:17,110 --> 00:05:15,280
flight engineer from boscosmas

120
00:05:20,870 --> 00:05:17,120
sergey volka flight engineer from

121
00:05:23,749 --> 00:05:20,880
roscosmos and jeffrey williams from nasa

122
00:05:26,629 --> 00:05:23,759
and second to continue the preparation

123
00:05:30,870 --> 00:05:26,639
of the rocket and space facilities

124
00:05:35,830 --> 00:05:33,189
does anyone have any objections

125
00:05:44,150 --> 00:05:35,840
regarding the resolution of the state

126
00:05:48,469 --> 00:05:46,310
dear colleagues

127
00:05:51,510 --> 00:05:48,479
today

128
00:05:53,909 --> 00:05:51,520
we are present at a very important

129
00:05:56,790 --> 00:05:53,919
meeting and we're looking forward to

130
00:05:59,350 --> 00:05:56,800
seeing the very important flight it took

131
00:06:01,830 --> 00:05:59,360
a lot of preparation

132
00:06:05,270 --> 00:06:01,840
it will be the first expedition of this

133
00:06:07,830 --> 00:06:05,280
kind when cosmonauts and astronauts

134
00:06:10,309 --> 00:06:07,840
will be working on orbit for such a long

135
00:06:13,270 --> 00:06:10,319
time and the iss

136
00:06:16,070 --> 00:06:13,280
as the international project will

137
00:06:17,990 --> 00:06:16,080
also perform a lot of

138
00:06:22,390 --> 00:06:18,000

experiments

139
00:06:24,790 --> 00:06:22,400
and i believe that this expedition will

140
00:06:27,590 --> 00:06:24,800
show us and give us an additional

141
00:06:30,070 --> 00:06:27,600
impetus to develop further

142
00:06:33,270 --> 00:06:30,080
it is very symbolic that this expedition

143
00:06:38,790 --> 00:06:35,189
in the year when we are celebrating the

144
00:06:40,710 --> 00:06:38,800
anniversary of the soyuz apollo mission

145
00:06:43,029 --> 00:06:40,720
so i would like to say thank you very

146
00:06:46,070 --> 00:06:43,039
much to our crew members that they

147
00:06:48,710 --> 00:06:46,080
performed their training in full it was

148
00:06:50,150 --> 00:06:48,720
very successful and i would like to wish

149
00:06:52,150 --> 00:06:50,160
you good luck

150
00:06:55,189 --> 00:06:52,160
thank you

151
00:06:58,469 --> 00:06:55,199
charles bolden nasa administrator

152
00:07:00,469 --> 00:06:58,479
scott and mikhail i'm i'm very pleased

153
00:07:04,150 --> 00:07:00,479
and privileged to be here representing

154
00:07:05,909 --> 00:07:04,160
the entire nasa family back in the u.s

155
00:07:07,909 --> 00:07:05,919
i want to wish you the very best there

156
00:07:09,749 --> 00:07:07,919
have been years of effort

157
00:07:11,110 --> 00:07:09,759
on the part of your support teams that

158
00:07:13,189 --> 00:07:11,120
have gone into the planning and

159
00:07:15,990 --> 00:07:13,199
preparation for this mission and

160
00:07:16,870 --> 00:07:16,000
we're all excited to get you on the way

161
00:07:19,029 --> 00:07:16,880
and then

162
00:07:27,670 --> 00:07:19,039
watch you work as a team once you get on

163
00:07:27,680 --> 00:07:41,270

special

164
00:07:44,790 --> 00:07:42,629
a long-awaited

165
00:07:46,950 --> 00:07:44,800
one-year mission which for us in the u.s

166
00:07:54,070 --> 00:07:46,960
is new

167
00:07:57,990 --> 00:07:55,909
but it represents the first time that we

168
00:08:00,550 --> 00:07:58,000
have an international team of

169
00:08:01,670 --> 00:08:00,560
researchers and experimenters and

170
00:08:03,749 --> 00:08:01,680
planners

171
00:08:10,390 --> 00:08:03,759
who will see the result of their work

172
00:08:10,400 --> 00:08:18,230
experiments

173
00:08:22,550 --> 00:08:20,230
on behalf of the thousands of us in the

174
00:08:24,790 --> 00:08:22,560
nasa family who will be watching you and

175
00:08:38,149 --> 00:08:24,800
continuing to pray with you and for you

176
00:08:42,949 --> 00:08:41,350
thank you very much

177
00:08:46,630 --> 00:08:42,959
i would like to give the floor to the

178
00:08:48,230 --> 00:08:46,640
commander of the prime crew soyuz tma16m

179
00:08:49,990 --> 00:08:48,240
gennady padulka

180
00:08:52,710 --> 00:08:50,000
mr chairman dear members of the state

181
00:08:55,670 --> 00:08:52,720
commission first of all i would like to

182
00:08:58,150 --> 00:08:55,680
say thank you that you're trusting

183
00:09:01,030 --> 00:08:58,160
our crew and i would like to thank you

184
00:09:03,350 --> 00:09:01,040
our backup crew for the support that

185
00:09:04,949 --> 00:09:03,360
they were giving us during the entire

186
00:09:06,710 --> 00:09:04,959
training period

187
00:09:08,870 --> 00:09:06,720
and

188
00:09:11,190 --> 00:09:08,880

i believe that the knowledge that we got

189
00:09:13,590 --> 00:09:11,200
during that training will be enough for

190
00:09:16,310 --> 00:09:13,600
us to perform

191
00:09:19,030 --> 00:09:16,320
the scientific program and other report

192
00:09:21,430 --> 00:09:19,040
and other activities

193
00:09:25,110 --> 00:09:21,440
a decent level we are ready for the

194
00:09:30,710 --> 00:09:28,949
flight engineer mikhail kornienko

195
00:09:33,509 --> 00:09:30,720
i would like to

196
00:09:35,030 --> 00:09:33,519
say gennady to say thank you to gennady

197
00:09:37,030 --> 00:09:35,040
for

198
00:09:38,949 --> 00:09:37,040
such an introduction and i would like to

199
00:09:42,150 --> 00:09:38,959
say thank you to the members of the

200
00:09:46,550 --> 00:09:44,470
scott kelly i would also like to say

201
00:09:59,110 --> 00:09:46,560
thank you to the state commission and

202
00:10:04,470 --> 00:10:01,350
the members of the state commission

203
00:10:07,190 --> 00:10:04,480
as the commander of the backup crew

204
00:10:07,910 --> 00:10:07,200
i would like to say that the backup crew

205
00:10:09,829 --> 00:10:07,920
is

206
00:10:11,670 --> 00:10:09,839
ready for the flight as the backup crew

207
00:10:13,430 --> 00:10:11,680
thank you

208
00:10:16,389 --> 00:10:13,440
flight engineer

209
00:10:19,509 --> 00:10:16,399
sergey volkov

210
00:10:23,509 --> 00:10:21,670
good luck to our

211
00:10:26,310 --> 00:10:23,519
prime crew

212
00:10:28,069 --> 00:10:26,320
i hope everything will be nominal

213
00:10:31,269 --> 00:10:28,079

and the timing

214
00:10:32,870 --> 00:10:31,279
is correct and time flies and we will

215
00:10:35,190 --> 00:10:32,880
see you soon

216
00:10:41,670 --> 00:10:38,870
jeffrey williams thank you everyone

217
00:10:43,750 --> 00:10:41,680
and i'm ready

218
00:10:46,630 --> 00:10:43,760
thank you

219
00:10:48,470 --> 00:10:46,640
dear

220
00:10:49,910 --> 00:10:48,480
on behalf of the state commission i

221
00:10:51,590 --> 00:10:49,920
would like to congratulate you

222
00:10:56,470 --> 00:10:51,600
wholeheartedly

223
00:10:58,630 --> 00:10:56,480
on this mission on space craft soyuz

224
00:11:01,430 --> 00:10:58,640
tma16m

225
00:11:03,269 --> 00:11:01,440
we wish you good luck and hope all the

226
00:11:04,550 --> 00:11:03,279
program will be performed in full and we

227
00:11:06,949 --> 00:11:04,560
are waiting

228
00:11:10,470 --> 00:11:06,959
already waiting for you here on earth

229
00:11:17,350 --> 00:11:14,069
expedition 434

230
00:11:21,910 --> 00:11:17,360
that will launch on soyuz tma-16m

231
00:11:31,829 --> 00:11:26,949
to the station on march 27 2015 at 10 22

232
00:11:36,710 --> 00:11:34,710
cosmos russia soyuz commander flight

233
00:11:38,150 --> 00:11:36,720
engineer

234
00:11:40,470 --> 00:11:38,160
of the iss

235
00:11:44,550 --> 00:11:40,480
soyuz and

236
00:11:46,790 --> 00:11:44,560
iss 43 44 45-46

237
00:11:49,190 --> 00:11:46,800
flight engineer

238
00:11:50,870 --> 00:11:49,200

mikhail kornienko

239
00:11:54,310 --> 00:11:50,880
ross cosmos

240
00:11:58,230 --> 00:11:54,320
flight engineer 2 of soyuz

241
00:12:02,790 --> 00:11:58,240
and flight engineer of iss 43

242
00:12:03,990 --> 00:12:02,800
44 45 and 46 scott kelly

243
00:12:07,590 --> 00:12:04,000
nasa

244
00:12:09,990 --> 00:12:07,600
dear ladies and gentlemen please ask

245
00:12:11,910 --> 00:12:10,000
your questions and traditionally we will

246
00:12:15,509 --> 00:12:11,920
start our press conference with the

247
00:12:20,790 --> 00:12:15,519
questions from roscosmos tv studio

248
00:12:24,710 --> 00:12:22,629
during your flight you will see sarah

249
00:12:27,829 --> 00:12:24,720
brightman on board the

250
00:12:29,750 --> 00:12:27,839
station she will be a space tourist

251
00:12:31,910 --> 00:12:29,760
and what do you think about that is that

252
00:12:35,030 --> 00:12:31,920
an unusual event

253
00:12:37,350 --> 00:12:35,040
can you hear me yes i have not had any

254
00:12:40,470 --> 00:12:37,360
space tourists on board the iss during

255
00:12:43,590 --> 00:12:40,480
my previous flight but i believe that it

256
00:12:46,069 --> 00:12:43,600
will be a great experience

257
00:12:47,190 --> 00:12:46,079
and i understand that she does not have

258
00:12:49,829 --> 00:12:47,200
any

259
00:12:51,670 --> 00:12:49,839
previous experience of space flights and

260
00:12:53,269 --> 00:12:51,680
she doesn't know how to behave in

261
00:12:56,470 --> 00:12:53,279
weightlessness

262
00:12:58,310 --> 00:12:56,480
but we will help her and we will

263
00:13:01,030 --> 00:12:58,320

be supporting her as much as we can we

264
00:13:03,350 --> 00:13:01,040
will be doing everything together

265
00:13:06,230 --> 00:13:03,360
but of course it's

266
00:13:08,629 --> 00:13:06,240
always wonderful to see new faces to see

267
00:13:10,150 --> 00:13:08,639
new crews on board the iss thank you for

268
00:13:14,310 --> 00:13:10,160
your question

269
00:13:18,790 --> 00:13:16,470
robnavius with nasa television i have a

270
00:13:21,350 --> 00:13:18,800
question for scott and a follow-up scott

271
00:13:22,870 --> 00:13:21,360
the range of human emotions never leaves

272
00:13:24,949 --> 00:13:22,880
any of us for very long whether you're

273
00:13:27,590 --> 00:13:24,959
on the planet or off the planet

274
00:13:29,750 --> 00:13:27,600
uh there's obviously particular interest

275
00:13:31,910 --> 00:13:29,760
in how you believe your emotions may

276
00:13:34,150 --> 00:13:31,920
fluctuate over the course of a year in

277
00:13:36,389 --> 00:13:34,160
space and what you plan to do to try to

278
00:13:38,150 --> 00:13:36,399
keep yourself on an even keel over that

279
00:13:39,670 --> 00:13:38,160
period of time

280
00:13:41,910 --> 00:13:39,680
well it's uh rob it's definitely

281
00:13:44,470 --> 00:13:41,920
something i've thought about and you

282
00:13:46,150 --> 00:13:44,480
know fortunately i have the previous uh

283
00:14:02,470 --> 00:13:46,160
experience of being on the space station

284
00:14:06,550 --> 00:14:04,069
so you know having that previous

285
00:14:08,550 --> 00:14:06,560
experience i uh you know understand that

286
00:14:09,990 --> 00:14:08,560
i need to pace myself and my you know

287
00:14:12,310 --> 00:14:10,000
level of work

288
00:14:13,910 --> 00:14:12,320

needs to be uh you know such that i can

289
00:14:17,110 --> 00:14:13,920
get to the end with hopefully as much

290
00:14:18,550 --> 00:14:17,120
energy as i have in the very beginning

291
00:14:19,750 --> 00:14:18,560
and scott how important from an

292
00:14:22,870 --> 00:14:19,760
operational

293
00:14:24,949 --> 00:14:22,880
scientific and a symbolic standpoint is

294
00:14:26,310 --> 00:14:24,959
the fact that you and mikhail uh will be

295
00:14:28,230 --> 00:14:26,320
together for a year and what that

296
00:14:29,590 --> 00:14:28,240
represents for the future of deep space

297
00:14:31,430 --> 00:14:29,600
exploration

298
00:14:33,750 --> 00:14:31,440
well i think most people in this room

299
00:14:36,389 --> 00:14:33,760
realize that this is not russia's first

300
00:14:42,629 --> 00:14:36,399
uh venture into having people stay in

301
00:14:42,639 --> 00:14:48,870
i see

302
00:14:53,910 --> 00:14:51,829
um but the big difference with this uh

303
00:14:55,829 --> 00:14:53,920
flight is this is the first time we're

304
00:14:58,629 --> 00:14:55,839
doing it as an international partnership

305
00:15:00,710 --> 00:14:58,639
which is one of the most uh

306
00:15:01,670 --> 00:15:00,720
you know what i think is one of the most

307
00:15:03,269 --> 00:15:01,680
uh

308
00:15:09,269 --> 00:15:03,279
greatest success stories of the

309
00:15:09,279 --> 00:15:18,389
um

310
00:15:22,150 --> 00:15:20,710
you know furthermore although amisha

311
00:15:23,829 --> 00:15:22,160
misha and i are only

312
00:15:25,430 --> 00:15:23,839
one data point

313
00:15:27,829 --> 00:15:25,440

in this uh

314
00:15:29,990 --> 00:15:27,839
you know goal to have people live and

315
00:15:32,389 --> 00:15:30,000
work in space for longer periods with

316
00:15:53,110 --> 00:15:32,399
the hopes of of some day going perhaps

317
00:15:57,189 --> 00:15:54,629
start somewhere and uh you know i think

318
00:15:59,030 --> 00:15:57,199
this is a great start and i'm proud to

319
00:16:02,710 --> 00:15:59,040
be a part of it and i'm sure

320
00:16:07,030 --> 00:16:05,749
so what are you thinking about using

321
00:16:09,189 --> 00:16:07,040
virtual

322
00:16:13,749 --> 00:16:09,199
facilities

323
00:16:16,310 --> 00:16:13,759
for example while you're in the woods

324
00:16:18,629 --> 00:16:16,320
you can use them to find the right

325
00:16:20,550 --> 00:16:18,639
direction so what exactly will you be

326
00:16:22,790 --> 00:16:20,560
missing

327
00:16:25,269 --> 00:16:22,800
they're on orbit while you be spending

328
00:16:27,189 --> 00:16:25,279
one year on the iss you were absolutely

329
00:16:29,990 --> 00:16:27,199
correct we will be missing nature we

330
00:16:32,470 --> 00:16:30,000
will be missing landscapes woods this is

331
00:16:33,509 --> 00:16:32,480
what i missed most during my previous

332
00:16:34,949 --> 00:16:33,519
flight

333
00:16:37,269 --> 00:16:34,959
and

334
00:16:39,749 --> 00:16:37,279
last time i even asked our psychological

335
00:16:41,269 --> 00:16:39,759
support folks to send me

336
00:16:42,470 --> 00:16:41,279
a calendar

337
00:16:45,590 --> 00:16:42,480
with

338
00:16:49,670 --> 00:16:45,600

the photographs of nature

339
00:16:52,310 --> 00:16:49,680
of rivers of the woods of the lakes and

340
00:16:54,710 --> 00:16:52,320
i put it in my crew quarters and i was

341
00:16:56,710 --> 00:16:54,720
enjoying those photographs very much and

342
00:16:59,430 --> 00:16:56,720
one more question do you have a mascot

343
00:17:00,389 --> 00:16:59,440
already a toy that you're going to take

344
00:17:01,430 --> 00:17:00,399
with you

345
00:17:04,069 --> 00:17:01,440
yes

346
00:17:05,270 --> 00:17:04,079
gennady is taking a weightlessness

347
00:17:10,230 --> 00:17:05,280
indicator

348
00:17:14,549 --> 00:17:12,549
have it on space so you don't have it

349
00:17:17,270 --> 00:17:14,559
right now with you no we will get it

350
00:17:18,789 --> 00:17:17,280
later ah already it's in this space

351
00:17:20,949 --> 00:17:18,799
vehicle already i know that you have a

352
00:17:23,110 --> 00:17:20,959
brother and you are the twins is it

353
00:17:28,549 --> 00:17:23,120
really difficult uh

354
00:17:32,710 --> 00:17:30,630
no it's not

355
00:17:35,909 --> 00:17:32,720
why

356
00:17:39,110 --> 00:17:35,919
i know that he's spaceman like you yes

357
00:17:41,029 --> 00:17:39,120
yeah we're used to this kind of thing

358
00:17:58,830 --> 00:17:41,039
i've went longer without seeing him and

359
00:18:04,710 --> 00:18:02,070
galaxy radio station my yuck

360
00:18:07,350 --> 00:18:04,720
i'm very glad to be here and i have

361
00:18:09,669 --> 00:18:07,360
found a list of space experiments and i

362
00:18:11,750 --> 00:18:09,679
do understand that being in space it's

363
00:18:12,789 --> 00:18:11,760

very serious task

364
00:18:14,630 --> 00:18:12,799
but

365
00:18:17,190 --> 00:18:14,640
the names

366
00:18:19,669 --> 00:18:17,200
of the experiments at least some of them

367
00:18:21,190 --> 00:18:19,679
are pretty funny for example

368
00:18:25,510 --> 00:18:21,200
or virtual

369
00:18:27,990 --> 00:18:25,520
plunge or liquid shifting so

370
00:18:29,830 --> 00:18:28,000
can you please at least hint at what

371
00:18:33,830 --> 00:18:29,840
kind of experiments

372
00:18:37,669 --> 00:18:35,430
honestly

373
00:18:40,950 --> 00:18:37,679
of course the names to these experiments

374
00:18:43,669 --> 00:18:40,960
were given by scientists and researchers

375
00:18:45,430 --> 00:18:43,679
our objectives will be installation of

376
00:18:48,710 --> 00:18:45,440
hardware will be

377
00:18:50,230 --> 00:18:48,720
downlinking data back to earth

378
00:18:52,549 --> 00:18:50,240
to the specialists who will stay here

379
00:18:53,669 --> 00:18:52,559
and who will be analyzing this

380
00:18:56,070 --> 00:18:53,679
data

381
00:18:58,150 --> 00:18:56,080
and of course we do have a lot of

382
00:18:59,669 --> 00:18:58,160
experiments some experiments are

383
00:19:01,909 --> 00:18:59,679
performed

384
00:19:04,549 --> 00:19:01,919
for the benefits of

385
00:19:06,789 --> 00:19:04,559
the space itself of

386
00:19:09,110 --> 00:19:06,799
the ground for example the ionosphere

387
00:19:11,390 --> 00:19:09,120
for example some experiments

388
00:19:13,750 --> 00:19:11,400

are devoted to biological and

389
00:19:16,150 --> 00:19:13,760
biotechnological research

390
00:19:17,750 --> 00:19:16,160
while we will be

391
00:19:21,190 --> 00:19:17,760
during these experiments we will be

392
00:19:22,830 --> 00:19:21,200
studying rodents and other animals and

393
00:19:26,230 --> 00:19:22,840
insects they're

394
00:19:28,710 --> 00:19:26,240
also educational experiments that's

395
00:19:29,750 --> 00:19:28,720
another area of the entire scientific

396
00:19:32,390 --> 00:19:29,760
program

397
00:19:34,150 --> 00:19:32,400
and we will be uh participating in this

398
00:19:36,310 --> 00:19:34,160
experiment together with high school

399
00:19:38,390 --> 00:19:36,320
students with university experience

400
00:19:40,150 --> 00:19:38,400
we should not go into

401
00:19:42,150 --> 00:19:40,160
details

402
00:19:44,230 --> 00:19:42,160
no please

403
00:19:46,310 --> 00:19:44,240
there is also the experiment called

404
00:19:48,950 --> 00:19:46,320
conjugation so that

405
00:19:51,110 --> 00:19:48,960
during this experiment we will be

406
00:19:53,029 --> 00:19:51,120
studying the conjugation of bacteria all

407
00:19:55,110 --> 00:19:53,039
right and right i understand

408
00:19:57,270 --> 00:19:55,120
and we also had a competition on our

409
00:19:58,310 --> 00:19:57,280
radio station when we were asking

410
00:20:00,549 --> 00:19:58,320
questions

411
00:20:01,510 --> 00:20:00,559
to our audience so one of these

412
00:20:03,590 --> 00:20:01,520
questions

413
00:20:04,549 --> 00:20:03,600

was

414
00:20:13,510 --> 00:20:04,559
if

415
00:20:17,110 --> 00:20:15,190
the question what do you want to do when

416
00:20:18,390 --> 00:20:17,120
you grow up answer is that

417
00:20:21,350 --> 00:20:18,400
it wants to be

418
00:20:23,270 --> 00:20:21,360
a cosmonaut how serious should you treat

419
00:20:25,750 --> 00:20:23,280
such

420
00:20:29,909 --> 00:20:25,760
a response

421
00:20:33,830 --> 00:20:31,750
we can say that

422
00:20:37,270 --> 00:20:33,840
we should focus mostly on the future

423
00:20:39,590 --> 00:20:37,280
exploration of the moon and mars

424
00:20:40,630 --> 00:20:39,600
and of course we need to

425
00:20:43,270 --> 00:20:40,640
make

426
00:20:45,750 --> 00:20:43,280
our younger people more impassionate

427
00:20:49,590 --> 00:20:45,760
more enthusiastic about space we do need

428
00:20:52,149 --> 00:20:49,600
new flight engineers new specialists

429
00:20:55,430 --> 00:20:52,159
good afternoon tatiana and arriva

430
00:20:57,029 --> 00:20:55,440
tomsk real sector magazine

431
00:20:58,870 --> 00:20:57,039
i have a question for gennady you will

432
00:21:00,950 --> 00:20:58,880
come back in six

433
00:21:04,230 --> 00:21:00,960
months and you will break the record for

434
00:21:07,110 --> 00:21:04,240
the most cumulative time spent in orbit

435
00:21:09,750 --> 00:21:07,120
do you have any other dream

436
00:21:11,909 --> 00:21:09,760
the dream of your life i mean after you

437
00:21:13,909 --> 00:21:11,919
break this record what will you be doing

438
00:21:16,789 --> 00:21:13,919

what other achievements would you like

439
00:21:18,950 --> 00:21:16,799
to have in your life besides that

440
00:21:22,350 --> 00:21:18,960
right now i would not

441
00:21:23,909 --> 00:21:22,360
uh like to talk about the

442
00:21:26,630 --> 00:21:23,919
record-breaking

443
00:21:43,830 --> 00:21:26,640
presence in space because let us talk

444
00:21:49,990 --> 00:21:47,350
first of all our greetings from the uh

445
00:21:51,669 --> 00:21:50,000
kuban region

446
00:21:52,950 --> 00:21:51,679
personally to you all people who know

447
00:21:55,110 --> 00:21:52,960
you in person

448
00:21:57,029 --> 00:21:55,120
uh wish you good luck and all the best

449
00:22:00,230 --> 00:21:57,039
during your mission and they also wish

450
00:22:02,549 --> 00:22:00,240
you a safe return back to earth

451
00:22:05,590 --> 00:22:02,559
tomorrow we are planning to issue

452
00:22:08,470 --> 00:22:05,600
a special edition of the nova scobani

453
00:22:14,070 --> 00:22:11,350
and i will be able to show it to you

454
00:22:14,950 --> 00:22:14,080
after the press conference today

455
00:22:17,190 --> 00:22:14,960
so

456
00:22:18,950 --> 00:22:17,200
dur in this special edition of the

457
00:22:20,950 --> 00:22:18,960
newspaper we are planning to describe

458
00:22:23,430 --> 00:22:20,960
all six crew members

459
00:22:24,830 --> 00:22:23,440
that are sitting here and we would like

460
00:22:25,510 --> 00:22:24,840
to give

461
00:22:27,430 --> 00:22:25,520
information about them

462
00:22:32,710 --> 00:22:30,390
gennady my questions now i know

463
00:22:33,830 --> 00:22:32,720

that uh you are going to miss something

464
00:22:36,470 --> 00:22:33,840
in space

465
00:22:39,190 --> 00:22:36,480
and maybe it's not the

466
00:22:41,110 --> 00:22:39,200
most rare questions that you hear so

467
00:22:43,190 --> 00:22:41,120
what are you missing in space it's a

468
00:22:45,350 --> 00:22:43,200
complicated question

469
00:22:47,830 --> 00:22:45,360
especially for the person who goes there

470
00:22:49,510 --> 00:22:47,840
for the fifth time while you work in

471
00:22:51,029 --> 00:22:49,520
space you always want to be back on

472
00:22:52,310 --> 00:22:51,039
earth

473
00:22:57,830 --> 00:22:52,320
missing

474
00:23:02,710 --> 00:23:00,070
we are going to be so busy that i don't

475
00:23:04,789 --> 00:23:02,720
think that we will have a lot of time to

476
00:23:07,430 --> 00:23:04,799
be missing something

477
00:23:10,149 --> 00:23:07,440
on earth so we will be busy all right

478
00:23:12,470 --> 00:23:10,159
any other questions

479
00:23:15,430 --> 00:23:12,480
francisco waita from russia today in

480
00:23:17,430 --> 00:23:15,440
spanish uh i'm in spanish i will do a

481
00:23:21,350 --> 00:23:17,440
question in english and mikhail please

482
00:23:23,669 --> 00:23:21,360
answer to me in russian okay

483
00:23:25,590 --> 00:23:23,679
it's a very unique mission you are going

484
00:23:29,190 --> 00:23:25,600
to be one year

485
00:23:31,110 --> 00:23:29,200
in the cosmos uh it's very difficult but

486
00:23:34,070 --> 00:23:31,120
from your point of view if you want to

487
00:23:36,549 --> 00:23:34,080
say if you could say one main objective

488
00:23:42,789 --> 00:23:36,559

what will be the main objective of the

489
00:23:42,799 --> 00:23:46,789
yes i do understand the question

490
00:23:46,799 --> 00:24:15,669
um

491
00:24:20,789 --> 00:24:18,390
i believe that the main objective our

492
00:24:24,310 --> 00:24:20,799
mission is to

493
00:24:26,390 --> 00:24:24,320
lay some foundation for future deep

494
00:24:28,070 --> 00:24:26,400
space exploration

495
00:24:30,630 --> 00:24:28,080
i mean solar

496
00:24:34,070 --> 00:24:30,640
system destinations like

497
00:24:39,669 --> 00:24:36,630
the last time we had such a long

498
00:24:41,669 --> 00:24:39,679
duration flight was almost 20 years ago

499
00:24:43,190 --> 00:24:41,679
is that correct yes yes it was a long

500
00:24:45,990 --> 00:24:43,200
time ago

501
00:24:48,390 --> 00:24:46,000
and of course all countermeasures and

502
00:24:49,750 --> 00:24:48,400
scientific research

503
00:24:52,710 --> 00:24:49,760
techniques

504
00:24:54,710 --> 00:24:52,720
are more advanced than 20 years ago and

505
00:24:56,230 --> 00:24:54,720
right now we need to test the capability

506
00:24:57,990 --> 00:24:56,240
of a human being to perform such

507
00:25:00,630 --> 00:24:58,000
long-duration flights

508
00:25:03,110 --> 00:25:00,640
so this is the main objective of our

509
00:25:05,750 --> 00:25:03,120
flight to test ourselves

510
00:25:08,710 --> 00:25:05,760
however there are a lot of other

511
00:25:10,149 --> 00:25:08,720
experiments that are not less

512
00:25:12,230 --> 00:25:10,159
interesting for

513
00:25:15,590 --> 00:25:12,240

the medical community for

514
00:25:17,190 --> 00:25:15,600
this scientific uh researchers and so on

515
00:25:20,230 --> 00:25:17,200
thank you

516
00:25:22,149 --> 00:25:20,240
alexander wilkes from come samosa proud

517
00:25:25,830 --> 00:25:22,159
newspaper

518
00:25:31,750 --> 00:25:25,840
that is right the 18-month flight

519
00:25:33,669 --> 00:25:31,760
was in 95 96 1995 1996 on

520
00:25:35,830 --> 00:25:33,679
the mere orbital

521
00:25:37,350 --> 00:25:35,840
station and

522
00:25:42,149 --> 00:25:37,360
scott kelly

523
00:25:47,990 --> 00:25:45,190
did you use any experience from mr

524
00:25:52,710 --> 00:25:48,000
manara polygolf ctop

525
00:25:57,269 --> 00:25:55,510
do any more research

526
00:25:59,669 --> 00:25:57,279
about their flights

527
00:26:02,549 --> 00:25:59,679
in the past yes of course i was talking

528
00:26:04,870 --> 00:26:02,559
to mr polikkov and titov about the

529
00:26:08,310 --> 00:26:04,880
their flight some time ago

530
00:26:10,950 --> 00:26:09,430
gave me

531
00:26:12,630 --> 00:26:10,960
a photograph

532
00:26:14,070 --> 00:26:12,640
and

533
00:26:16,470 --> 00:26:14,080
he also

534
00:26:18,310 --> 00:26:16,480
uh said good luck

535
00:26:20,470 --> 00:26:18,320
to me maybe cot would like to add a

536
00:26:22,789 --> 00:26:20,480
couple of words about that to vladimir

537
00:26:24,870 --> 00:26:22,799
titov about his long duration space

538
00:26:28,149 --> 00:26:24,880

flight a little bit and but he's the

539
00:26:47,029 --> 00:26:28,159
only person i've spoken to

540
00:26:50,830 --> 00:26:49,830
hi uh jeffrey kluger time magazine i

541
00:26:52,710 --> 00:26:50,840
would direct

542
00:26:55,909 --> 00:26:52,720
this scott scott

543
00:26:57,830 --> 00:26:55,919
russia has been launching men and women

544
00:27:00,710 --> 00:26:57,840
for since april

545
00:27:03,350 --> 00:27:00,720
1961 and the us has been launching from

546
00:27:05,510 --> 00:27:03,360
florida for almost as long these two

547
00:27:07,590 --> 00:27:05,520
countries have a century of space flight

548
00:27:09,830 --> 00:27:07,600
between them and yet

549
00:27:11,750 --> 00:27:09,840
what you're doing and what everyone else

550
00:27:14,149 --> 00:27:11,760
in this mission is doing

551
00:27:16,549 --> 00:27:14,159
continues to inspire people continues to

552
00:27:18,310 --> 00:27:16,559
thrill people what is it about a mission

553
00:27:20,389 --> 00:27:18,320
like this and for that matter space in

554
00:27:22,950 --> 00:27:20,399
general that causes it to have that

555
00:27:24,389 --> 00:27:22,960
effect on people

556
00:27:28,470 --> 00:27:24,399
you know i think there are a lot of

557
00:27:33,029 --> 00:27:30,549
interested in in space in the space

558
00:27:34,630 --> 00:27:33,039
program and what we do here

559
00:27:35,669 --> 00:27:34,640
but occasionally you got to do something

560
00:27:36,950 --> 00:27:35,679
that's uh

561
00:27:40,310 --> 00:27:36,960
you know a little bit different and in

562
00:27:42,149 --> 00:27:40,320
this case uh expanding our

563
00:27:43,590 --> 00:27:42,159

experience base

564
00:27:45,669 --> 00:27:43,600
at least with regards to the space

565
00:27:47,510 --> 00:27:45,679
station beyond what we've done

566
00:27:49,269 --> 00:27:47,520
previously

567
00:27:50,549 --> 00:27:49,279
you know which makes it

568
00:27:53,190 --> 00:27:50,559
i think a little bit more interesting

569
00:27:55,669 --> 00:27:53,200
for people and has caught a lot of uh

570
00:27:57,669 --> 00:27:55,679
of people's attention um like i said

571
00:27:59,990 --> 00:27:57,679
earlier to rob's question you know i

572
00:28:01,830 --> 00:28:00,000
think one of the big differences here is

573
00:28:03,830 --> 00:28:01,840
uh we're doing this as an international

574
00:28:06,789 --> 00:28:03,840
partnership and if we ever go

575
00:28:09,029 --> 00:28:06,799
uh beyond low earth orbit again um

576
00:28:11,430 --> 00:28:09,039
perhaps to mars because of the cost and

577
00:28:13,430 --> 00:28:11,440
the complexity it will most likely be an

578
00:28:16,310 --> 00:28:13,440
international mission so you know i see

579
00:28:17,590 --> 00:28:16,320
this is a stepping stone to that and um

580
00:28:19,909 --> 00:28:17,600
you know a place like

581
00:28:22,630 --> 00:28:19,919
kazakhstan here in central asia is uh

582
00:28:25,269 --> 00:28:22,640
you know also an interesting place to be

583
00:28:26,870 --> 00:28:25,279
launching off the earth and it's

584
00:28:28,470 --> 00:28:26,880
you know it's so remote out here i think

585
00:28:30,470 --> 00:28:28,480
it's it would be if you're ever going to

586
00:28:32,389 --> 00:28:30,480
go to mars going from a place like this

587
00:28:55,430 --> 00:28:32,399
would be you know a step in the right

588
00:28:55,440 --> 00:29:12,470

yes

589
00:29:17,990 --> 00:29:15,830
and since we're talking about

590
00:29:20,230 --> 00:29:18,000
future already i have a question for

591
00:29:22,549 --> 00:29:20,240
everyone so what do you think will

592
00:29:24,389 --> 00:29:22,559
happen with cosmonautics in 20 years how

593
00:29:27,510 --> 00:29:24,399
do you see that development in your

594
00:29:30,149 --> 00:29:27,520
opinion thank you

595
00:29:31,669 --> 00:29:30,159
you know it's really hard to

596
00:29:34,950 --> 00:29:31,679
forecast

597
00:29:41,110 --> 00:29:36,870
i know that

598
00:29:44,389 --> 00:29:41,120
in the 80s vernafon brown had a plan to

599
00:29:47,830 --> 00:29:44,399
land on mars right now we are living in

600
00:29:48,950 --> 00:29:47,840
2015 and we're only approaching that

601
00:29:51,669 --> 00:29:48,960
mission

602
00:29:53,510 --> 00:29:51,679
but yes i believe that by

603
00:29:55,669 --> 00:29:53,520
2030

604
00:29:57,430 --> 00:29:55,679
uh mission to mars will be possible

605
00:30:05,029 --> 00:29:57,440
thank you

606
00:30:09,430 --> 00:30:07,990
afternoon peter scott from russia today

607
00:30:13,510 --> 00:30:09,440
good evening

608
00:30:16,230 --> 00:30:13,520
i have a question to mikhail

609
00:30:18,310 --> 00:30:16,240
one of the most important

610
00:30:20,070 --> 00:30:18,320
objectives of your

611
00:30:22,950 --> 00:30:20,080
missions is to

612
00:30:26,710 --> 00:30:22,960
lay the foundations for future flies to

613
00:30:30,630 --> 00:30:28,310

can we say that these missions will be

614
00:30:32,630 --> 00:30:30,640
possible within the next 10 years or 20

615
00:30:35,269 --> 00:30:32,640
years or are they

616
00:30:38,149 --> 00:30:35,279
impossible well we have just answered

617
00:30:43,750 --> 00:30:42,070
it's not only my opinion but it's

618
00:30:46,230 --> 00:30:43,760
the opinion of

619
00:30:49,669 --> 00:30:46,240
absolutely outstanding people in our

620
00:30:52,630 --> 00:30:49,679
industry corolla werner von braun

621
00:30:58,470 --> 00:30:55,190
major problem in this regard is the

622
00:31:01,669 --> 00:30:58,480
financial problem and to find out how

623
00:31:05,430 --> 00:31:01,679
we're going to perform these missions

624
00:31:09,430 --> 00:31:07,669
if there is some political will in this

625
00:31:11,590 --> 00:31:09,440
regard that will support us we will be

626
00:31:21,430 --> 00:31:11,600
able to perform these missions much

627
00:31:24,470 --> 00:31:23,350
ladies and gentlemen

628
00:31:25,669 --> 00:31:24,480
we are

629
00:31:26,870 --> 00:31:25,679
planning

630
00:31:28,470 --> 00:31:26,880
to

631
00:31:31,190 --> 00:31:28,480
move on

632
00:31:33,990 --> 00:31:31,200
because we have another event that is

633
00:31:36,950 --> 00:31:34,000
scheduled on our program so one more

634
00:31:39,190 --> 00:31:36,960
question from rob thank you rob navies

635
00:31:41,269 --> 00:31:39,200
again nasa tv for scott

636
00:31:43,350 --> 00:31:41,279
later this year november when you pass

637
00:31:45,590 --> 00:31:43,360
the halfway mark of your mission

638
00:31:47,750 --> 00:31:45,600

the international space station will

639
00:31:49,990 --> 00:31:47,760
celebrate the 15th anniversary of a

640
00:31:52,630 --> 00:31:50,000
permanent human occupancy very

641
00:31:54,630 --> 00:31:52,640
significant achievement how how do you

642
00:31:56,950 --> 00:31:54,640
characterize that achievement that

643
00:31:58,710 --> 00:31:56,960
accomplishment and what it represents as

644
00:32:01,669 --> 00:31:58,720
you and mikhail write your own chapter

645
00:32:04,230 --> 00:32:01,679
in space history

646
00:32:05,909 --> 00:32:04,240
yeah in my opinion the building and

647
00:32:07,669 --> 00:32:05,919
operating of the international space

648
00:32:09,509 --> 00:32:07,679
station over the you know the course of

649
00:32:11,750 --> 00:32:09,519
the last 15 years is probably one of the

650
00:32:14,789 --> 00:32:11,760
most complicated if not the most

651
00:32:16,549 --> 00:32:14,799
complicated you know thing that us as a

652
00:32:32,630 --> 00:32:16,559
species has

653
00:32:36,470 --> 00:32:34,710
if you think about it you know we're

654
00:32:39,830 --> 00:32:36,480
building a spaceship while flying around

655
00:32:42,549 --> 00:32:39,840
the earth at 17 000 plus miles per hour

656
00:32:45,750 --> 00:32:42,559
in a vacuum and extremes of

657
00:32:48,070 --> 00:32:45,760
temperatures and and pressures you know

658
00:32:49,830 --> 00:32:48,080
putting uh this vehicle together in some

659
00:33:10,630 --> 00:32:49,840
cases that these parts were never

660
00:33:14,870 --> 00:33:12,149
and the fact that we've done this as an

661
00:33:16,710 --> 00:33:14,880
international partnership uh not only

662
00:33:18,789 --> 00:33:16,720
the us and russians but

663
00:33:20,389 --> 00:33:18,799

all the european partners the japanese

664
00:33:23,110 --> 00:33:20,399
canadians is something that i'm

665
00:33:28,389 --> 00:33:23,120
extremely proud of of and proud to be a

666
00:33:28,399 --> 00:33:47,190
can you please stand in the center

667
00:33:50,070 --> 00:33:49,269
on behalf of everyone who is present