



GOLD AWARD

1
00:00:07,860 --> 00:00:03,439
session this is young msg with CBC Radio

2
00:00:11,550 --> 00:00:10,260
gotta read you loud and clear how do you

3
00:00:18,320 --> 00:00:11,560
read me from the International Space

4
00:00:22,140 --> 00:00:20,520
it would be hard to be doing any better

5
00:00:24,990 --> 00:00:22,150
than this thank you I'm doing great how

6
00:00:26,550 --> 00:00:25,000
are you I have to ask you since arriving

7
00:00:28,110 --> 00:00:26,560
at the International Space Station

8
00:00:29,640 --> 00:00:28,120
you've you've tweeted with William

9
00:00:31,470 --> 00:00:29,650
Shatner you've dropped the puck for the

10
00:00:32,729 --> 00:00:31,480
Leafs home opener you'll you'll soon be

11
00:00:34,560 --> 00:00:32,739
doing a performance from space with

12
00:00:36,299 --> 00:00:34,570
children across Canada why has it been

13
00:00:38,490 --> 00:00:36,309

so important to you to engage with

14

00:00:43,799 --> 00:00:38,500

people on earth while you're on a

15

00:00:50,069 --> 00:00:46,350

well this is a magnificent human

16

00:00:52,950 --> 00:00:50,079

experience this is something not only

17

00:00:54,869 --> 00:00:52,960

personally amazing to be part of but it

18

00:00:57,060 --> 00:00:54,879

is it is a new thing within the human

19

00:00:58,529 --> 00:00:57,070

experience and it's it's way too good an

20

00:00:59,729 --> 00:00:58,539

experience to keep to myself it's

21

00:01:01,979 --> 00:00:59,739

something that I think is really

22

00:01:04,680 --> 00:01:01,989

important to share ever since my first

23

00:01:07,020 --> 00:01:04,690

spaceflight 17 years ago I've been

24

00:01:08,940 --> 00:01:07,030

trying to describe to people just how

25

00:01:11,399 --> 00:01:08,950

incredible it is to see our world this

26
00:01:13,770 --> 00:01:11,409
way and what it means to us as a species

27
00:01:15,990 --> 00:01:13,780
to start leaving Earth and now I have

28
00:01:18,180 --> 00:01:16,000
the time this isn't a shuttle assembly

29
00:01:20,790 --> 00:01:18,190
flight this is leaving Earth this is

30
00:01:22,290 --> 00:01:20,800
living in space and and so I have the

31
00:01:24,180 --> 00:01:22,300
time to try and share it with everyone

32
00:01:25,830 --> 00:01:24,190
and so I'm doing everything I can to

33
00:01:28,680 --> 00:01:25,840
make sure that people really get a sense

34
00:01:31,410 --> 00:01:28,690
of what it means and what it's like it

35
00:01:33,719 --> 00:01:31,420
really is a magnificent human experience

36
00:01:36,180 --> 00:01:33,729
and it's reciprocal to you you've been

37
00:01:37,889 --> 00:01:36,190
giving us a window on your experience up

38
00:01:39,660 --> 00:01:37,899

there you must be aware of people

39

00:01:41,430 --> 00:01:39,670

tweeting back to your web sensation you

40

00:01:44,100 --> 00:01:41,440

become down here what are you learning

41

00:01:46,870 --> 00:01:44,110

about how you're perceived down on earth

42

00:01:49,210 --> 00:01:46,880

from the response you're getting

43

00:01:57,050 --> 00:01:52,730

well it's been overwhelmingly very

44

00:01:58,160 --> 00:01:57,060

heartwarming really really Pleasant I of

45

00:01:59,719 --> 00:01:58,170

course don't have time to read

46

00:02:02,749 --> 00:01:59,729

everything that people are reading back

47

00:02:05,179 --> 00:02:02,759

to me but I do get a smattering of it

48

00:02:09,469 --> 00:02:05,189

and people are interested in what's

49

00:02:11,420 --> 00:02:09,479

going on people find it expanding to

50

00:02:13,370 --> 00:02:11,430

their own horizons there are schools all

51
00:02:15,110 --> 00:02:13,380
around the world that are using the

52
00:02:17,150 --> 00:02:15,120
photographs that I'm sending down

53
00:02:18,830 --> 00:02:17,160
they're posted on the wall they're using

54
00:02:20,750 --> 00:02:18,840
it for geography class they're using it

55
00:02:24,110 --> 00:02:20,760
for language class they're thinking

56
00:02:25,970 --> 00:02:24,120
about possibilities and an adult's also

57
00:02:28,190 --> 00:02:25,980
people are stopping and looking up to

58
00:02:30,140 --> 00:02:28,200
see something that people built go over

59
00:02:32,059 --> 00:02:30,150
a head and people write me about it all

60
00:02:33,979 --> 00:02:32,069
the time and it's it's that ability now

61
00:02:36,590 --> 00:02:33,989
because of technology to directly

62
00:02:38,630 --> 00:02:36,600
connect to let people share in the

63
00:02:40,670 --> 00:02:38,640

experience as it happens that I think

64

00:02:42,110 --> 00:02:40,680

makes it even richer than just looking

65

00:02:44,330 --> 00:02:42,120

and debriefing and showing a film

66

00:02:46,640 --> 00:02:44,340

afterwards and and so I'm really happy

67

00:02:48,920 --> 00:02:46,650

when people send me a note back and say

68

00:02:51,199 --> 00:02:48,930

maybe what one of my pictures or

69

00:02:54,500 --> 00:02:51,209

something that I said has meant to them

70

00:03:00,190 --> 00:02:54,510

even if you even if you alienated some

71

00:03:07,430 --> 00:03:04,490

well my my dad's grandfather was a Trent

72

00:03:09,170 --> 00:03:07,440

was a trainer for the Leafs and and so

73

00:03:10,970 --> 00:03:09,180

he was raised as a Leafs fan and he

74

00:03:12,920 --> 00:03:10,980

raised me as a Leafs fan and so i'm

75

00:03:14,119 --> 00:03:12,930

annaliese fan my whole life the fact if

76

00:03:16,569 --> 00:03:14,129

they haven't won a Stanley Cup for a

77

00:03:19,250 --> 00:03:16,579

while that's okay

78

00:03:21,199 --> 00:03:19,260

read on that I want to ask you about

79

00:03:22,819 --> 00:03:21,209

this music monday and the song you wrote

80

00:03:24,350 --> 00:03:22,829

with that robertson have been egged

81

00:03:26,300 --> 00:03:24,360

ladies were chris what were you hoping

82

00:03:31,530 --> 00:03:26,310

to convey about the experience of space

83

00:03:38,520 --> 00:03:35,130

I grew up listening to a lot of Canadian

84

00:03:40,050 --> 00:03:38,530

folk music of course the stuff that

85

00:03:42,259 --> 00:03:40,060

Gordon Lightfoot wrote but also Stan

86

00:03:44,789 --> 00:03:42,269

Rogers things that really tell the story

87

00:03:45,000 --> 00:03:44,799

from from a regular person's point of

88

00:03:47,640 --> 00:03:45,010

view

89

00:03:50,039 --> 00:03:47,650

and we're we're regular people who are

90

00:03:52,080 --> 00:03:50,049

now on a new type of profession a new

91

00:03:53,849 --> 00:03:52,090

type of ship doing something that's new

92

00:03:56,699 --> 00:03:53,859

in the human experience and so when you

93

00:03:58,500 --> 00:03:56,709

sing an old song about about

94

00:04:00,629 --> 00:03:58,510

Newfoundlanders going out to Alberta

95

00:04:02,699 --> 00:04:00,639

like some things Stan Rogers sang about

96

00:04:05,819 --> 00:04:02,709

or or about the fisheries on Lake

97

00:04:07,259 --> 00:04:05,829

Ontario or or whatever to think that

98

00:04:09,690 --> 00:04:07,269

there's a way to try and capture the

99

00:04:11,849 --> 00:04:09,700

experiance through art and some

100

00:04:14,849 --> 00:04:11,859

astronauts are terrific photographers

101
00:04:17,310 --> 00:04:14,859
some are good writers I play it a couple

102
00:04:18,990 --> 00:04:17,320
bands I'm no great musician but it's

103
00:04:21,270 --> 00:04:19,000
important to me and I want to do my

104
00:04:22,800 --> 00:04:21,280
absolute best to try and capture some of

105
00:04:25,980 --> 00:04:22,810
this experience as many different ways

106
00:04:27,920 --> 00:04:25,990
as I can I can't draw but but hopefully

107
00:04:30,839 --> 00:04:27,930
some of the music that I play up here

108
00:04:32,520 --> 00:04:30,849
that may be the song that ed Robertson

109
00:04:35,070 --> 00:04:32,530
and I wrote together that will be played

110
00:04:37,050 --> 00:04:35,080
in schools all across Canada under the

111
00:04:39,360 --> 00:04:37,060
music counts program the Coalition for

112
00:04:41,339 --> 00:04:39,370
music education to think that there are

113
00:04:43,170 --> 00:04:41,349

choirs there are schools for the Deaf

114

00:04:45,089 --> 00:04:43,180

that have already made a version of it

115

00:04:47,339 --> 00:04:45,099

it's being put into other languages

116

00:04:49,620 --> 00:04:47,349

that's song joining people together

117

00:04:51,659 --> 00:04:49,630

through a common theme and using it to

118

00:04:54,629 --> 00:04:51,669

try and understand a new experience lots

119

00:04:56,250 --> 00:04:54,639

of music is all about to me and so it's

120

00:04:58,980 --> 00:04:56,260

really important it's got a beautiful

121

00:05:00,420 --> 00:04:58,990

melody and sentiment to it um although I

122

00:05:02,100 --> 00:05:00,430

must say you usually seem so

123

00:05:04,320 --> 00:05:02,110

enthusiastic I think some people will be

124

00:05:06,719 --> 00:05:04,330

surprised if the song has a bit of a

125

00:05:08,520 --> 00:05:06,729

Neil youngish melancholy feel tell me

126
00:05:11,010 --> 00:05:08,530
about why that strike you as struck you

127
00:05:13,469 --> 00:05:11,020
as the right tone to set and if it's a

128
00:05:18,210 --> 00:05:13,479
reflection on being reflective from

129
00:05:22,930 --> 00:05:21,430
living in spaces is just a constant rush

130
00:05:25,120 --> 00:05:22,940
of stimulation

131
00:05:26,950 --> 00:05:25,130
I mean we're busy we're talking to

132
00:05:30,330 --> 00:05:26,960
mission controls all around the world

133
00:05:32,379 --> 00:05:30,340
were doing experiments we just did

134
00:05:34,180 --> 00:05:32,389
ultrasound eyeballs in for the first

135
00:05:35,740 --> 00:05:34,190
time we're imaging actually changes in

136
00:05:38,080 --> 00:05:35,750
blood flow in the brain when you change

137
00:05:40,570 --> 00:05:38,090
your blood regulation there's there's

138
00:05:42,400 --> 00:05:40,580

there's all this stuff going on and it's

139

00:05:44,680 --> 00:05:42,410

only when you float over to the window

140

00:05:51,070 --> 00:05:44,690

and pause for a second and look at the

141

00:05:52,749 --> 00:05:51,080

huge impermeable permanence and beauty

142

00:05:54,969 --> 00:05:52,759

of the world that's underneath you this

143

00:05:57,999 --> 00:05:54,979

great reassuring wonder of it and it

144

00:05:59,469 --> 00:05:58,009

makes you thoughtful to combine that the

145

00:06:02,230 --> 00:05:59,479

high paced action that we're doing

146

00:06:03,580 --> 00:06:02,240

onboard with this magnificent planet

147

00:06:06,939 --> 00:06:03,590

that's just about the window at all

148

00:06:09,010 --> 00:06:06,949

times and so all emotions go by and so I

149

00:06:10,360 --> 00:06:09,020

think the song I wrote some of the

150

00:06:12,129 --> 00:06:10,370

lyrics said came up with a really nice

151
00:06:13,659 --> 00:06:12,139
melody and wrote some of the lyrics I

152
00:06:15,850 --> 00:06:13,669
think the song does a nice job of

153
00:06:17,800 --> 00:06:15,860
talking about the wonder of it and and

154
00:06:20,010 --> 00:06:17,810
some of the science of it but also

155
00:06:22,659 --> 00:06:20,020
thinking about what it means

156
00:06:23,890 --> 00:06:22,669
psychologically to be here and what it's

157
00:06:25,750 --> 00:06:23,900
going to mean in the future for people

158
00:06:27,520 --> 00:06:25,760
that are living away from Earth and

159
00:06:29,649 --> 00:06:27,530
moving away from Earth and using our

160
00:06:31,839 --> 00:06:29,659
inventions to increase our capability to

161
00:06:34,120 --> 00:06:31,849
understand the universe so we're trying

162
00:06:36,250 --> 00:06:34,130
to communicate that to young Canadians

163
00:06:38,350 --> 00:06:36,260

to young people all around the world but

164

00:06:40,960 --> 00:06:38,360

also to really just try and capture the

165

00:06:43,300 --> 00:06:40,970

experience of living away from our

166

00:06:47,200 --> 00:06:43,310

planet and of starting to explore the

167

00:06:48,730 --> 00:06:47,210

rest of the universe in person let me

168

00:06:50,469 --> 00:06:48,740

ask you what it means to not just be

169

00:06:52,300 --> 00:06:50,479

psychologically to be there as you just

170

00:06:54,010 --> 00:06:52,310

said but physically to be there

171

00:06:55,629 --> 00:06:54,020

scientifically to be video there's been

172

00:06:57,550 --> 00:06:55,639

a lot of debate about the future of

173

00:06:59,469 --> 00:06:57,560

space exploration especially since NASA

174

00:07:01,089 --> 00:06:59,479

cancelled the shuttle program you had to

175

00:07:03,370 --> 00:07:01,099

hitch a ride with the Russians to get to

176

00:07:06,159 --> 00:07:03,380

the space station why is it important

177

00:07:09,910 --> 00:07:06,169

for us as a society to be to keep

178

00:07:13,990 --> 00:07:11,830

you

179

00:07:15,640 --> 00:07:14,000

well I didn't hitch a ride with the

180

00:07:17,080 --> 00:07:15,650

Russians I flew the spaceship I was I

181

00:07:19,060 --> 00:07:17,090

was like the left see does the pilot

182

00:07:21,340 --> 00:07:19,070

with Roman Romanenko as the commander in

183

00:07:24,640 --> 00:07:21,350

the middle and the Americans NASA of

184

00:07:26,080 --> 00:07:24,650

course is they they are the main four

185

00:07:28,900 --> 00:07:26,090

man I guess of the International Space

186

00:07:31,120 --> 00:07:28,910

Station and so they're very actively

187

00:07:35,650 --> 00:07:31,130

involved in space travel this is the

188

00:07:37,750 --> 00:07:35,660

world's first great cooperative outpost

189

00:07:40,330 --> 00:07:37,760

in space this is a wonderful ship that

190

00:07:42,430 --> 00:07:40,340

we've built it's a huge laboratory where

191

00:07:44,920 --> 00:07:42,440

we are learning not only about how the

192

00:07:46,629 --> 00:07:44,930

human body works about the earth but

193

00:07:48,790 --> 00:07:46,639

also about how to build ships that can

194

00:07:51,460 --> 00:07:48,800

take us further and in amongst all the

195

00:07:54,340 --> 00:07:51,470

things that we're doing on earth taking

196

00:07:56,710 --> 00:07:54,350

care of our people and trying to

197

00:07:59,290 --> 00:07:56,720

understand the planet better there's a

198

00:08:00,879 --> 00:07:59,300

part of it that is always curious for

199

00:08:03,040 --> 00:08:00,889

people to look up to think what lies

200

00:08:05,590 --> 00:08:03,050

beyond and for the first time in history

201
00:08:07,620 --> 00:08:05,600
we have the technology now to start to

202
00:08:09,460 --> 00:08:07,630
leave Earth on a permanent basis and

203
00:08:11,590 --> 00:08:09,470
nations have a choice of not

204
00:08:14,350 --> 00:08:11,600
participating or being part of it but I

205
00:08:16,360 --> 00:08:14,360
think Canada has been really smart about

206
00:08:18,640 --> 00:08:16,370
it in that they have they have looked

207
00:08:20,680 --> 00:08:18,650
for areas of expertise trying to make

208
00:08:22,990 --> 00:08:20,690
sure the Canadians onboard and make sure

209
00:08:24,940 --> 00:08:23,000
that that young Canadians have this as

210
00:08:26,469 --> 00:08:24,950
an opportunity one of the many things

211
00:08:28,420 --> 00:08:26,479
that they can choose as they grew up in

212
00:08:30,159 --> 00:08:28,430
Canada to think that someday they may

213
00:08:32,740 --> 00:08:30,169

have a chance to be part of something as

214

00:08:34,480 --> 00:08:32,750

spectacular and new as starting to leave

215

00:08:36,700 --> 00:08:34,490

Earth as a species for the first time

216

00:08:38,380 --> 00:08:36,710

it's just barely possible but we're

217

00:08:41,350 --> 00:08:38,390

making it work and inventing as we go

218

00:08:43,060 --> 00:08:41,360

and I'm so delighted as a Canadian to be

219

00:08:45,160 --> 00:08:43,070

part of this commander Chris Hadfield

220

00:08:46,390 --> 00:08:45,170

it's truly a great pleasure to speak to

221

00:08:47,800 --> 00:08:46,400

you while you're up there at the

222

00:08:53,350 --> 00:08:47,810

International Space Station thank you

223

00:08:55,270 --> 00:08:53,360

for this my pleasure and I'll be looking

224

00:09:00,870 --> 00:08:55,280

at you is very nice to talk with you

225

00:09:04,690 --> 00:09:03,490

hey Chris is Peter Mansbridge on the

226

00:09:06,820 --> 00:09:04,700

line now and I'm going to roll right

227

00:09:08,950 --> 00:09:06,830

into this so we don't waste any time

228

00:09:11,260 --> 00:09:08,960

it's great to see you there let me go in

229

00:09:13,240 --> 00:09:11,270

with the first question you know no

230

00:09:15,490 --> 00:09:13,250

one's had the kind of extensive social

231

00:09:19,000 --> 00:09:15,500

media experience that you've had from

232

00:09:20,950 --> 00:09:19,010

from up there in doing that what have

233

00:09:27,560 --> 00:09:20,960

you learned about how the people of

234

00:09:33,870 --> 00:09:29,990

peter is it's it's good to talk with you

235

00:09:36,720 --> 00:09:33,880

the same wonder and and sense of

236

00:09:39,090 --> 00:09:36,730

opportunity and sense of adventure and

237

00:09:41,700 --> 00:09:39,100

and fundamental thrill of discovery that

238

00:09:44,370 --> 00:09:41,710

I felt as a as a nine year old kid

239

00:09:46,230 --> 00:09:44,380

thinking that someday maybe even though

240

00:09:48,780 --> 00:09:46,240

I'm Canadian maybe someday I might have

241

00:09:51,930 --> 00:09:48,790

a chance to fly in space that sense of

242

00:09:53,820 --> 00:09:51,940

being on the edge of something of on the

243

00:09:57,120 --> 00:09:53,830

precipice of something new and exciting

244

00:09:59,400 --> 00:09:57,130

that feeling is is prevalent all across

245

00:10:02,100 --> 00:09:59,410

the planet and when I post a picture of

246

00:10:04,260 --> 00:10:02,110

say the coast of Perth Australia or the

247

00:10:07,560 --> 00:10:04,270

the fires and the outback of Australia

248

00:10:09,960 --> 00:10:07,570

right now or or of Vesuvius or somewhere

249

00:10:12,840 --> 00:10:09,970

I immediately get a rush of feedback of

250

00:10:14,850 --> 00:10:12,850

people saying wow I hadn't realized what

251
00:10:17,370 --> 00:10:14,860
our planet looks like and and I started

252
00:10:19,980 --> 00:10:17,380
to think you know of our planet a little

253
00:10:21,450 --> 00:10:19,990
more globally thinking of where my place

254
00:10:23,310 --> 00:10:21,460
is when I look at all these other places

255
00:10:25,980 --> 00:10:23,320
places that have just been words on a

256
00:10:29,520 --> 00:10:25,990
page and so that the feedback has been

257
00:10:32,580 --> 00:10:29,530
really motivational for me in fact that

258
00:10:34,830 --> 00:10:32,590
people's vision of the world is maybe

259
00:10:37,650 --> 00:10:34,840
slightly expanded and their fundamental

260
00:10:39,510 --> 00:10:37,660
excitement at opportunities is rekindled

261
00:10:42,330 --> 00:10:39,520
by some of the things I've had a chance

262
00:10:43,950 --> 00:10:42,340
to observe from up here so it's it's a

263
00:10:45,600 --> 00:10:43,960

fun part of of all the things we're

264

00:10:47,730 --> 00:10:45,610

doing up here but it's also one that

265

00:10:50,460 --> 00:10:47,740

that I think is worth doing just because

266

00:10:52,560 --> 00:10:50,470

of the impact that it can have well you

267

00:10:54,600 --> 00:10:52,570

know as you concede you get a

268

00:10:57,660 --> 00:10:54,610

perspective adverse from from where you

269

00:10:59,010 --> 00:10:57,670

are that few people have ever had what

270

00:11:00,870 --> 00:10:59,020

are you you know this isn't your first

271

00:11:02,940 --> 00:11:00,880

time it's you know you've been up a few

272

00:11:09,560 --> 00:11:02,950

times now what are you still learning

273

00:11:14,280 --> 00:11:12,690

Peter the last times I flew I flew it to

274

00:11:16,950 --> 00:11:14,290

help build the Russian space station Mir

275

00:11:18,630 --> 00:11:16,960

back almost almost 20 years ago and and

276

00:11:20,820 --> 00:11:18,640

then to help build this space station

277

00:11:22,890 --> 00:11:20,830

and Canada I'm our big robot a dozen

278

00:11:26,040 --> 00:11:22,900

years or so ago but those were shuttle

279

00:11:28,200 --> 00:11:26,050

assembly flights quick sort of almost

280

00:11:30,120 --> 00:11:28,210

like a drive-through flight where where

281

00:11:31,800 --> 00:11:30,130

you grab as few quick pictures out the

282

00:11:33,720 --> 00:11:31,810

window you try and get as much of the

283

00:11:36,690 --> 00:11:33,730

experience as you can but you don't

284

00:11:39,000 --> 00:11:36,700

really get the full taste of it maybe

285

00:11:40,380 --> 00:11:39,010

you like if you stop at somebody's

286

00:11:42,180 --> 00:11:40,390

airport and you think you visited their

287

00:11:44,220 --> 00:11:42,190

country that's sort of how it felt this

288

00:11:48,200 --> 00:11:44,230

time I have the incredible privilege of

289

00:11:51,180 --> 00:11:48,210

time if I don't get a great picture of

290

00:11:52,680 --> 00:11:51,190

Edmonton on this trip then I can wait a

291

00:11:54,270 --> 00:11:52,690

week wait till we come around and line

292

00:11:56,250 --> 00:11:54,280

up and we get the right angle of Sun and

293

00:11:58,580 --> 00:11:56,260

light and in orbit and I can try again

294

00:12:01,290 --> 00:11:58,590

and get another picture I can really

295

00:12:03,210 --> 00:12:01,300

look at the differences in myself as my

296

00:12:05,910 --> 00:12:03,220

body evolved z-- to living here we can

297

00:12:07,740 --> 00:12:05,920

do long-term experiments we're doing

298

00:12:09,210 --> 00:12:07,750

experiments that take hours or days or

299

00:12:10,950 --> 00:12:09,220

weeks there's there's a Canadian

300

00:12:13,320 --> 00:12:10,960

experiment growing here down beside me

301

00:12:16,710 --> 00:12:13,330

that runs for days and days at a time so

302

00:12:18,270 --> 00:12:16,720

it's it's so much richer as a result the

303

00:12:21,210 --> 00:12:18,280

experience is so much deeper and more

304

00:12:23,940 --> 00:12:21,220

profound the ability to stay and really

305

00:12:25,650 --> 00:12:23,950

sample it and for me it's a tremendous

306

00:12:27,950 --> 00:12:25,660

privilege to be able to do this at this

307

00:12:30,890 --> 00:12:27,960

stage of my life this stage of my career

308

00:12:34,110 --> 00:12:30,900

talk to me a little bit about that

309

00:12:37,680 --> 00:12:34,120

profound nature of the impact it has on

310

00:12:39,930 --> 00:12:37,690

you do it you know from witnessing earth

311

00:12:41,610 --> 00:12:39,940

from where you are is it a kind of a

312

00:12:45,150 --> 00:12:41,620

spiritual you know what kind of a

313

00:12:49,050 --> 00:12:45,160

religious you know feeling that had that

314

00:12:54,220 --> 00:12:51,970

Peter last night or nice night our time

315

00:12:57,340 --> 00:12:54,230

but as we were coming across Canada in

316

00:12:59,800 --> 00:12:57,350

the dark we were coming north of the

317

00:13:02,319 --> 00:12:59,810

Great Lakes so not too many big cities

318

00:13:05,079 --> 00:13:02,329

just directly below us but I could see

319

00:13:06,550 --> 00:13:05,089

the Maritimes coming up could see Quebec

320

00:13:10,180 --> 00:13:06,560

City and then and then gasp and the

321

00:13:12,639 --> 00:13:10,190

Maritimes and just as st. John's pulled

322

00:13:14,530 --> 00:13:12,649

into view ahead to our left the Sun

323

00:13:16,600 --> 00:13:14,540

started coming up over the horizon and

324

00:13:18,670 --> 00:13:16,610

it comes up fast because we're going 8

325

00:13:21,100 --> 00:13:18,680

kilometers a second so we we come around

326

00:13:24,220 --> 00:13:21,110

the earth just screaming around the

327

00:13:26,259 --> 00:13:24,230

earth and suddenly the Sun just just

328

00:13:29,079 --> 00:13:26,269

burst into view in front of me as we

329

00:13:30,550 --> 00:13:29,089

cross Canada's East Coast and it not

330

00:13:33,819 --> 00:13:30,560

just the brightness of it and the heat

331

00:13:35,829 --> 00:13:33,829

of it but the the profound beauty of it

332

00:13:39,220 --> 00:13:35,839

it just brings tears to my eyes it's

333

00:13:41,949 --> 00:13:39,230

just such a magnificent way to

334

00:13:45,460 --> 00:13:41,959

understand our planet and to see our

335

00:13:46,960 --> 00:13:45,470

country is one place and to to realize

336

00:13:49,090 --> 00:13:46,970

that I'm here on behalf of so many

337

00:13:50,380 --> 00:13:49,100

people trying to absorb this experience

338

00:13:51,819 --> 00:13:50,390

of course trying to do all the

339

00:13:53,410 --> 00:13:51,829

experiments onboard trying to do the

340

00:13:55,630 --> 00:13:53,420

work make sure everything is done

341

00:13:58,600 --> 00:13:55,640

properly take care of the spaceship but

342

00:14:00,850 --> 00:13:58,610

also very much in the vanguard of just

343

00:14:02,590 --> 00:14:00,860

this is an experience for the countless

344

00:14:04,449 --> 00:14:02,600

Canadians that would love to do this

345

00:14:06,069 --> 00:14:04,459

themselves or the young Canadians that

346

00:14:09,069 --> 00:14:06,079

are dreaming of doing this in the future

347

00:14:10,689 --> 00:14:09,079

and I feel all of that all the time and

348

00:14:13,840 --> 00:14:10,699

driving into a sunrise

349

00:14:16,180 --> 00:14:13,850

it's it's almost overpowering in the in

350

00:14:18,340 --> 00:14:16,190

the strength of the feeling that comes

351

00:14:20,139 --> 00:14:18,350

along with it a lot of people were

352

00:14:22,120 --> 00:14:20,149

pretty moved when you talked about

353

00:14:23,530 --> 00:14:22,130

looking down on Syria a few weeks ago

354

00:14:26,639 --> 00:14:23,540

knowing what's happening on the ground

355

00:14:30,310 --> 00:14:26,649

there now we've got Mali and Algeria

356

00:14:32,800 --> 00:14:30,320

talk about you know what you feel when

357

00:14:34,900 --> 00:14:32,810

when you look down at those spots in the

358

00:14:39,490 --> 00:14:34,910

world that are you know our facing

359

00:14:44,560 --> 00:14:43,160

well conflict in trouble is a is a basic

360

00:14:47,180 --> 00:14:44,570

component of the human experience

361

00:14:49,730 --> 00:14:47,190

unfortunately whether it's its internal

362

00:14:52,430 --> 00:14:49,740

within yourself within your family your

363

00:14:55,160 --> 00:14:52,440

your village your school or your country

364

00:14:58,940 --> 00:14:55,170

I mean it's it's not going to get solved

365

00:15:02,360 --> 00:14:58,950

by space travel but a couple different

366

00:15:04,700 --> 00:15:02,370

things Peter one is I think the just the

367

00:15:07,250 --> 00:15:04,710

straight visual perspective of the world

368

00:15:10,970 --> 00:15:07,260

that we are privy to up here to be able

369

00:15:13,220 --> 00:15:10,980

to cross Africa in the time it takes to

370

00:15:15,620 --> 00:15:13,230

finish a sentence to be able to see the

371

00:15:18,530 --> 00:15:15,630

whole world repeatedly over and over as

372

00:15:21,710 --> 00:15:18,540

one succinct distinct place where we all

373

00:15:24,710 --> 00:15:21,720

live I think that view would do a lot of

374

00:15:27,890 --> 00:15:24,720

people a lot of good and and the other

375

00:15:29,300 --> 00:15:27,900

is that we are visible from the earth if

376

00:15:31,040 --> 00:15:29,310

you get up in the morning or just before

377

00:15:32,450 --> 00:15:31,050

you go to bed and we happen to be going

378

00:15:34,280 --> 00:15:32,460

overhead we're still in the light while

379

00:15:37,610 --> 00:15:34,290

it's getting dark on the surface so

380

00:15:39,770 --> 00:15:37,620

there is a visible example of something

381

00:15:42,710 --> 00:15:39,780

going on that is truly international and

382

00:15:46,040 --> 00:15:42,720

cooperative and leading-edge that is

383

00:15:48,080 --> 00:15:46,050

right there overhead the brightest star

384

00:15:50,510 --> 00:15:48,090

in the sky going around and around the

385

00:15:52,310 --> 00:15:50,520

world reminding people of what we can do

386

00:15:54,440 --> 00:15:52,320

when we do things right and when we do

387

00:15:57,140 --> 00:15:54,450

things together and hopefully that

388

00:15:59,860 --> 00:15:57,150

combination will help to influence at

389

00:16:02,390 --> 00:15:59,870

least some people the combination of

390

00:16:04,370 --> 00:16:02,400

understanding how we truly all exist

391

00:16:06,530 --> 00:16:04,380

together on a planet and also the

392

00:16:08,780 --> 00:16:06,540

understanding of what we can do when we

393

00:16:12,380 --> 00:16:08,790

work together do you find yourself

394

00:16:15,470 --> 00:16:12,390

asking questions of yourself about about

395

00:16:18,110 --> 00:16:15,480

life about yourself when you're where

396

00:16:22,530 --> 00:16:18,120

you are that you wouldn't ask when

397

00:16:27,940 --> 00:16:25,740

the first astronauts Peter I think

398

00:16:30,490 --> 00:16:27,950

really went through an enormous change

399

00:16:32,080 --> 00:16:30,500

they were anonymous test pilots there

400

00:16:34,720 --> 00:16:32,090

had only been a handful of people flown

401
00:16:36,160 --> 00:16:34,730
in space and suddenly those guys were on

402
00:16:38,470 --> 00:16:36,170
the way to the moon and when they came

403
00:16:41,650 --> 00:16:38,480
back they went from being anonymous test

404
00:16:44,170 --> 00:16:41,660
pilots to being ticker tape parades for

405
00:16:46,900 --> 00:16:44,180
the rest of their life and I think that

406
00:16:49,090 --> 00:16:46,910
shift you know in a person's life is

407
00:16:52,090 --> 00:16:49,100
very hard to accept so I think they

408
00:16:54,850 --> 00:16:52,100
really had to reconsider cuz they didn't

409
00:16:57,940 --> 00:16:54,860
have anyone to have asked but I was the

410
00:16:59,590 --> 00:16:57,950
I forget the four hundred and twentieth

411
00:17:02,260 --> 00:16:59,600
person to fly in space or something and

412
00:17:04,360 --> 00:17:02,270
and we're on expedition 35 so it's

413
00:17:06,880 --> 00:17:04,370

incremental and and I've had the

414

00:17:09,340 --> 00:17:06,890

experience of talking to Neil Armstrong

415

00:17:11,020 --> 00:17:09,350

and Marc Garneau and Bob Thirsk who

416

00:17:13,090 --> 00:17:11,030

lived up here six months before me and

417

00:17:15,840 --> 00:17:13,100

and Alexei Leonov the world's first

418

00:17:19,600 --> 00:17:15,850

space Walker knowing those people and so

419

00:17:22,450 --> 00:17:19,610

preparing myself already understanding

420

00:17:24,010 --> 00:17:22,460

the world globally thinking about why

421

00:17:27,490 --> 00:17:24,020

we're doing this it it's really one of

422

00:17:31,570 --> 00:17:27,500

my fundamental motivations the the

423

00:17:35,320 --> 00:17:31,580

desire to be part of this to be a person

424

00:17:37,090 --> 00:17:35,330

that this is important for it wasn't as

425

00:17:39,310 --> 00:17:37,100

if I got here and suddenly realized it

426
00:17:40,840 --> 00:17:39,320
was magnificent the reason that I was

427
00:17:43,000 --> 00:17:40,850
motivated to do this was for the

428
00:17:45,520 --> 00:17:43,010
magnificence of it and the beauty of it

429
00:17:47,530 --> 00:17:45,530
and the import of it and I really hope

430
00:17:49,330 --> 00:17:47,540
that when I and I regularly talked to

431
00:17:51,370 --> 00:17:49,340
schools all across the world and

432
00:17:53,560 --> 00:17:51,380
specifically in Canada I really hope

433
00:17:55,510 --> 00:17:53,570
that some sense of that that choosing

434
00:17:57,640 --> 00:17:55,520
something that has a great personal

435
00:17:59,800 --> 00:17:57,650
import but that is also something that

436
00:18:02,710 --> 00:17:59,810
is larger than yourself that that

437
00:18:04,090 --> 00:18:02,720
combination to be internalized early and

438
00:18:06,310 --> 00:18:04,100

to lead a life that goes that direction

439

00:18:08,350 --> 00:18:06,320

is the type of message that I really

440

00:18:09,940 --> 00:18:08,360

work hard with young Canadians to get it

441

00:18:12,750 --> 00:18:09,950

into their head and to get it into the

442

00:18:15,010 --> 00:18:12,760

core of them to lead a life that then

443

00:18:17,260 --> 00:18:15,020

satisfies them and it is also really

444

00:18:19,270 --> 00:18:17,270

good for the rest of us you ever get

445

00:18:20,650 --> 00:18:19,280

tired of doing that majorette thing with

446

00:18:22,659 --> 00:18:20,660

the microphone where you flip it around

447

00:18:26,859 --> 00:18:22,669

like that

448

00:18:28,330 --> 00:18:26,869

I brought a few props for you here just

449

00:18:33,669 --> 00:18:28,340

in case you want to see some other

450

00:18:37,720 --> 00:18:33,679

things floating around I guess you never

451

00:18:40,690 --> 00:18:37,730

get bored of that do you now

452

00:18:42,639 --> 00:18:40,700

weightlessness is a toy that that never

453

00:18:44,409 --> 00:18:42,649

winds down it never goes away and you

454

00:18:46,359 --> 00:18:44,419

just play with it all the time even now

455

00:18:48,519 --> 00:18:46,369

I'm still learning how I can be more

456

00:18:51,159 --> 00:18:48,529

elegant I wish we had like some of the

457

00:18:53,080 --> 00:18:51,169

real gymnasts or the figure skaters up

458

00:18:55,149 --> 00:18:53,090

here people who are naturally super

459

00:18:57,729 --> 00:18:55,159

coordinated and graceful because you can

460

00:19:00,759 --> 00:18:57,739

be so the ballet up here would be

461

00:19:03,489 --> 00:19:00,769

revolution revelation Airy it's just

462

00:19:05,259 --> 00:19:03,499

such a liberating and new environment

463

00:19:07,029 --> 00:19:05,269

and I'm doing my best with it and trying

464

00:19:10,470 --> 00:19:07,039

to become as graceful and elegant as I

465

00:19:12,909 --> 00:19:10,480

can but when you open up a whole new

466

00:19:14,680 --> 00:19:12,919

capability to people then the artistic

467

00:19:17,349 --> 00:19:14,690

interpretation of it and the ability to

468

00:19:19,659 --> 00:19:17,359

use it expands on itself and I'm just

469

00:19:22,749 --> 00:19:19,669

trying to do what I can with my

470

00:19:25,210 --> 00:19:22,759

limitations up here you know that no

471

00:19:33,330 --> 00:19:25,220

leaf fan is ever being as far away from

472

00:19:36,129 --> 00:19:33,340

the ACC as you are right yes I know but

473

00:19:37,720 --> 00:19:36,139

I'm not a leaf fan just just because

474

00:19:40,330 --> 00:19:37,730

they're having a good year or a bad year

475

00:19:42,609 --> 00:19:40,340

I'm a leaf fan because they they have

476

00:19:45,789 --> 00:19:42,619

had a tremendous history for almost a

477

00:19:47,619 --> 00:19:45,799

century and and they they captured my

478

00:19:49,509 --> 00:19:47,629

imagination when I was a little kid

479

00:19:50,979 --> 00:19:49,519

growing up in Southern Ontario so I'm a

480

00:19:53,259 --> 00:19:50,989

leaf fan for life and I wish them all

481

00:19:54,909 --> 00:19:53,269

the best this year and I'm having fun

482

00:19:57,039 --> 00:19:54,919

following it they don't send me the

483

00:20:00,039 --> 00:19:57,049

games and you know I can't watch live so

484

00:20:01,930 --> 00:20:00,049

I get to games the next day but it's

485

00:20:03,519 --> 00:20:01,940

it's fun to watch up here at least the

486

00:20:05,590 --> 00:20:03,529

highlights of the games I'm enjoying it

487

00:20:08,529 --> 00:20:05,600

last question because we've only we've

488

00:20:15,630 --> 00:20:08,539

got less than a minute left why is it

489

00:20:20,970 --> 00:20:17,890

you could look at that question a bunch

490

00:20:22,930 --> 00:20:20,980

of different ways I think number one is

491

00:20:25,720 --> 00:20:22,940

there are a lot of interesting things

492

00:20:27,730 --> 00:20:25,730

going on in the world and some of them

493

00:20:29,800 --> 00:20:27,740

are very straightforward we need to take

494

00:20:31,390 --> 00:20:29,810

care of our people we need to think

495

00:20:33,310 --> 00:20:31,400

about education we need to think about

496

00:20:35,110 --> 00:20:33,320

the regular things that give people a

497

00:20:38,410 --> 00:20:35,120

good life but there are some things that

498

00:20:40,720 --> 00:20:38,420

are really new and and challenging and

499

00:20:42,580 --> 00:20:40,730

inspiring and that really draw people in

500

00:20:44,380 --> 00:20:42,590

and bring out the best in people and I

501
00:20:46,540 --> 00:20:44,390
want my kids to have more opportunities

502
00:20:48,690 --> 00:20:46,550
than I had and I want young Canadian

503
00:20:51,700 --> 00:20:48,700
kids to be able to look and see things

504
00:20:53,560 --> 00:20:51,710
that weren't possible before or see

505
00:20:55,420 --> 00:20:53,570
things that challenge them to come up

506
00:20:58,120 --> 00:20:55,430
with new ideas and I think it's

507
00:20:59,830 --> 00:20:58,130
important that Canada is part of

508
00:21:01,920 --> 00:20:59,840
something like this we're not the

509
00:21:04,390 --> 00:21:01,930
biggest country in it we're not the ones

510
00:21:07,270 --> 00:21:04,400
putting all the hardware up here but our

511
00:21:09,010 --> 00:21:07,280
robot built this place Canada arm to put

512
00:21:11,050 --> 00:21:09,020
this thing together we were absolutely

513
00:21:13,180 --> 00:21:11,060

pivotal in building the space station

514

00:21:15,820 --> 00:21:13,190

and so we have Canadian science onboard

515

00:21:18,250 --> 00:21:15,830

Canadian people on board and hopefully a

516

00:21:20,140 --> 00:21:18,260

lot of Canadian Dreams on board and I

517

00:21:22,270 --> 00:21:20,150

think as a young Canadian growing up to

518

00:21:23,710 --> 00:21:22,280

be able to see this as something that is

519

00:21:26,560 --> 00:21:23,720

within the fabric of Canadian

520

00:21:28,990 --> 00:21:26,570

opportunity is something that's worth me

521

00:21:30,520 --> 00:21:29,000

spending my life working on Chris

522

00:21:33,070 --> 00:21:30,530

Hadfield has been great of you to do

523

00:21:37,220 --> 00:21:33,080

this travel safe be well we'll talk to

524

00:21:43,830 --> 00:21:40,789

thank you Peter and hello to everyone

525

00:21:47,249 --> 00:21:43,840

station this is Houston ACR thank you

526

00:21:48,470 --> 00:21:47,259

that concludes the event and thank you

527

00:21:50,759 --> 00:21:48,480

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