
JAXA
esa

1
00:00:05,030 --> 00:00:02,950
station this is isa piao from the

2
00:00:09,110 --> 00:00:05,040
national space center in leicester how

3
00:00:12,070 --> 00:00:10,629
hello everyone at the national space

4
00:00:13,669 --> 00:00:12,080
center in leicester this is the

5
00:00:18,710 --> 00:00:13,679
international space station and i hear

6
00:00:25,029 --> 00:00:20,950
great to see you jim i leave now the

7
00:00:30,630 --> 00:00:27,509
hello tim welcome again from leicester

8
00:00:32,470 --> 00:00:30,640
obviously home of the national space

9
00:00:34,549 --> 00:00:32,480
center we have hundreds of members of

10
00:00:35,910 --> 00:00:34,559
the public here and students but of

11
00:00:37,830 --> 00:00:35,920
course for us it's a really exciting

12
00:00:49,510 --> 00:00:37,840
time because leicester is home of the

13
00:00:53,670 --> 00:00:51,029

yeah you guys have certainly got an

14
00:00:55,430 --> 00:00:53,680
awful lot to celebrate down there and uh

15
00:01:00,709 --> 00:00:55,440
it's great joining you uh today in

16
00:01:05,030 --> 00:01:02,389
tim i'm delighted that we have this

17
00:01:06,469 --> 00:01:05,040
opportunity i know that time is tight um

18
00:01:08,550 --> 00:01:06,479
one of the first things i just wanted to

19
00:01:10,710 --> 00:01:08,560
thank you for i've got on stage with me

20
00:01:13,350 --> 00:01:10,720
here i've got a high altitude pressure

21
00:01:15,350 --> 00:01:13,360
suit and i've also got the backup flight

22
00:01:16,550 --> 00:01:15,360
kit for the experiments you did for us

23
00:01:19,030 --> 00:01:16,560
because from the national space

24
00:01:21,270 --> 00:01:19,040
academy's perspective we'd like to thank

25
00:01:23,590 --> 00:01:21,280
you for doing those experiments and from

26
00:01:26,149 --> 00:01:23,600
fai's perspective for aeronautics and

27
00:01:28,230 --> 00:01:26,159
astronautics we'd like to thank you for

28
00:01:31,030 --> 00:01:28,240
the inspiration you've been giving to to

29
00:01:32,550 --> 00:01:31,040
students across the united kingdom

30
00:01:34,789 --> 00:01:32,560
it's a great opportunity for us and i'd

31
00:01:37,429 --> 00:01:34,799
just like to start with with looking at

32
00:01:39,429 --> 00:01:37,439
five months into your mission tim um as

33
00:01:41,590 --> 00:01:39,439
somebody who started as a as a test

34
00:01:43,830 --> 00:01:41,600
pilot and has now become an astronaut

35
00:01:49,109 --> 00:01:43,840
how did you find that change from

36
00:01:53,030 --> 00:01:50,630
do you know it's a good question anu and

37
00:01:55,830 --> 00:01:53,040
it's been an incredible experience a

38
00:01:58,069 --> 00:01:55,840

fascinating journey and i've been amazed

39
00:01:59,830 --> 00:01:58,079
at the the transition and actually how

40
00:02:02,389 --> 00:01:59,840
easy the transition has been there are

41
00:02:04,950 --> 00:02:02,399
so many things that i have learned uh

42
00:02:06,709 --> 00:02:04,960
being a pilot and an instructor pilot

43
00:02:08,949 --> 00:02:06,719
and then a test pilot i think in

44
00:02:11,589 --> 00:02:08,959
particular coming from the aviation

45
00:02:13,270 --> 00:02:11,599
community you bring an awful lot to uh

46
00:02:15,190 --> 00:02:13,280
to being an astronaut many of the things

47
00:02:16,470 --> 00:02:15,200
that we deal with here in space are very

48
00:02:18,790 --> 00:02:16,480
similar to things that we're used to

49
00:02:21,110 --> 00:02:18,800
dealing with in the aviation industry

50
00:02:23,670 --> 00:02:21,120
and certainly i approach my job here as

51
00:02:25,750 --> 00:02:23,680
an astronaut still with my test pilots

52
00:02:28,150 --> 00:02:25,760
head on everything we do up here it's

53
00:02:30,390 --> 00:02:28,160
cutting edge technology we're developing

54
00:02:32,390 --> 00:02:30,400
new systems we're using new materials

55
00:02:34,150 --> 00:02:32,400
we're coming up with new techniques and

56
00:02:35,509 --> 00:02:34,160
in order to improve and to move forward

57
00:02:41,910 --> 00:02:35,519
it's good to have that kind of test

58
00:02:47,670 --> 00:02:44,630
tim one of fai's most prestigious awards

59
00:02:49,430 --> 00:02:47,680
is the comma of diploma which this year

60
00:02:51,430 --> 00:02:49,440
we've just announced it's been awarded

61
00:02:53,190 --> 00:02:51,440
to two of your your former crewmates on

62
00:02:54,949 --> 00:02:53,200
the space station scott kelly and

63
00:02:57,110 --> 00:02:54,959

mikhail kornienko for their completion

64
00:02:59,509 --> 00:02:57,120
of the year in space mission um i just

65
00:03:01,589 --> 00:02:59,519
wanted to share your thoughts on on

66
00:03:03,350 --> 00:03:01,599
this long duration space flight and how

67
00:03:06,949 --> 00:03:03,360
important it is if we're ultimately

68
00:03:12,229 --> 00:03:09,030
yeah i'm absolutely delighted for scott

69
00:03:14,550 --> 00:03:12,239
and mikhail to to uh and receive that uh

70
00:03:17,350 --> 00:03:14,560
very well deserved honor and it was a

71
00:03:19,589 --> 00:03:17,360
huge privilege for me to serve on board

72
00:03:21,830 --> 00:03:19,599
the space station under scott's uh

73
00:03:23,830 --> 00:03:21,840
leadership and with mikhail as well they

74
00:03:25,589 --> 00:03:23,840
were both excellent crewmates and really

75
00:03:27,030 --> 00:03:25,599
taught me an awful lot and one of the

76
00:03:28,710 --> 00:03:27,040
things that struck me

77
00:03:30,949 --> 00:03:28,720
you know spending the last kind of three

78
00:03:34,550 --> 00:03:30,959
months of their one-year mission was

79
00:03:36,710 --> 00:03:34,560
just how good they were in terms of

80
00:03:39,190 --> 00:03:36,720
obviously being extremely professional

81
00:03:41,030 --> 00:03:39,200
but also in great physical shape

82
00:03:43,110 --> 00:03:41,040
great mental shape as well and it really

83
00:03:44,869 --> 00:03:43,120
just proved to me that of course we can

84
00:03:46,149 --> 00:03:44,879
live and work in space for as long as we

85
00:03:49,030 --> 00:03:46,159
need to these missions that we're

86
00:03:51,430 --> 00:03:49,040
working on to to mars uh the human

87
00:03:53,110 --> 00:03:51,440
element the human physiology element uh

88
00:03:55,190 --> 00:03:53,120

i think we've nailed it we really have

89
00:03:56,390 --> 00:03:55,200
and we've got lots of techniques now as

90
00:03:57,910 --> 00:03:56,400
to how to deal with living in

91
00:04:00,550 --> 00:03:57,920
microgravity we've still got some

92
00:04:02,390 --> 00:04:00,560
technical challenges to overcome and and

93
00:04:04,070 --> 00:04:02,400
we're working on those but it really is

94
00:04:05,990 --> 00:04:04,080
you know the next steps to the moon to

95
00:04:12,229 --> 00:04:06,000
mars and beyond are well within our

96
00:04:16,150 --> 00:04:13,670
tim i want to take this opportunity now

97
00:04:19,590 --> 00:04:16,160
to hand over to some students who've got

98
00:04:23,830 --> 00:04:21,590
hiya tim uh my name is thomas from

99
00:04:25,749 --> 00:04:23,840
robert gordon's college aberdeen and my

100
00:04:27,990 --> 00:04:25,759
question is following the chip in the

101
00:04:33,590 --> 00:04:28,000
cupula have you personally seen any

102
00:04:36,870 --> 00:04:35,350
hi thomas yeah you know i should have

103
00:04:38,870 --> 00:04:36,880
pointed out that chip in the cupola

104
00:04:40,629 --> 00:04:38,880
window was there when i first arrived

105
00:04:42,790 --> 00:04:40,639
but having said that of course the space

106
00:04:45,590 --> 00:04:42,800
station does get struck by micro

107
00:04:46,950 --> 00:04:45,600
meteorites um and they they can't be

108
00:04:48,710 --> 00:04:46,960
tracked really they're too small to be

109
00:04:50,310 --> 00:04:48,720
tracked but we have lots of um

110
00:04:52,230 --> 00:04:50,320
mechanisms on the space station to

111
00:04:54,870 --> 00:04:52,240
protect us from those small pieces of

112
00:04:57,350 --> 00:04:54,880
debris um we don't actually see any of

113
00:04:59,030 --> 00:04:57,360

the debris up here and actually when i

114
00:05:00,469 --> 00:04:59,040
when i look at the cupola window as well

115
00:05:02,469 --> 00:05:00,479
it's very hard even to see other

116
00:05:03,830 --> 00:05:02,479
satellites but when i look back at the

117
00:05:06,150 --> 00:05:03,840
videos that i've taken and the

118
00:05:09,029 --> 00:05:06,160
time-lapse photographs i can see

119
00:05:11,350 --> 00:05:09,039
satellites moving around in the uh in

120
00:05:13,350 --> 00:05:11,360
the sky so um in terms of being able to

121
00:05:15,749 --> 00:05:13,360
visibly see debris no we can't but we

122
00:05:22,230 --> 00:05:15,759
can see the impact that debris has had

123
00:05:25,430 --> 00:05:23,830
thank you tim and now for our next

124
00:05:27,830 --> 00:05:25,440
question

125
00:05:29,830 --> 00:05:27,840
hi sim my name is adam rogero and i'm

126
00:05:31,990 --> 00:05:29,840
i'm from cascallen high school my

127
00:05:37,110 --> 00:05:32,000
question is which has been your favorite

128
00:05:41,909 --> 00:05:39,270
that's a good question um although it's

129
00:05:43,270 --> 00:05:41,919
a tough one for me to answer because um

130
00:05:45,110 --> 00:05:43,280
you know five months into the mission

131
00:05:47,830 --> 00:05:45,120
now we're we're welling well well over

132
00:05:51,029 --> 00:05:47,840
200 experiments down for expedition 46

133
00:05:52,870 --> 00:05:51,039
and 47. some of the more exciting ones

134
00:05:54,950 --> 00:05:52,880
have been the ones that we have a lot of

135
00:05:56,710 --> 00:05:54,960
practical interest in as well for

136
00:05:58,309 --> 00:05:56,720
example the airway monitoring experiment

137
00:06:00,469 --> 00:05:58,319
the first time we used the space

138
00:06:03,270 --> 00:06:00,479

station's airlock as a hyperbaric

139
00:06:05,189 --> 00:06:03,280
chamber investigating our own airway

140
00:06:06,550 --> 00:06:05,199
inflammation in using nitric oxide as an

141
00:06:08,309 --> 00:06:06,560
indicator for that so some

142
00:06:09,990 --> 00:06:08,319
groundbreaking techniques there that

143
00:06:12,550 --> 00:06:10,000
will help people on earth who suffer

144
00:06:14,629 --> 00:06:12,560
from asthma um so that that really for

145
00:06:15,990 --> 00:06:14,639
me was a very exciting experiment to to

146
00:06:18,629 --> 00:06:16,000
be involved in

147
00:06:21,029 --> 00:06:18,639
and also things such as flame combustion

148
00:06:29,430 --> 00:06:21,039
experiments as well it's fascinating to

149
00:06:33,909 --> 00:06:31,430
tim just for launch there was a great

150
00:06:35,270 --> 00:06:33,919
shout out for you from mella primary

151
00:06:37,189 --> 00:06:35,280
school here in leicester just down the

152
00:06:40,469 --> 00:06:37,199
road and so the next question is from

153
00:06:45,189 --> 00:06:42,950
hi tim my name is shreya and i'm from

154
00:06:47,510 --> 00:06:45,199
mella community primary school and my

155
00:06:49,830 --> 00:06:47,520
question to you is which is more

156
00:06:53,830 --> 00:06:49,840
beautiful daytime earth or night time

157
00:06:57,909 --> 00:06:55,990
hi freya uh got another difficult

158
00:07:00,469 --> 00:06:57,919
question to answer because they're both

159
00:07:02,629 --> 00:07:00,479
stunning some of the things i love at

160
00:07:04,710 --> 00:07:02,639
the night time are thunderstorms and the

161
00:07:06,629 --> 00:07:04,720
aurora and we've really been quite lucky

162
00:07:09,589 --> 00:07:06,639
the the we've had a lot of solar

163
00:07:11,110 --> 00:07:09,599

activity during this mission and i

164
00:07:13,110 --> 00:07:11,120
thought i wouldn't see that much of the

165
00:07:15,270 --> 00:07:13,120
aurora but we've been spoiled i see it

166
00:07:17,749 --> 00:07:15,280
more often than not um and also the

167
00:07:19,589 --> 00:07:17,759
aurora australis which is is beautiful

168
00:07:21,670 --> 00:07:19,599
and just as powerful and as stunning as

169
00:07:24,150 --> 00:07:21,680
the aurora borealis

170
00:07:26,550 --> 00:07:24,160
and in by day time of course we get to

171
00:07:28,870 --> 00:07:26,560
see all of the beautiful places that we

172
00:07:30,550 --> 00:07:28,880
recognize on earth and and i take lots

173
00:07:31,830 --> 00:07:30,560
of photos in the daytime and at night

174
00:07:37,430 --> 00:07:31,840
time and they're both absolutely

175
00:07:41,430 --> 00:07:39,830
thank you and we have another student

176
00:07:43,830 --> 00:07:41,440
question

177
00:07:46,230 --> 00:07:43,840
hello kid my name is from mellow

178
00:07:49,510 --> 00:07:46,240
community primary school and my question

179
00:07:54,309 --> 00:07:49,520
for you is what exercises do you do to

180
00:07:59,110 --> 00:07:56,469
yes keeping fit in space is really

181
00:08:01,029 --> 00:07:59,120
important um so that we can prepare

182
00:08:03,510 --> 00:08:01,039
ourselves for coming back and living on

183
00:08:05,589 --> 00:08:03,520
earth in a one that one g environment so

184
00:08:07,830 --> 00:08:05,599
we tend to exercise for about two hours

185
00:08:09,670 --> 00:08:07,840
every day and that's a mixture of

186
00:08:11,589 --> 00:08:09,680
cardiovascular exercise so we'll either

187
00:08:13,589 --> 00:08:11,599
jump on the running machine or on the

188
00:08:15,189 --> 00:08:13,599

bike machine to get our heart rate up

189
00:08:17,510 --> 00:08:15,199
and to give our heart muscle a good

190
00:08:19,909 --> 00:08:17,520
workout and then we'll also exercise on

191
00:08:22,629 --> 00:08:19,919
a device we call a red which is uses

192
00:08:30,150 --> 00:08:22,639
vacuum cylinders to give us some weight

193
00:08:34,149 --> 00:08:32,630
tmf fai is all about setting records my

194
00:08:35,909 --> 00:08:34,159
next question is from somebody who i

195
00:08:37,509 --> 00:08:35,919
think has already set a record as the

196
00:08:39,750 --> 00:08:37,519
youngest person ever to fly in a

197
00:08:43,029 --> 00:08:39,760
vertical wind tunnel it's noah

198
00:08:44,550 --> 00:08:43,039
montgomery and he is going to be four in

199
00:08:46,949 --> 00:08:44,560
two days time so i think we're setting a

200
00:08:48,870 --> 00:08:46,959
record for an in-flight call age here so

201
00:08:51,750 --> 00:08:48,880
noah what's your question to tim

202
00:08:53,670 --> 00:08:51,760
if he has a telescope

203
00:08:55,590 --> 00:08:53,680
so noah has asked me this question many

204
00:09:00,710 --> 00:08:55,600
times does tim have a telescope like the

205
00:09:03,750 --> 00:09:02,310
no that's a great question i think

206
00:09:05,910 --> 00:09:03,760
you're obviously well on the way to

207
00:09:07,829 --> 00:09:05,920
being a great adventurer and explorer

208
00:09:10,389 --> 00:09:07,839
and astronaut with uh you know with your

209
00:09:12,870 --> 00:09:10,399
wind tunnel achievements um in terms of

210
00:09:15,190 --> 00:09:12,880
a telescope in space we don't have a

211
00:09:17,430 --> 00:09:15,200
telescope but we do have

212
00:09:19,590 --> 00:09:17,440
several pairs of binoculars which are

213
00:09:21,430 --> 00:09:19,600

stabilized so that we can use them for

214
00:09:24,389 --> 00:09:21,440
some astronomy as well as looking at the

215
00:09:27,509 --> 00:09:24,399
earth and some of our cameras have some

216
00:09:29,910 --> 00:09:27,519
really large lenses on them uh and so we

217
00:09:32,070 --> 00:09:29,920
can kind of see down to a very fine

218
00:09:33,670 --> 00:09:32,080
detail we can almost see something as

219
00:09:35,509 --> 00:09:33,680
small as your house or your garden

220
00:09:38,230 --> 00:09:35,519
through those uh through those camera

221
00:09:39,829 --> 00:09:38,240
lenses so uh no telescopes but plenty of

222
00:09:45,750 --> 00:09:39,839
optics to help us look at the stars and

223
00:09:49,829 --> 00:09:48,070
tim we've also had a question from one

224
00:09:51,509 --> 00:09:49,839
of our facebook

225
00:09:53,269 --> 00:09:51,519
facebook likers at the national space

226
00:09:55,269 --> 00:09:53,279
center website it's from declan proud

227
00:09:57,590 --> 00:09:55,279
and he wanted to know how does it feel

228
00:09:58,870 --> 00:09:57,600
to inspire so many children and adults

229
00:10:00,710 --> 00:09:58,880
getting into

230
00:10:02,790 --> 00:10:00,720
stem science technology engineering and

231
00:10:04,870 --> 00:10:02,800
math subjects with what he's called the

232
00:10:08,949 --> 00:10:04,880
tim peak effect because it's been so

233
00:10:13,590 --> 00:10:10,870
oh you know i know it's uh it's a good

234
00:10:15,590 --> 00:10:13,600
question and i set out um on this uh

235
00:10:17,509 --> 00:10:15,600
journey if you like before the mission i

236
00:10:19,670 --> 00:10:17,519
i just had an objective of wanting to

237
00:10:21,190 --> 00:10:19,680
share it as much with everybody as

238
00:10:23,670 --> 00:10:21,200

possible

239
00:10:27,030 --> 00:10:23,680
you know in the uk since helen sharman's

240
00:10:28,949 --> 00:10:27,040
flight which is almost exactly 25 years

241
00:10:30,069 --> 00:10:28,959
ago she celebrates that anniversary this

242
00:10:32,389 --> 00:10:30,079
weekend

243
00:10:33,910 --> 00:10:32,399
the uk hasn't had much to do with human

244
00:10:36,389 --> 00:10:33,920
space fight and it's a a rare

245
00:10:38,310 --> 00:10:36,399
opportunity so i wanted to try and share

246
00:10:40,470 --> 00:10:38,320
this mission as much as possible with

247
00:10:42,870 --> 00:10:40,480
everybody and to try and help inspire

248
00:10:45,829 --> 00:10:42,880
our next generation of young scientists

249
00:10:47,829 --> 00:10:45,839
and engineers that there is a real great

250
00:10:49,910 --> 00:10:47,839
benefit of getting involved in stem

251
00:10:52,949 --> 00:10:49,920
subjects right now that will set you up

252
00:10:55,350 --> 00:10:52,959
for a very exciting future and i'm just

253
00:10:57,430 --> 00:10:55,360
absolutely delighted that this mission

254
00:10:59,030 --> 00:10:57,440
seems to have had that effect and i

255
00:11:03,670 --> 00:10:59,040
couldn't have asked for it to go any

256
00:11:06,710 --> 00:11:05,110
that ties in nicely with another

257
00:11:08,310 --> 00:11:06,720
question we had on facebook from from

258
00:11:10,389 --> 00:11:08,320
kat evans you've answered the first part

259
00:11:12,470 --> 00:11:10,399
of her question about advice for being

260
00:11:14,550 --> 00:11:12,480
an astronaut but she also asked what's

261
00:11:20,150 --> 00:11:14,560
the hardest thing about being in space

262
00:11:24,949 --> 00:11:22,230
um gosh good questions the hardest thing

263
00:11:26,790 --> 00:11:24,959

about being in space um well i think you

264
00:11:28,550 --> 00:11:26,800
know being separated from friends and

265
00:11:30,550 --> 00:11:28,560
family really from a kind of an

266
00:11:32,630 --> 00:11:30,560
emotional point of view that's obviously

267
00:11:35,030 --> 00:11:32,640
difficult being up here for long periods

268
00:11:36,870 --> 00:11:35,040
of time um from an actual sort of

269
00:11:39,190 --> 00:11:36,880
operational perspective the hardest

270
00:11:42,150 --> 00:11:39,200
thing about being in space is not losing

271
00:11:43,750 --> 00:11:42,160
stuff uh it's very easy to let go and as

272
00:11:45,990 --> 00:11:43,760
soon as you let go of something it just

273
00:11:47,590 --> 00:11:46,000
drifts away and uh and actually they can

274
00:11:48,790 --> 00:11:47,600
move fairly quickly and you look back a

275
00:11:50,629 --> 00:11:48,800
couple of minutes later and it's not

276
00:11:51,910 --> 00:11:50,639
there and you've lost it so keeping

277
00:11:54,829 --> 00:11:51,920
track of everything is probably the

278
00:11:57,430 --> 00:11:54,839
hardest thing about being in

279
00:11:59,269 --> 00:11:57,440
space i'm sorry the the second part of

280
00:12:02,230 --> 00:11:59,279
that question i knew what's the best

281
00:12:05,590 --> 00:12:02,240
thing about being in space um it has to

282
00:12:08,150 --> 00:12:05,600
be the the view of planet earth i mean i

283
00:12:09,590 --> 00:12:08,160
thought that um after maybe a month two

284
00:12:12,069 --> 00:12:09,600
months three months you would go to the

285
00:12:13,350 --> 00:12:12,079
cupola windows look down and you know

286
00:12:15,110 --> 00:12:13,360
you could you'd have kind of seen it all

287
00:12:17,030 --> 00:12:15,120
before and you'd get used to it it's

288
00:12:19,350 --> 00:12:17,040

something that i never get used to

289
00:12:21,030 --> 00:12:19,360
there's always something exciting

290
00:12:23,350 --> 00:12:21,040
something different something beautiful

291
00:12:25,590 --> 00:12:23,360
to see outside the window it's hugely

292
00:12:27,829 --> 00:12:25,600
addictive and uh the more you look at

293
00:12:33,670 --> 00:12:27,839
planet earth the more you start seeing

294
00:12:36,550 --> 00:12:35,190
tim i know we've only got about a minute

295
00:12:38,470 --> 00:12:36,560
or so left but that ties in with the

296
00:12:39,590 --> 00:12:38,480
last question from all of us which is

297
00:12:41,430 --> 00:12:39,600
really with

298
00:12:43,590 --> 00:12:41,440
five months into your mission gone and a

299
00:12:45,590 --> 00:12:43,600
month before you return to earth i mean

300
00:12:47,350 --> 00:12:45,600
what are your thoughts going into this

301
00:12:49,910 --> 00:12:47,360
final month and and how have your

302
00:12:51,750 --> 00:12:49,920
perspectives changed over the last five

303
00:12:53,990 --> 00:12:51,760
months because for us on the ground it's

304
00:12:58,710 --> 00:12:54,000
been absolutely inspirational it'd be

305
00:13:01,829 --> 00:13:00,230
yes you know i mean from an operational

306
00:13:03,430 --> 00:13:01,839
point of view we just treat every day

307
00:13:05,430 --> 00:13:03,440
the same up here you have to be very

308
00:13:06,470 --> 00:13:05,440
focused uh there's a lot of work still

309
00:13:08,069 --> 00:13:06,480
left to do

310
00:13:10,470 --> 00:13:08,079
you have to obviously always be ready

311
00:13:12,310 --> 00:13:10,480
for uh any eventualities anything any

312
00:13:14,710 --> 00:13:12,320
off nominal situations that may happen

313
00:13:16,310 --> 00:13:14,720

so i know i'm going back in four weeks

314
00:13:17,750 --> 00:13:16,320
time but i don't really think about that

315
00:13:19,990 --> 00:13:17,760
i just kind of take every day as it

316
00:13:23,110 --> 00:13:20,000
comes and focus on what the next main

317
00:13:25,590 --> 00:13:23,120
task is but over the main over the five

318
00:13:28,150 --> 00:13:25,600
months looking back on the mission um it

319
00:13:30,550 --> 00:13:28,160
has just been hugely rewarding it's been

320
00:13:32,470 --> 00:13:30,560
an incredible privilege to live and work

321
00:13:34,550 --> 00:13:32,480
on board the space station uh the

322
00:13:36,949 --> 00:13:34,560
science has been amazing the space walk

323
00:13:38,790 --> 00:13:36,959
was a real highlight uh and things like

324
00:13:41,829 --> 00:13:38,800
capturing visiting vehicles the dragon

325
00:13:43,750 --> 00:13:41,839
spacecraft as well a real highlight um

326
00:13:45,910 --> 00:13:43,760
and i think it won't really be until i

327
00:13:48,310 --> 00:13:45,920
get back to earth that i actually have

328
00:13:53,110 --> 00:13:48,320
time to reflect on just how amazing the

329
00:13:56,790 --> 00:13:54,710
well tim we're going to be celebrating

330
00:13:58,230 --> 00:13:56,800
your return to earth with a launch party

331
00:14:00,949 --> 00:13:58,240
here and i know that's going to be

332
00:14:02,870 --> 00:14:00,959
replicated across the united kingdom and

333
00:14:04,470 --> 00:14:02,880
i know that speaking to colleagues in

334
00:14:06,310 --> 00:14:04,480
many other countries that they have been

335
00:14:08,230 --> 00:14:06,320
as inspired

336
00:14:11,030 --> 00:14:08,240
as we have by your mission so i'd like

337
00:14:14,710 --> 00:14:11,040
to finish in truly british style with uh

338
00:14:20,470 --> 00:14:14,720

three cheers for tim hit it

339
00:14:20,480 --> 00:14:29,189
and a round of applause as well please

340
00:14:33,030 --> 00:14:31,430
thank you so much anu and thank you to

341
00:14:34,870 --> 00:14:33,040
everybody at the national space center

342
00:14:36,310 --> 00:14:34,880
in leicester it's been a real honor to

343
00:14:37,750 --> 00:14:36,320
be speaking to you this afternoon i've

344
00:14:42,710 --> 00:14:37,760
really enjoyed it thank you very much