



1  
00:00:07,160 --> 00:00:04,340  
Bonjour station this is Houston are you

2  
00:00:10,910 --> 00:00:07,170  
ready for the event moser Houston yes

3  
00:00:12,650 --> 00:00:10,920  
I'm ready for the event TVA this is

4  
00:00:25,880 --> 00:00:12,660  
Mission Control Houston please call

5  
00:00:27,500 --> 00:00:25,890  
station for a voice check you know this

6  
00:00:29,330 --> 00:00:27,510  
is chris hadfield about la Stazione

7  
00:00:35,569 --> 00:00:29,340  
special international I read you loud

8  
00:00:39,470 --> 00:00:35,579  
and clear so crispy rid of all the

9  
00:00:42,020 --> 00:00:39,480  
burner realized about michelle bachman

10  
00:00:43,639 --> 00:00:42,030  
is up mother where are you right now in

11  
00:00:46,490 --> 00:00:43,649  
the space station where are you talking

12  
00:00:49,610 --> 00:00:46,500  
to us from she just a raggedy lily I am

13  
00:00:52,459 --> 00:00:49,620

just looking out the window here and I

14

00:00:55,639 --> 00:00:52,469

think it is the Pacific it's always a

15

00:00:57,950 --> 00:00:55,649

Pacific because it's a huge ocean but

16

00:01:01,010 --> 00:00:57,960

from time to time we can see the

17

00:01:04,310 --> 00:01:01,020

different countries on earth and in

18

00:01:07,730 --> 00:01:04,320

Canada Chris with analyst i suspect that

19

00:01:10,160 --> 00:01:07,740

you do more dieselstation i'ma go

20

00:01:14,210 --> 00:01:10,170

drilling down what Solomon but we move

21

00:01:17,899 --> 00:01:14,220

don't we let their family together wall

22

00:01:19,730 --> 00:01:17,909

at your own limo is it getting too tight

23

00:01:21,890 --> 00:01:19,740

right now for you over there for this

24

00:01:24,499 --> 00:01:21,900

silicon for me it's very difficult to

25

00:01:27,679 --> 00:01:24,509

believe that it's been two months it

26

00:01:30,950 --> 00:01:27,689

seems like it's been just an instant we

27

00:01:33,050 --> 00:01:30,960

have monday and friday it's monday and

28

00:01:35,510 --> 00:01:33,060

then friday again all of a sudden times

29

00:01:38,210 --> 00:01:35,520

really flies here we're very busy we

30

00:01:40,910 --> 00:01:38,220

have experienced very experiments good

31

00:01:43,490 --> 00:01:40,920

shows many things to do every day and

32

00:01:47,149 --> 00:01:43,500

the evenings we have our personal

33

00:01:51,770 --> 00:01:47,159

project there's a jewel and with this we

34

00:01:55,789 --> 00:01:51,780

have full days really i'm very happy and

35

00:01:58,219 --> 00:01:55,799

my hope was that men are sisters i will

36

00:02:01,880 --> 00:01:58,229

have more time two months really seem

37

00:02:05,030 --> 00:02:01,890

like two days to me but exactly the

38

00:02:08,540 --> 00:02:05,040

effect that you're talking about of your

39

00:02:12,350 --> 00:02:08,550

experiments you are very popular the

40

00:02:13,910 --> 00:02:12,360

media all over the world is bustling

41

00:02:16,640 --> 00:02:13,920

with all the tweet

42

00:02:19,370 --> 00:02:16,650

and everything that you're doing are you

43

00:02:22,280 --> 00:02:19,380

surprised by the amount of attention

44

00:02:24,320 --> 00:02:22,290

that you're drawing on earth yes it

45

00:02:26,930 --> 00:02:24,330

really is a surprise but at the same

46

00:02:30,260 --> 00:02:26,940

time for me this business it's very

47

00:02:33,470 --> 00:02:30,270

special school because for message it's

48

00:02:38,390 --> 00:02:33,480

a reaffirmation of the interest there is

49

00:02:41,750 --> 00:02:38,400

the world in it while it is amazing to

50

00:02:43,850 --> 00:02:41,760

see a star that we've created it's a

51  
00:02:47,120 --> 00:02:43,860  
reality it's not a dream it's something

52  
00:02:50,420 --> 00:02:47,130  
we've done together and with technology

53  
00:02:53,420 --> 00:02:50,430  
like Twitter I can communicate directly

54  
00:02:56,570 --> 00:02:53,430  
with everybody and there is a huge

55  
00:02:59,870 --> 00:02:56,580  
reaction and it's amazing to be a part

56  
00:03:02,600 --> 00:02:59,880  
of this mission of this experience for

57  
00:03:06,289 --> 00:03:02,610  
more search for me it's something very

58  
00:03:09,559 --> 00:03:06,299  
special to have this type of reaction is

59  
00:03:12,710 --> 00:03:09,569  
a reaffirmation of the choice I made for

60  
00:03:15,320 --> 00:03:12,720  
my life force and to take the time that

61  
00:03:19,280 --> 00:03:15,330  
we are doing of what we are doing here

62  
00:03:21,380 --> 00:03:19,290  
it's very important to make everybody be

63  
00:03:25,009 --> 00:03:21,390

able to share that so this is a

64

00:03:28,789 --> 00:03:25,019

wonderful reaction for me and for the

65

00:03:31,900 --> 00:03:28,799

rest of the crew here unborn and I think

66

00:03:34,990 --> 00:03:31,910

the public is very interested because

67

00:03:37,819 --> 00:03:35,000

expecting about that though your

68

00:03:41,660 --> 00:03:37,829

experiments and right now there's

69

00:03:44,270 --> 00:03:41,670

children that have written to us and I

70

00:03:48,920 --> 00:03:44,280

see you with a microphone playing and

71

00:03:50,360 --> 00:03:48,930

how is it to live in zero gravity and

72

00:03:52,039 --> 00:03:50,370

sometimes like when you're playing with

73

00:03:55,280 --> 00:03:52,049

a microphone and other things that you

74

00:03:58,039 --> 00:03:55,290

do how is it you see dollar pairs well

75

00:04:00,830 --> 00:03:58,049

life here cause you defend zero gravity

76

00:04:02,690 --> 00:04:00,840

its sponsorship sleep red amazing the

77

00:04:04,910 --> 00:04:02,700

things you can do I'm ready for the

78

00:04:07,970 --> 00:04:04,920

Cirque du Soleil now because it is

79

00:04:11,599 --> 00:04:07,980

amazing the thing that I can do in zero

80

00:04:14,059 --> 00:04:11,609

gravity I'm a gymnast and a magician

81

00:04:17,479 --> 00:04:14,069

like I could never be on earth and this

82

00:04:20,659 --> 00:04:17,489

is like a miracle everyday to see I am

83

00:04:23,210 --> 00:04:20,669

like spider-man or Superman and I am

84

00:04:26,779 --> 00:04:23,220

just used to be able to do this right

85

00:04:27,860 --> 00:04:26,789

now and I'm used to it now it just is a

86

00:04:30,980 --> 00:04:27,870

part of my every

87

00:04:33,790 --> 00:04:30,990

life here notice there are very

88

00:04:36,950 --> 00:04:33,800

important things we're doing scientific

89

00:04:40,490 --> 00:04:36,960

experiments to better understand how we

90

00:04:44,360 --> 00:04:40,500

exist on space the psychology the

91

00:04:46,629 --> 00:04:44,370

physiology and expose well it is a lot

92

00:04:49,280 --> 00:04:46,639

of fun it is a human experience that's

93

00:04:51,140 --> 00:04:49,290

unbelievable and I had been dreaming

94

00:04:52,520 --> 00:04:51,150

about this since I was nine years old so

95

00:04:55,250 --> 00:04:52,530

for all the children around the world

96

00:04:59,330 --> 00:04:55,260

and for all the students it is an

97

00:05:03,620 --> 00:04:59,340

objective that is an amazing thing that

98

00:05:08,450 --> 00:05:03,630

is possible now in a few days you will

99

00:05:13,400 --> 00:05:08,460

have the boss of the space station with

100

00:05:17,020 --> 00:05:13,410

you and how how is this going to be for

101  
00:05:20,150 --> 00:05:17,030  
you this is particular sir well maybe

102  
00:05:23,060 --> 00:05:20,160  
this is funny but it's amazing to

103  
00:05:26,540 --> 00:05:23,070  
believe I had really dreamed of this

104  
00:05:28,670 --> 00:05:26,550  
this was an objective for me a goal come

105  
00:05:30,950 --> 00:05:28,680  
on smart and it was impossible in the

106  
00:05:35,810 --> 00:05:30,960  
beginning it was difficult but now it's

107  
00:05:37,750 --> 00:05:35,820  
almost possible like you said in 1 don't

108  
00:05:41,540 --> 00:05:37,760  
illustrations past week I will be

109  
00:05:43,940 --> 00:05:41,550  
loosely commander the responsibilities

110  
00:05:47,050 --> 00:05:43,950  
will be on my shoulders it's really a

111  
00:05:49,600 --> 00:05:47,060  
privilege to book udupi and many

112  
00:05:52,820 --> 00:05:49,610  
countries throughout the world many

113  
00:05:56,439 --> 00:05:52,830

Canadians have worked very hard the

114

00:06:00,140 --> 00:05:56,449

support to support a deficit this

115

00:06:02,300 --> 00:06:00,150

building this place and now to be the

116

00:06:04,850 --> 00:06:02,310

commander is a needy prepara this is

117

00:06:06,020 --> 00:06:04,860

going to be my job and I have been

118

00:06:08,450 --> 00:06:06,030

waiting for many years I've been

119

00:06:10,730 --> 00:06:08,460

prepared so I'm very lucky but I've also

120

00:06:15,320 --> 00:06:10,740

been able to watch the other commanders

121

00:06:17,480 --> 00:06:15,330

mr. Williams when well as several months

122

00:06:20,390 --> 00:06:17,490

ago and Kevin Ford now they have been a

123

00:06:23,240 --> 00:06:20,400

great example for me genuine and I just

124

00:06:25,939 --> 00:06:23,250

have to continue the mission that's

125

00:06:28,790 --> 00:06:25,949

something they have something Allah

126  
00:06:30,890 --> 00:06:28,800  
started to the health of the people the

127  
00:06:35,240 --> 00:06:30,900  
health of the station itself but also

128  
00:06:38,270 --> 00:06:35,250  
for me since I am I little guy from

129  
00:06:40,300 --> 00:06:38,280  
Canada this is really unbelievable it's

130  
00:06:43,360 --> 00:06:40,310  
it's amazing

131  
00:06:46,870 --> 00:06:43,370  
I can't believe it this is a vacation

132  
00:06:49,690 --> 00:06:46,880  
Chris you made reference to hell that a

133  
00:06:51,700 --> 00:06:49,700  
few minutes ago and sometimes in the

134  
00:06:59,320 --> 00:06:51,710  
International Space Station somebody can

135  
00:07:02,950 --> 00:06:59,330  
be gravely ill uh we are yes health is

136  
00:07:05,530 --> 00:07:02,960  
very good here it's impossible to have

137  
00:07:07,690 --> 00:07:05,540  
you can visit a cold here because we

138  
00:07:11,620 --> 00:07:07,700

don't have any visitors and it is a very

139

00:07:14,500 --> 00:07:11,630

today's separate letter um clear

140

00:07:17,680 --> 00:07:14,510

atmosphere separated from Earth but at

141

00:07:22,030 --> 00:07:17,690

the same time come on wait jamaica some

142

00:07:24,580 --> 00:07:22,040

large Showzen as the humans that are in

143

00:07:26,800 --> 00:07:24,590

good health mobile platform under-keeper

144

00:07:30,100 --> 00:07:26,810

have a good health to be able to be a

145

00:07:32,470 --> 00:07:30,110

member of this crew but also if we do

146

00:07:37,090 --> 00:07:32,480

have a problem we do have the training

147

00:07:40,810 --> 00:07:37,100

to respond appropriately we also have a

148

00:07:43,360 --> 00:07:40,820

doctor mr. mash dr. Mashburn I am

149

00:07:46,060 --> 00:07:43,370

qualified as an emergency medical

150

00:07:48,280 --> 00:07:46,070

technician and I have worked in a

151

00:07:50,560 --> 00:07:48,290

hospital in the United States just to

152

00:07:54,340 --> 00:07:50,570

better understand what I am supposed to

153

00:07:58,000 --> 00:07:54,350

do we do have a pharmacy on the station

154

00:08:00,550 --> 00:07:58,010

not a lot but I not see you but if we

155

00:08:04,000 --> 00:08:00,560

had a serious problem it is possible

156

00:08:06,880 --> 00:08:04,010

ready to go back to earth of course to

157

00:08:09,670 --> 00:08:06,890

go back home season is in a few hours of

158

00:08:12,280 --> 00:08:09,680

course but if it were necessary only

159

00:08:15,250 --> 00:08:12,290

this is one of the risks of being an

160

00:08:17,650 --> 00:08:15,260

astronaut is to be in orbit and we are

161

00:08:19,600 --> 00:08:17,660

ready obviously after all the years of

162

00:08:22,630 --> 00:08:19,610

preparation we are ready for this Oh

163

00:08:24,730 --> 00:08:22,640

same with the television de and they

164

00:08:27,340 --> 00:08:24,740

want your planet back originally with

165

00:08:31,210 --> 00:08:27,350

the invention of the planet right now

166

00:08:33,400 --> 00:08:31,220

give equal can you flew ragama test this

167

00:08:36,130 --> 00:08:33,410

invention that is called micro flow that

168

00:08:39,400 --> 00:08:36,140

is Canadian just app in space well after

169

00:08:43,030 --> 00:08:39,410

two weeks versus yes there will be a

170

00:08:46,270 --> 00:08:43,040

special your vessel called dragon that

171

00:08:49,660 --> 00:08:46,280

will come look to not remember we

172

00:08:51,610 --> 00:08:49,670

grabbed by the Canada arm our cannon arm

173

00:08:53,350 --> 00:08:51,620

and I think it'll be the first second of

174

00:08:56,470 --> 00:08:53,360

March and then

175

00:08:58,960 --> 00:08:56,480

this special vessel please experience

176

00:09:02,889 --> 00:08:58,970

there will be some experiments not very

177

00:09:04,900 --> 00:09:02,899

large small that were created in Quebec

178

00:09:08,470 --> 00:09:04,910

micro flow they are cold and it's like a

179

00:09:11,259 --> 00:09:08,480

small Hospital up to now poor it was

180

00:09:14,500 --> 00:09:11,269

what exact amount to better understand

181

00:09:18,790 --> 00:09:14,510

the health of an astronaut you know to

182

00:09:21,870 --> 00:09:18,800

see a huge roar huge equipment but with

183

00:09:25,870 --> 00:09:21,880

this with micro flow we will be able to

184

00:09:28,300 --> 00:09:25,880

test the conduct tests for example blood

185

00:09:31,389 --> 00:09:28,310

tests very simply for astronauts with

186

00:09:33,970 --> 00:09:31,399

this very small it's like something the

187

00:09:36,639 --> 00:09:33,980

size of a microwave it's Paul news event

188

00:09:39,579 --> 00:09:36,649

for us this will be great because it

189

00:09:41,800 --> 00:09:39,589

will be see politics better for us to

190

00:09:44,290 --> 00:09:41,810

evaluate our own health and for the

191

00:09:48,009 --> 00:09:44,300

station as well so that we don't have to

192

00:09:49,810 --> 00:09:48,019

bring things to earth to analyze Susie

193

00:09:53,139 --> 00:09:49,820

bubble but also it will be good for

194

00:09:55,389 --> 00:09:53,149

Canada because there are Canadians that

195

00:09:58,569 --> 00:09:55,399

do not beat Olly don't live very close

196

00:10:02,019 --> 00:09:58,579

to a hospital and even for them this

197

00:10:05,620 --> 00:10:02,029

will be food good so they can have a

198

00:10:07,840 --> 00:10:05,630

higher quality of health care and better

199

00:10:10,210 --> 00:10:07,850

life for all Canadians throughout this

200

00:10:12,759 --> 00:10:10,220

and because of this invention that is

201  
00:10:14,590 --> 00:10:12,769  
necessary for your astronauts is such a

202  
00:10:17,439 --> 00:10:14,600  
challenge to have an environment like

203  
00:10:19,870 --> 00:10:17,449  
this when you have a challenge as a

204  
00:10:22,750 --> 00:10:19,880  
human then you can create an invention

205  
00:10:24,699 --> 00:10:22,760  
something new that is a different idea

206  
00:10:27,699 --> 00:10:24,709  
and that is the result of this and I

207  
00:10:29,650 --> 00:10:27,709  
hope and a few weeks ago I started with

208  
00:10:31,689 --> 00:10:29,660  
the experiments with this to see the

209  
00:10:34,900 --> 00:10:31,699  
results and to better understand how

210  
00:10:37,689 --> 00:10:34,910  
this works Christmas Eve it was a fish

211  
00:10:41,590 --> 00:10:37,699  
you have three children that live in

212  
00:10:44,050 --> 00:10:41,600  
China in Germany and Ireland and during

213  
00:10:46,269 --> 00:10:44,060

your trips to canada until the United

214

00:10:48,460 --> 00:10:46,279

States how do you stay in touch with

215

00:10:50,769 --> 00:10:48,470

them and is this important for you we

216

00:10:53,439 --> 00:10:50,779

see this you see yes it's very difficult

217

00:10:56,439 --> 00:10:53,449

if I'm in Houston or in Montreal or here

218

00:10:58,949 --> 00:10:56,449

in the station jail email you see I have

219

00:11:01,600 --> 00:10:58,959

email here just not all the time before

220

00:11:04,810 --> 00:11:01,610

purchase several times a day

221

00:11:07,810 --> 00:11:04,820

it's possible to refresh our email with

222

00:11:11,019 --> 00:11:07,820

them also when we have a type of brown

223

00:11:14,860 --> 00:11:11,029

Sh'ma contact between the station and

224

00:11:18,130 --> 00:11:14,870

the satellite with Mexico and Houston

225

00:11:21,220 --> 00:11:18,140

it's possible to connect everything with

226

00:11:24,160 --> 00:11:21,230

the telephonic probably systems and I

227

00:11:26,769 --> 00:11:24,170

can scroll it's kind of like skype and I

228

00:11:29,410 --> 00:11:26,779

can call directly to my son diverse

229

00:11:32,050 --> 00:11:29,420

Asia's he had his birthday my son a few

230

00:11:34,150 --> 00:11:32,060

years of a few months ago he was 30

231

00:11:36,370 --> 00:11:34,160

years old and I called him directly in

232

00:11:39,250 --> 00:11:36,380

China it was possible not like that but

233

00:11:43,360 --> 00:11:39,260

without computer but it is possible once

234

00:11:45,009 --> 00:11:43,370

in a while to call the family so support

235

00:11:47,199 --> 00:11:45,019

Elmo different panola it's not very

236

00:11:51,759 --> 00:11:47,209

different during the training I was in

237

00:11:55,060 --> 00:11:51,769

Europe in Japan in Russia peruse and for

238

00:11:58,110 --> 00:11:55,070

them it's similar because it's just that

239

00:12:01,030 --> 00:11:58,120

daddy is somewhere else far away and

240

00:12:02,949 --> 00:12:01,040

from time to time is he merely telephony

241

00:12:04,870 --> 00:12:02,959

I would send them emails and call them

242

00:12:07,060 --> 00:12:04,880

and now it's possible here with the

243

00:12:08,920 --> 00:12:07,070

technology we have available right now

244

00:12:11,290 --> 00:12:08,930

we can do this from space from the

245

00:12:14,189 --> 00:12:11,300

station Oh with a view amount to nothing

246

00:12:17,910 --> 00:12:14,199

but we have seen you for mardi gras with

247

00:12:21,490 --> 00:12:17,920

y'all from the car your costume and for

248

00:12:24,250 --> 00:12:21,500

Valentine's Day also what do you have to

249

00:12:26,380 --> 00:12:24,260

surprise us in your luggage now in the

250

00:12:29,800 --> 00:12:26,390

next few days as you take care do my

251

00:12:32,290 --> 00:12:29,810

family it was a gift from my wife do

252

00:12:34,240 --> 00:12:32,300

flash past it is possible i think two or

253

00:12:37,060 --> 00:12:34,250

three times during the mission it's

254

00:12:39,579 --> 00:12:37,070

possible to receive a gift and when they

255

00:12:42,519 --> 00:12:39,589

arrive a special vessel like the drag on

256

00:12:44,439 --> 00:12:42,529

vessel for example there is one small

257

00:12:46,569 --> 00:12:44,449

part that is reserved for the asteroids

258

00:12:50,500 --> 00:12:46,579

and my wife decided a few months ago to

259

00:12:53,230 --> 00:12:50,510

send me this big hat laser a with thee

260

00:12:55,990 --> 00:12:53,240

and also the ears with a heart and i

261

00:12:59,079 --> 00:12:56,000

found a box here that was called

262

00:13:02,650 --> 00:12:59,089

Hatfield so I looked at it and I found

263

00:13:04,689 --> 00:13:02,660

this funny hat Tsukema GT and I thought

264

00:13:08,829 --> 00:13:04,699

since I was in New Orleans for Mardi

265

00:13:11,410 --> 00:13:08,839

Gras years ago I had decided that it was

266

00:13:13,630 --> 00:13:11,420

not made for that and here we have a big

267

00:13:15,049 --> 00:13:13,640

box just like you may have one at home a

268

00:13:18,709 --> 00:13:15,059

box for

269

00:13:20,539 --> 00:13:18,719

our Christmas for Easter just in a

270

00:13:22,609 --> 00:13:20,549

certain part of your house you have that

271

00:13:26,599 --> 00:13:22,619

what we have the same here we have a

272

00:13:31,549 --> 00:13:26,609

space for that obviously we saw you

273

00:13:35,899 --> 00:13:31,559

underline also that maple leaf you've

274

00:13:38,569 --> 00:13:35,909

had maple leafs also and could be very

275

00:13:42,139 --> 00:13:38,579

over them is it true that when we see

276

00:13:45,049 --> 00:13:42,149

you a good I talking about you can see

277

00:13:48,019 --> 00:13:45,059

it up there oui pas pas de la tarea am

278

00:13:51,159 --> 00:13:48,029

and not in real time we do not have the

279

00:13:54,129 --> 00:13:51,169

capability to do that unfortunately but

280

00:13:56,449 --> 00:13:54,139

thanks to music as you want the

281

00:14:00,709 --> 00:13:56,459

communication with the Canadian Space

282

00:14:03,169 --> 00:14:00,719

Agency and do replace this station we

283

00:14:06,409 --> 00:14:03,179

are able a little bit later to see it in

284

00:14:10,609 --> 00:14:06,419

on video and it's necessary to do for

285

00:14:13,159 --> 00:14:10,619

two hours of exercise every day and in

286

00:14:16,249 --> 00:14:13,169

order to stay in shape and so with the

287

00:14:18,259 --> 00:14:16,259

weights and well we use resistance not

288

00:14:22,339 --> 00:14:18,269

weights really but we also have a

289

00:14:25,159 --> 00:14:22,349

treadmill to run bicycle and when I do

290

00:14:28,039 --> 00:14:25,169

that the capability do I have the

291

00:14:31,729 --> 00:14:28,049

capability to watch sure the hockey

292

00:14:34,759 --> 00:14:31,739

games and for me no faucet it's very

293

00:14:36,979 --> 00:14:34,769

important the Maple Leafs are important

294

00:14:39,379 --> 00:14:36,989

for me so I I saw that this morning

295

00:14:42,439 --> 00:14:39,389

actually watch the leaves against Ottawa

296

00:14:45,169 --> 00:14:42,449

you're gonna put and I I don't even know

297

00:14:47,899 --> 00:14:45,179

who won because I haven't seen the end

298

00:14:50,419 --> 00:14:47,909

so please don't tell me that their

299

00:14:53,269 --> 00:14:50,429

mother just a few questions before we

300

00:14:56,799 --> 00:14:53,279

leave you to work again some of the

301  
00:15:01,009 --> 00:14:56,809  
spectators want to know regarding with

302  
00:15:04,639 --> 00:15:01,019  
sleep by 15 times a day you watch a

303  
00:15:06,709 --> 00:15:04,649  
sunrise you watch the sunset what is the

304  
00:15:08,629 --> 00:15:06,719  
time of the day when you sleep is it a

305  
00:15:13,129 --> 00:15:08,639  
long night of sleep or a short time of

306  
00:15:15,649 --> 00:15:13,139  
sleep was you well I don't sleep very

307  
00:15:19,699 --> 00:15:15,659  
much because we have a lot of

308  
00:15:22,849 --> 00:15:19,709  
distractions here every time that pretty

309  
00:15:25,759 --> 00:15:22,859  
light go close to the window to Jeru

310  
00:15:28,879 --> 00:15:25,769  
there is always something incredible

311  
00:15:31,160 --> 00:15:28,889  
please to look through and to find that

312  
00:15:34,249 --> 00:15:31,170  
nights the days and create the

313  
00:15:36,970 --> 00:15:34,259

afternoons it's unbelievable the angle

314

00:15:38,749 --> 00:15:36,980

between the Sun the earth the

315

00:15:40,759 --> 00:15:38,759

International Space Station is

316

00:15:44,299 --> 00:15:40,769

constantly changing the colors the

317

00:15:47,299 --> 00:15:44,309

textures in the morning the sunrise the

318

00:15:51,470 --> 00:15:47,309

Sun sets everything changes all the time

319

00:15:54,079 --> 00:15:51,480

so it's fascinating to look at that all

320

00:15:57,229 --> 00:15:54,089

the time I also can do things in the

321

00:16:00,169 --> 00:15:57,239

station that are very interesting even

322

00:16:04,460 --> 00:16:00,179

personal experiments funny things it

323

00:16:08,049 --> 00:16:04,470

seems to come sikkim necessary it's

324

00:16:12,109 --> 00:16:08,059

almost necessary to constantly

325

00:16:15,979 --> 00:16:12,119

experience living this so crucial to

326

00:16:20,359 --> 00:16:15,989

stay inside of a sleeping bag Jesus to

327

00:16:24,019 --> 00:16:20,369

avoid this yes I'm almost impossible so

328

00:16:26,329 --> 00:16:24,029

it's okay necessary to experiment and

329

00:16:29,150 --> 00:16:26,339

experience this life and I'm very

330

00:16:31,519 --> 00:16:29,160

excited it's a very rare experience that

331

00:16:34,400 --> 00:16:31,529

I'm having and I want to absorb

332

00:16:36,710 --> 00:16:34,410

everything and after the five months I

333

00:16:39,829 --> 00:16:36,720

don't want to miss anything just like a

334

00:16:42,650 --> 00:16:39,839

good experiment I see that you're very

335

00:16:44,989 --> 00:16:42,660

happy to be there after you come back to

336

00:16:46,759 --> 00:16:44,999

earth after you have the rehabilitation

337

00:16:48,739 --> 00:16:46,769

period what are the first things that

338

00:16:52,669 --> 00:16:48,749

you're going to do what I what is it

339

00:16:55,069 --> 00:16:52,679

that you miss being up there we sit in

340

00:16:57,949 --> 00:16:55,079

period Raiders yes it is a period of

341

00:17:00,919 --> 00:16:57,959

Riku adapting obviously there's a lot of

342

00:17:06,559 --> 00:17:00,929

physical changes i have to re adapt to

343

00:17:10,669 --> 00:17:06,569

being in gravity again and also here non

344

00:17:13,669 --> 00:17:10,679

GMO is a very quiet environment uncle

345

00:17:17,029 --> 00:17:13,679

the being with everybody that's going to

346

00:17:20,179 --> 00:17:17,039

be a big change as well more but for me

347

00:17:22,549 --> 00:17:20,189

okay though i have a chalet in canada's

348

00:17:25,340 --> 00:17:22,559

version this is an experiment here a

349

00:17:27,409 --> 00:17:25,350

Canadian experiment from the University

350

00:17:30,940 --> 00:17:27,419

of we're gonna have to take pictures

351  
00:17:34,519 --> 00:17:30,950  
every 20 minutes that was Adam Smith

352  
00:17:36,259 --> 00:17:34,529  
Celsius in the next video space agency

353  
00:17:39,049 --> 00:17:36,269  
organized this it's a scientific

354  
00:17:40,340 --> 00:17:39,059  
experiment but for my Chalet Canada so

355  
00:17:42,210 --> 00:17:40,350  
you don't throw a Christmas that's a

356  
00:17:45,210 --> 00:17:42,220  
very special place for me

357  
00:17:48,960 --> 00:17:45,220  
and allah la faja passively when I was a

358  
00:17:51,390 --> 00:17:48,970  
child I spent my summer there my wife

359  
00:17:54,450 --> 00:17:51,400  
and I we bought a chalet more they're

360  
00:17:58,770 --> 00:17:54,460  
very close to my parents and that is the

361  
00:18:01,710 --> 00:17:58,780  
place that is precious for me and I want

362  
00:18:05,070 --> 00:18:01,720  
to stay there 3p for a period of time

363  
00:18:06,750 --> 00:18:05,080

with my feet up in the air yeah black

364

00:18:10,950 --> 00:18:06,760

public could shows effect and with not

365

00:18:14,340 --> 00:18:10,960

much to do or with a guitar but no time

366

00:18:17,039 --> 00:18:14,350

at all no schedules and yes of course

367

00:18:20,370 --> 00:18:17,049

with my guitar Porter oh you have it

368

00:18:23,430 --> 00:18:20,380

there and maybe to think about and to

369

00:18:27,120 --> 00:18:23,440

think about what I've done and to think

370

00:18:30,779 --> 00:18:27,130

how can I put all these experiences

371

00:18:34,649 --> 00:18:30,789

together put attribute DC in order to

372

00:18:38,220 --> 00:18:34,659

better decide don't wats see effect it

373

00:18:39,779 --> 00:18:38,230

had on me this is what I hope to do but

374

00:18:42,419 --> 00:18:39,789

that's gonna be in a few months down the

375

00:18:45,390 --> 00:18:42,429

road medela Chris you're an

376

00:18:47,700 --> 00:18:45,400

extraordinary example give them a hand

377

00:18:50,279 --> 00:18:47,710

you talk observing with the guitar you

378

00:18:53,039 --> 00:18:50,289

have you have it there can I buddy does

379

00:18:56,730 --> 00:18:53,049

it with my father you and politely ask

380

00:18:59,880 --> 00:18:56,740

you to maybe strike a couple of chords

381

00:19:02,100 --> 00:18:59,890

for us yeah absolutely yes of course I

382

00:19:05,100 --> 00:19:02,110

can do that I had the opportunity to do

383

00:19:08,159 --> 00:19:05,110

this barenaked ladies with us barenaked

384

00:19:10,470 --> 00:19:08,169

ladies with Robertson with a musical

385

00:19:12,180 --> 00:19:10,480

coalition for musical education in

386

00:19:14,970 --> 00:19:12,190

Canada throughout it's a privilege for

387

00:19:17,490 --> 00:19:14,980

me of course you choose and it's also

388

00:19:19,950 --> 00:19:17,500

something fun for me I will sing

389

00:19:21,270 --> 00:19:19,960

something for you show me a secret that

390

00:19:24,390 --> 00:19:21,280

we miss you boo-boo Thank You mr.

391

00:19:38,070 --> 00:19:24,400

Hadfield thank you very much mercy of

392

00:20:04,580 --> 00:19:44,029

you